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710 p  
tables

**INTERNATIONAL YEARBOOK  
OF  
INDUSTRIAL STATISTICS  
2001**



**UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION  
VIENNA  
2001**

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## Explanatory notes

Unless otherwise indicated, "manufacturing" includes the industry groups listed under major division 3 in the *International Standard Industrial Classification of All Economic Activities* [Statistical Papers, Series M, No.4/Rev.2 (United Nations publication, Sales No. E.68.XVII.8)]. It should be noted, however, that many countries have made a switchover from their national industrial classification schemes that were based on, or related to, Revision 2 of the International Standard Industrial Classification of All Economic Activities (ISIC) to those based on, or related to, Revision 3 of ISIC [Statistical Papers, Series M, No.4/Rev.3 (United Nations publication, Sales No. E.90.XVII.II)]. In these instances, "manufacturing" refers to table category D in that classification.

ISIC code numbers are accompanied by a descriptive title (for example in the case of Revision 2 of ISIC, ISIC 323: "Manufacture of leather and products of leather, leather substitutes and fur, except footwear and wearing apparel"). For considerations of space, however, the description is sometimes shortened (that is, ISIC 323 may be described simply as "Leather and fur products"). For both Revisions 2 and 3 of ISIC, all 3- and 4-digit codes and their corresponding descriptive titles are listed in appendix II to the introduction.

This publication contains some references to countries that no longer exist. The statistical indicators, however, generally cover most of the period when they *did* exist. On 3 October 1990, through accession of the German Democratic Republic to the Federal Republic of Germany, the two German States united to form one sovereign State: "Germany". The Union of Soviet Socialist Republics ceased to exist as of 24 December 1991. Data provided for Yugoslavia prior to 1 January 1992 refer to the Socialist Federal Republic of Yugoslavia, which was composed of six republics. Data provided for Yugoslavia after that date refer to the Federal Republic of Yugoslavia, which is composed of two republics (Serbia and Montenegro). Czechoslovakia ceased to exist on 31 December 1992. The successor States are the Czech Republic and Slovakia.

Hong Kong became the Hong Kong Special Administrative Region (SAR) of China on 1 July 1997. Macao became the Macao Special Administrative Region (SAR) of China on 20 December 1999. In the present publication, unless otherwise stated, data for China do not include data for Hong Kong SAR, for Macao SAR and for Taiwan Province of China, which are presented separately under China (Hong Kong SAR), China (Macao SAR) and China (Taiwan Province).

In section 1.1, data relating to Ethiopia include the province of Eritrea, which since May 1993 has been an independent country having the same name.

Zaire was renamed the Democratic Republic of the Congo on 17 May 1997. Data for that country are presented under its new name.

In the presentation of several tables individual countries and areas are listed alphabetically, whenever appropriate, within two successive categories: industrialized countries and developing countries. Data relating to selected groups of countries are presented in part I. In addition to regional groupings, developing countries have been further classified into three income categories: developing countries with low income (less than \$600 per capita gross domestic product in 1978 at current prices), those with middle income (\$600–\$1,320) and those with high income (more than \$1,320). This group has also been arranged in four development categories: newly industrialized countries (NICs), second-generation NICs, least developed countries and other developing countries. NICs are defined as major exporters of manufactures among developing countries in the mid-1970s, with a share of manufactures in total merchandise exports exceeding 20 per cent. Second-generation NICs are developing countries with a high average annual growth rate (over 15 per cent during the period 1970–1985) and having manufactured exports exceeding \$500 million in value in 1985. Countries and areas included in the groups are listed in appendix I to the introduction. Because of a lack of data, some countries could not be included in their respective groups in some tables. Taking into account the large size of its economy, China is not included in the group classified according to income level or the group classified according to development level.

Regardless of the year/period referred to, the country group European Union (EU) is related to the group consisting of the 15 countries shown under that country group in appendix I to the introduction.

In part I, references to dollars (\$) are to United States dollars. National currencies have been converted to dollar equivalents by using period average exchange rates as published in *International Financial Statistics* (International Monetary Fund publication) and other sources.

Data converted to dollars by using current exchange rates are liable to be strongly influenced by fluctuations in exchange rates. Annual variations of data converted in that manner may not reflect movements in the national data.

Unless otherwise noted, average annual growth rates are calculated from the data available for each year of a given period (for example, 1980–1990), using a semi-log regression over time. Growth rates are expressed in percentages.

Periods set off by a hyphen (for instance, 1980–1990) include the beginning and end years.

Apparent arithmetical discrepancies, such as percentages that do not add up to precise totals, result from the rounding of basic data or figures known to different degrees of precision.

Three dots (...) indicate that data are not available or are not separately reported.

A dash ( - ) indicates that an amount is nil or negligible.

The letter “x” designates the item applicable to a country when several options exist.

To avoid ambiguity, the letters “l”, “o” and “O” are not used to designate footnotes.

The following abbreviations and acronyms are used:

ASEAN	Association of South-East Asian Nations
CACM	Central American Common Market
CARICOM	Caribbean Community
CEMAC	Central African Economic and Monetary Community
CEPGL	Economic Community of the Great Lakes Countries
ECOWAS	Economic Community of West African States
EU	European Union
GDP	gross domestic product
ISIC	International Standard Industrial Classification of All Economic Activities
LAIA	Latin American Integration Association
LDCs	least developed countries
MVA	manufacturing value added
n.e.c.	not elsewhere classified
n.e.s.	not elsewhere specified
NICs	newly industrialized countries
OECD	Organisation for Economic Co-operation and Development
OECS	Organization of Eastern Caribbean States
UMA	Union of the Arab Maghreb
UNIDO	United Nations Industrial Development Organization
UNSD	Statistical Division of the United Nations Secretariat
VAT	value added tax

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WERE ORIGINALLY BLANK**

## CONTENTS

	<i>Page</i>
Explanatory notes .....	v
INTRODUCTION .....	7
<b>Appendices</b>	
I. List of countries and areas included in selected groupings .....	12
II. Detailed description of International Standard Industrial Classification of All Economic Activities (ISIC) - Revisions 2 and 3 .....	18
III. Description of data used in section 1.2.....	26
 <b>PART I. SUMMARY TABLES</b>	
 <b>SECTION 1.1. THE MANUFACTURING SECTOR</b>	
<i>Table</i>	
1.1. Distribution of world MVA, 1980–1999 .....	32
1.2. Distribution of MVA and population among selected groups of developing countries, selected years .....	33
1.3. Annual growth of MVA, 1980–1998 and per-capita MVA, 1998.....	34
1.4. Share of MVA in GDP, selected years .....	39
 <b>SECTION 1.2. THE MANUFACTURING BRANCHES</b>	
1.5. Distribution of world value added, selected branches and years .....	46
1.6. Distribution of value added of selected branches among developing regions, 1990 and 1997 .....	49
1.7. Leading producers in selected branches, 1990 and 1998	
Food products (ISIC 311/2).....	50
Textiles (ISIC 321) .....	50
Wearing apparel (ISIC 322) .....	51
Leather and fur products (ISIC 323).....	51
Footwear (ISIC 324) .....	52
Paper (ISIC 341).....	52
Industrial chemicals (ISIC 351).....	53
Other chemicals (ISIC 352).....	53
Rubber products (ISIC 355) .....	54
Iron and steel (ISIC 371).....	54
Non-ferrous metals (ISIC 372).....	55
Metal products (ISIC 381).....	55
Non-electrical machinery (ISIC 382).....	56
Electrical machinery (ISIC 383).....	56

1.8. Structure of MVA in selected country groups, selected years.....	57
1.9. Annual growth of value added of branches, selected country groups, 1980–1990 and 1990–1998 .....	61
1.10. Share of females in total employment by branch, selected years	
Argentina .....	62
Austria .....	62
Bermuda .....	62
Bulgaria .....	62
Chile .....	62
China (Macao SAR) .....	63
China (Taiwan Province).....	63
Colombia .....	63
Côte d'Ivoire .....	63
Croatia .....	63
Cyprus .....	64
Czech Republic.....	64
Egypt .....	64
El Salvador .....	64
Ethiopia.....	64
Fiji .....	65
India.....	65
Indonesia.....	65
Italy.....	65
Japan.....	65
Jordan .....	66
Kenya .....	66
Latvia .....	66
Malaysia.....	66
Malta .....	66
Morocco .....	67
Mozambique.....	67
Nepal .....	67
New Zealand .....	67
Nigeria.....	67
Panama.....	68
Philippines.....	68
Puerto Rico.....	68
Republic of Korea .....	68
Slovakia.....	68
Sri Lanka .....	69
St. Vincent and the Grenadines .....	69
Thailand .....	69
United Kingdom.....	69
Zambia .....	69
1.11. Selected characteristics of branches, selected years and countries	
Food products (ISIC 311/2).....	70
Textiles (ISIC 321).....	72
Wearing apparel (ISIC 322).....	74
Leather and fur products (ISIC 323).....	76
Footwear (ISIC 324).....	78
Wood and cork products (ISIC 331).....	80
Furniture, fixtures excluding metallic (ISIC 332).....	82
Paper (ISIC 341).....	84
Printing and publishing (ISIC 342).....	86
Industrial chemicals (ISIC 351).....	88
Other chemicals (ISIC 352).....	90
Rubber products (ISIC 355).....	92
Plastic products (ISIC 356).....	94
Pottery, china, earthenware (ISIC 361) .....	96
Glass (ISIC 362).....	98
Other non-metallic mineral products (ISIC 369).....	100
Iron and steel (ISIC 371) .....	102
Non-ferrous metals (ISIC 372) .....	104
Metal products (ISIC 381).....	106
Non-electrical machinery (ISIC 382) .....	108
Electrical machinery (ISIC 383).....	110
Transport equipment (ISIC 384).....	112



PART II. COUNTRY TABLES <sup>a/</sup>

Albania .....	119	Kyrgyzstan .....	427
Algeria .....	127	Latvia .....	435
Argentina .....	133	Lithuania .....	443
Armenia .....	141	Luxembourg .....	451
Australia .....	145	Malawi .....	455
Austria .....	153	Malaysia .....	461
Azerbaijan .....	161	Mauritius .....	467
Barbados .....	169	Mongolia .....	473
Bolivia .....	173	Morocco .....	481
Botswana .....	181	Mozambique .....	487
Brazil .....	185	Myanmar .....	491
Bulgaria .....	193	Netherlands .....	497
Burkina Faso .....	201	New Zealand .....	505
Cameroon .....	205	Niger .....	511
Chile .....	211	Norway .....	515
China .....	217	Oman .....	523
China (Hong Kong SAR) .....	221	Pakistan .....	531
China (Macao SAR) .....	227	Panama .....	537
Colombia .....	231	Philippines .....	545
Costa Rica .....	237	Portugal .....	553
Croatia .....	243	Puerto Rico .....	561
Cyprus .....	251	Republic of Korea .....	567
Czech Republic .....	257	Republic of Moldova .....	575
Denmark .....	265	Romania .....	583
Ecuador .....	273	Russian Federation .....	591
Egypt .....	281	Saint Lucia .....	597
El Salvador .....	289	Senegal .....	603
Eritrea .....	295	Singapore .....	609
Estonia .....	303	Slovakia .....	617
Ethiopia .....	311	Slovenia .....	625
Fiji .....	319	South Africa .....	629
Finland .....	323	Spain .....	637
France .....	331	St. Vincent and the Grenadines .....	645
Germany .....	339	Switzerland .....	649
Guatemala .....	347	Syrian Arab Republic .....	653
Haiti .....	353	Tajikistan .....	657
India .....	361	Thailand .....	665
Indonesia .....	367	Tunisia .....	673
Iran (Islamic Republic of) .....	375	Uganda .....	679
Iraq .....	383	Ukraine .....	687
Ireland .....	391	United Kingdom .....	693
Japan .....	399	Uruguay .....	701
Kazakhstan .....	407	Viet Nam .....	707
Kenya .....	415	Yugoslavia .....	715
Kuwait .....	421		

<sup>a/</sup> For information on the countries/areas that are not presented, please see page 117.



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- Data reported by country for 28 industrial branches.
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## INTRODUCTION

This is the seventh issue of UNIDO's annual publication, the *International Yearbook of Industrial Statistics*. The *Yearbook* succeeded the *Handbook of Industrial Statistics* which was published biennially by UNIDO up to 1992, and, at the same time, replaced the United Nations' *Industrial Statistics Yearbook*, volume I (General Industrial Statistics), which was discontinued after its 1991 edition published in 1993. These changes were in accordance with the recommendations of the United Nations Statistical Commission at its twenty-seventh session, namely that UNIDO, in collaboration with the Organisation for Economic Co-operation and Development (OECD), assumes responsibility for the collection and dissemination of world-wide general industrial statistics, effective 1994. The present *Yearbook* pertains to the manufacturing sector only.

The main purpose of the *Yearbook* is to provide statistical indicators to facilitate international comparisons relating to the manufacturing sector. The data presented were compiled bearing in mind the requirements of international comparability and the standards for this work promulgated by the United Nations. Concepts and definitions are drawn from the *International Recommendations for Industrial Statistics* [Statistical Papers, Series M, No.48/Rev.1 (United Nations publication, Sales No.E.83.XVII.8)] and the classification by industry follows Revision 2 or Revision 3 of ISIC.

The present *Yearbook* consists of two parts. Part I deals with the manufacturing sector as a whole (section 1.1) and with its branches (section 1.2). Statistical indicators are presented in terms of percentage distributions, cross-country averages, ratios and real growth rates that facilitate international comparison among selected country groups and/or countries. Data for manufacturing branches are arranged according to Revision 2 of ISIC at the three-digit (or major-group) level. Part II consists of a series of country/area-specific tables showing detailed data on selected basic statistics that were reported by national statistical offices. For some countries, data are presented in accordance with Revision 2 of ISIC. However, a number of countries have made a switchover from their national industrial classifications compatible with Revision 2 to those compatible with Revision 3 of ISIC. Consequently, data for those countries are presented in accordance with Revision 3 of ISIC.

### Sources and methods

In section 1.1 of part I, manufacturing value added (MVA) was estimated in accordance with the national accounting concept, which represents the net contribution of the manufacturing sector to

gross domestic product (GDP). The data on MVA and GDP were obtained from various national and international sources including OECD, the World Bank, the Statistical Division of the United Nations Secretariat (UNSD), the International Monetary Fund and regional development banks. These sources were supplemented with estimates generated by UNIDO. Owing to a major revision of data, there might be significant differences between the data shown in the present edition of the *Yearbook* and those shown in its previous editions. With respect to population, the information draws on the 1998 revision of the data compiled by the Population Division of the United Nations Secretariat.

The information in section 1.2 is drawn from the UNIDO Industrial Statistics Database. A large portion of the data for the years up to 1992 maintained in the database are those communicated to the United Nations by official national sources. The data for 1993 onwards, as well as additions and revisions of data referring to previous years, were reported by national statistical offices through the UNIDO General Industrial Statistics Questionnaire. With regard to the member countries of OECD, data were compiled by that organization. Information is solicited through a questionnaire issued jointly by the two organizations.

To facilitate the comparability of the data over time and across countries, UNIDO has supplemented originally reported data with information obtained from various other sources. The latter include: industrial censuses, statistics supplied by national and international organizations, unpublished data collected in the field by UNIDO as well as estimates made by the UNIDO secretariat.<sup>1</sup>

All indicators related to value data were derived at constant 1990 prices, except for several indicators presented in tables 1.1, 1.2, 1.4 and 1.11.

The indicators presented in tables 1.5 to 1.9 of section 1.2 were derived from estimates of value added at constant 1990 prices. For each country and industrial branch, these value-added estimates were generated by applying production indexes to the 1990 value-added base weights, which in turn were generated by UNIDO from various national and international sources.

Because of the increasing number of countries which have made a switchover in their reporting systems from Revision 2 to Revision 3 of ISIC, the

<sup>1</sup> UNIDO's procedures for estimation are described in "*UNIDO Industrial Statistics Database — Methodological Notes*" (IRD/R.11).

compilation of data in accordance with Revision 2 of ISIC required considerable data estimation. Consequently, the data shown in the present edition of the *Yearbook* might not be strictly comparable with those shown in previous editions.

Users should be aware that, in section 1.2 of part I (except table 1.11), owing to a lack of relevant data, China is not included.

Except for index numbers of industrial production, the information for the countries and areas other than the OECD member countries presented in part II were compiled from (i) the 1997 edition of the UNIDO General Industrial Statistics Questionnaire completed by national statistical offices and (ii) relevant publications issued by national statistical offices. Information referring to OECD member countries is based on data compiled by OECD via questionnaire and incorporated in OECD's Information System on Industrial Statistics as well as in the UNIDO database. With respect to production indexes, data were supplied by UNSD which compiles these data regularly from national sources through the quarterly United Nations Index of Industrial Production Questionnaire.

In section 1.2 of part I and in part II, the measures generally used are census output and census value added. Thus, the costs of non-industrial services are included in value added, whereas the receipts for these services are excluded from output. For a quick reference, appendix III to this introduction provides notes on certain aspects of the data used, and it is recommended that the reader consult them when using the *Yearbook*. A detailed version appears in the individual country notes in part I, which also covers deviations from the standards applied. In general, these notes are also applicable to the estimates that supplement the officially reported data.

The co-operation of national statistical offices, OECD and UNSD in the provision of the information which is the basis of the current publication is gratefully acknowledged.

## **PART I. SUMMARY TABLES**

### **Section 1.1: The manufacturing sector**

Section 1.1 comprises tables 1.1 to 1.4. Table 1.1 shows the distribution of world MVA for various regions and groups of countries at constant 1990 prices as well as at current prices.

The reader should be aware that due to variation in official exchange rates the world distribution may change considerably depending on the choice of the base year.

To maintain comparability over time, composition of each group of countries was kept the same

throughout the period. In this connection, EU refers to the following 15 countries: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, Sweden and United Kingdom of Great Britain and Northern Ireland. However, due to data limitations the eastern part of Germany is excluded up to 1990.

Table 1.2 shows the shares of selected groups of developing countries in MVA and in population of all developing countries.

Table 1.3 shows real growth rates and index numbers (1990=100) of total and per-capita MVA as well as values of per-capita MVA for the latest year for individual countries and areas and for selected country groups. Data referring to country groups were based on cross-country aggregates of MVA in constant 1990 US dollars.

Table 1.4 shows the percentage shares of MVA in GDP estimated both at constant 1990 prices and at current prices. In a number of cases, consolidation of data at constant and current prices, often originating from different sources, required adjustments to the entire time series. The data are presented by individual countries and areas as well as by selected country groups. GDP has been calculated as the sum of value added of individual sectors. Data given for individual sectors may sum up to an amount different from data given for total GDP. The sources of this discrepancy are specific to each country and are rarely documented. With respect to the selected country groups, common country samples were taken for both indicators and for all reference years. Furthermore, the shares of MVA in GDP are aggregated at the level of the grouping by dividing the sum of MVA by the sum of GDP.

### **Section 1.2: The manufacturing branches**

Section 1.2 comprises tables 1.5 to 1.11. It focuses on the branches of the manufacturing sector. Branches are defined as major ISIC (Revision 2) groups, reported in accordance with a three-digit code. The ISIC definition of manufacturing comprises 28 major groups or branches.

Table 1.5 shows the world distribution of the respective value added of selected 24 branches among selected country groups. Four branches are omitted from the table because the data are too scanty to ensure comparability between years. To derive world totals for the latest years, a number of estimates at the country level, especially for many developing countries, were generated.

Table 1.6 shows the shares of developing regions and the least developed countries in the value added of all developing countries in selected branches. Due to lack of sufficient data, estimates at the

country level had to be generated to enable regional aggregation. Instead of 1998, the year 1997 has been chosen as the latest year. Nevertheless, a number of branches had to be excluded from the presentation due to data limitations.

Table 1.7 shows the world's leading producers in various industrial branches as well as the leading developing countries and areas in terms of value added. World totals exclude the countries of eastern Europe and of the former USSR. As in the case of table 1.5, data for 1998 include many estimates generated for individual countries.

Table 1.8 shows the shares of individual branches in total MVA by country grouping. In the case of developing countries the data coverage is limited but still representative; it includes 70 countries and areas which in 1990 accounted for more than 90 per cent of the MVA of all developing countries.

Table 1.9 shows real growth rates of value added of individual branches, calculated for selected country groups. The reference periods are 1980–1990 and 1990–1998. However, due to lack of comparable data, the second period is 1990–1997 or 1990–1996 in several cases.

Table 1.10 presents the share of female employees in total employment in individual branches. For some countries, employment refers to number of persons engaged instead of number of employees (see appendix III of the present introduction). Only a limited number of countries and areas have reported data on female employment at the branch level.

Table 1.11 shows, for individual countries and areas, basic indicators that are characteristic of the manufacturing branches. It should be noted that average annual real growth rates of value added per employee and those of wages and salaries per employee, which were presented in previous editions of the Yearbook, are no longer shown, due to data limitations. Costs of input materials and utilities are calculated as output minus value added. Costs of labour refer to wages and salaries of employees only. Operating surplus is calculated as value added minus wages and salaries paid to employees.

Information concerning the following branches is excluded from table 1.11: beverages (ISIC 313); tobacco (ISIC 314); petroleum refineries (ISIC 353); and petroleum and coal products (ISIC 354). Production indicators (output, value added) for those four branches are highly sensitive to the valuation method (which may or may not include indirect taxes and subsidies). Because that method is not applied uniformly among countries, international comparison of the branches concerned is not advisable. Two more branches were

excluded due to lack of sufficient data, i.e., professional and scientific equipment (ISIC 385) and other manufactures (ISIC 390).

## PART II. COUNTRY TABLES

Part II comprises country/area-specific tables presenting the following selected industrial statistics: number of establishments, number of employees (or, if not reported, number of persons engaged), wages and salaries paid to employees, output, value added, gross fixed capital formation and index numbers of industrial production. All value data are presented in current national currencies. The data on these items (except gross fixed capital formation and index numbers of industrial production) relate to the last four years for which data were reported. Gross fixed capital formation refers to the last two years for which data were reported. Index numbers of industrial production refer to the period 1987-1998. When presented in accordance with Revision 2 of ISIC, production indexes for total manufacturing were derived as weighted averages across branches employing 1990 value-added base weights which were estimated by UNIDO.

### Coverage of countries/areas

The countries/areas that are presented in part II are those which reported data during the current round of the UNIDO annual compilation programme of global industrial statistics. Those countries/areas, which reported data only in previous rounds of the UNIDO compilation programme, are not included in the present *Yearbook* but were included in previous editions. At the beginning of part II, those countries/areas are listed together with a reference to the respective editions of the *Yearbook* in which their latest data were presented.

### Industrial classification

The classification of industrial activity set out in the tables follows either Revision 2 or Revision 3 of ISIC depending on the individual country's data reporting scheme. In either case, the employed levels of detail are the three- and four-digit levels of ISIC, or the three-digit level if no data on four-digit groups were reported. With regard to production indexes, data are arranged either in accordance with the 3-digit level of Revision 2 of ISIC or in accordance with the 2-digit level of Revision 3 of ISIC. Where information was not provided in this form, the estimates are shown in the most applicable category. Aggregates for total manufacturing are included.

It should be noted that in several cases a figure presented for a 3-digit group does not agree with the sum of data given for the corresponding 4-digit categories. As far as possible, UNIDO resolved these discrepancies with the help of available supplementary information.

### Reference unit

For most countries and areas represented, the data shown relate to the activity of "establishments" in the specified industries rather than any other type of industrial unit. In a few cases, however, the concepts of "kind-of-activity unit", "local unit" or "enterprise" are found. An "establishment" is ideally a unit which engages, under a single ownership or control, in one, or predominantly one, kind of activity at a single location; for example, workshop or factory. A "kind-of-activity unit" differs from the establishment in that there is no restriction with respect to the geographical area in which a given kind of activity is carried out by a single legal entity. A "local unit", on the other hand, comprises all activities carried out under a single ownership or control at a single location and differs from the establishment-type of unit in that there is no restriction on the range of these activities. An "enterprise" is a legal entity possessing the right to conduct business in its own name; for example, to enter into contracts, own property, incur liability for debts, and establish bank accounts. Specific information on the character of the units covered in the tables for each country is set out in the corresponding country note.

### Reference period

The statistics in the tables relate, in general, to the calendar year. It should be noted, however, that in many cases where the basic reference period of the industrial inquiry is the calendar year, returns covering proximate fiscal years may be accepted for reporting purposes and the data for these years incorporated in the calendar-year aggregates without adjustment. In a few countries, fiscal years normally used for public accounting purposes have been adopted as the basic reference periods. In the case of fiscal-year coverage, the year indicated in the tables refers to the calendar year in which the major part of the fiscal year falls. In the case of fiscal years from 1 July to 30 June, the year referred to is normally the one in which the fiscal year ends.

### Concepts and definitions of the items

The United Nations standards which have been applied in preparing the tables are set out below. All values are in national currency units and are at current prices unless otherwise indicated. For countries other than the OECD member countries, deviations from these concepts and definitions are described in the respective country notes. The country notes referring to OECD member countries are based on information presented in part D, section 1 ("Sources and Definitions") of OECD's annual publication "Industrial Structure Statistics".

#### (1) Number of persons engaged and number of employees

The number of persons engaged is defined as the total number of persons who worked in or for the

establishment during the reference year. However, homeworkers are excluded. The concept covers working proprietors, active business partners and unpaid family workers as well as employees. The figures reported refer normally to the average number of persons engaged during the reference year, obtained as the sum of the "average number of employees" during the year and the total number of other persons engaged measured for a single period of the year. The category "employees" is intended to include all persons engaged other than working proprietors, active business partners and unpaid family workers. In this publication, preference has been given, whenever possible, to employees over persons engaged.

#### (2) Wages and salaries

Estimates of wages and salaries include all payments in cash or in kind made to "employees" during the reference year in relation to work done for the establishment. Payments include: (a) direct wages and salaries; (b) remuneration for time not worked; (c) bonuses and gratuities; (d) housing allowances and family allowances paid directly by the employer; and (e) payments in kind.

Compensation of employees is equivalent to wages and salaries plus employers' contributions on behalf of their employees paid to social security, pension and insurance schemes, as well as the benefits received by employees under these schemes and severance and termination pay.

#### (3) Output

The measure of output normally used in the tables is the census concept which covers only activities of an industrial nature. The value of census output in the case of estimates compiled on a production basis comprises: (a) the value of all products of the establishment; (b) the net change between the beginning and the end of the reference period in the value of work in progress and stocks of goods to be shipped in the same condition as received; (c) the value of industrial work done or industrial services rendered to others; (d) the value of goods shipped in the same condition as received less the amount paid for these goods; and (e) the value of fixed assets produced during the period by the unit for its own use. In the case of estimates compiled on a shipment basis, the net change in the value of stocks of finished goods between the beginning and the end of the reference period is also included.

Gross output is equivalent to census output plus the revenue from activities of a non-industrial nature. Valuation may be in factor values, excluding all indirect taxes falling on production and including all current subsidies received in support of production activity, or in producers' prices, including all indirect taxes and excluding all subsidies.

**(4) Value added**

The measure of value added normally used in the tables is the census concept, which is defined as the value of census output less the value of census input. Items covered in the latter include: (a) value of materials and supplies for production (including cost of all fuel and purchased electricity); and (b) cost of industrial services received (mainly payments for contract and commission work and repair and maintenance work). If input estimates are compiled on a "received" rather than on a "consumed" basis, the result is adjusted for the net change between the beginning and the end of the period in the value of stocks of materials, fuel and other supplies.

Total value added is the national accounting concept. It is ideally represented by the contribution of the establishments in each branch of activity to the gross domestic product. For the measure of total value added, the cost of non-industrial services is deducted and the receipts for non-industrial services are added to census value added. The estimates, whether in terms of census value added or total value added, are gross of depreciation and other provisions for capital consumption, unless otherwise stated. The valuation may be in factor costs or in producers' prices, depending on the treatment of indirect taxes and subsidies.

**(5) Gross fixed capital formation**

Estimates refer to the value of purchases and own-account construction of fixed assets during the reference year less the value of corresponding sales. The fixed assets covered are those (whether new or used) with a productive life of one year or more. These assets, which are intended for the use of the establishment, include fixed assets made by the establishment's own labour force for its own use. Major additions, alterations and improvements to existing assets which extend their normal economic life or raise their productivity are also included.

New fixed assets include all those that have not been previously used in the country. Thus, newly imported fixed assets are considered new whether or not used before they were imported. Used fixed assets include all those that have been previously used within the country. Transactions in fixed assets include: (a) land; (b) buildings, other construction and land improvements; (c) transport equipment; and (d) machinery and other equipment.

Assets acquired from others are valued at purchasers' prices, which cover all costs directly connected with the acquisition and installation of the items for use. In principle, assets produced on own account are also valued in this manner. However, it may frequently be necessary to value such own-account production at explicit cost, including any imputations that may be required in respect of the employed own-account labour.

Assets produced by one establishment of a multi-establishment enterprise for the use of another establishment of the same enterprise should be valued by the receiving establishment as though purchased from outside the enterprise. Sales of assets should be valued at the actual amounts realized rather than at book values.

**(6) Index numbers of industrial production**

The indexes in the tables are compiled from national indexes which are calculated by use of the Laspeyres formula. The comparison base year is 1990. However, if different base years are used in any countries, the national indexes are converted to the comparison base year.

APPENDIX I  
LIST OF COUNTRIES AND AREAS INCLUDED IN SELECTED GROUPINGS

INDUSTRIALIZED COUNTRIES

<p>East. Europe and former USSR</p> <p>Albania Bulgaria Czechoslovakia (former) * Germany, eastern part Hungary Poland Romania USSR (former) **</p> <p>Western Europe</p> <p>Austria Belgium Denmark Finland France Germany, western part Greece Iceland Ireland Italy Luxembourg Netherlands Norway Portugal Spain Sweden Switzerland United Kingdom</p> <p>Japan</p> <p>North America</p> <p>Canada United States of America</p> <p>Others</p> <p>Australia Israel New Zealand South Africa</p>	<p>EU</p> <p>Austria Belgium Denmark Finland France Germany Greece Ireland Italy Luxembourg Netherlands Portugal Spain Sweden United Kingdom</p>
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DEVELOPING COUNTRIES/AREAS

<p>Algeria Angola Anguilla Antigua and Barbuda Argentina Bahrain Bangladesh Barbados Belize Benin Bermuda Bhutan Bolivia Botswana Brazil British Virgin Islands Brunei Darussalam Burkina Faso Burundi Cambodia Cameroon Cape Verde Central African Republic Chad Chile China China (Hong Kong SAR) China (Taiwan Province) Colombia Comoros Congo Costa Rica Côte d'Ivoire Cuba Cyprus Democratic Rep. of the Congo Djibouti Dominica Dominican Republic Ecuador Egypt El Salvador Equatorial Guinea Ethiopia Fiji French Guiana</p>	<p>French Polynesia Gabon Gambia Ghana Grenada Guadeloupe Guatemala Guinea Guinea-Bissau Guyana Haiti Honduras India Indonesia Iran (Islamic Republic of) Iraq Jamaica Jordan Kenya Kuwait Lebanon Lesotho Liberia Libyan Arab Jamahiriya Madagascar Malawi Malaysia Maldives Mali Malta Martinique Mauritania Mauritius Mexico Mongolia Montserrat Morocco Mozambique Myanmar Namibia Nepal Netherlands Antilles New Caledonia Nicaragua Niger</p>	<p>Nigeria Oman Pakistan Panama Papua New Guinea Paraguay Peru Philippines Puerto Rico Qatar Republic of Korea Réunion Rwanda Saint Lucia Sao Tome and Principe Saudi Arabia Senegal Seychelles Sierra Leone Singapore Solomon Islands Somalia Sri Lanka St. Kitts and Nevis St. Vincent and the Grenadines Sudan Suriname Swaziland Syrian Arab Republic Thailand Togo Tonga Trinidad and Tobago Tunisia Turkey Uganda United Arab Emirates United Republic of Tanzania Uruguay Vanuatu Venezuela Yemen Yugoslavia (former) *** Zambia Zimbabwe</p>
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Depending on data availability the following countries are treated separately:

\* Czech Republic and Slovakia.

\*\* Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Republic of Moldova, Russian Federation, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan.

\*\*\* Bosnia and Herzegovina, Croatia, Slovenia, the former Yugoslav Republic of Macedonia, and Yugoslavia, Federal Republic of.



## APPENDIX I

(continued)

## LIST OF COUNTRIES AND AREAS INCLUDED IN SELECTED GROUPINGS

DEVELOPING COUNTRY GROUPINGS BY REGION, INCOME GROUP AND DEVELOPMENT GROUP

Region, country or area	Income group			Development group			
	Low income	Middle income	High income	LDCs	NICs	Second-generation NICs	Others
AFRICA							
North Africa							
Algeria		X					X
Egypt	X						X
Libyan Arab Jamahiriya			X				X
Morocco		X				X	
Sudan	X			X			
Tunisia		X				X	
Central Africa							
Angola	X			X			
Burundi	X			X			
Cameroon	X						X
Central African Republic	X			X			
Chad	X			X			
Congo		X					X
Democratic Rep. of the Congo	X			X			
Equatorial Guinea	X			X			
Gabon			X				X
Rwanda	X			X			
Sao Tome and Principe	X			X			
Western Africa (ECOWAS)							
Benin	X			X			
Burkina Faso	X			X			
Cape Verde	X			X			
Côte d'Ivoire		X					X
Gambia	X			X			
Ghana		X					X
Guinea	X			X			
Guinea-Bissau	X			X			
Liberia	X			X			
Mali	X			X			
Mauritania	X			X			
Niger	X			X			
Nigeria		X					X
Senegal	X						X
Sierra Leone	X			X			
Togo	X			X			

## APPENDIX I

(continued)

## LIST OF COUNTRIES AND AREAS INCLUDED IN SELECTED GROUPINGS

## DEVELOPING COUNTRY GROUPINGS BY REGION, INCOME GROUP AND DEVELOPMENT GROUP

Region, country or area	Income group			Development group			
	Low income	Middle income	High income	LDCs	NICs	Second-generation NICs	Others
Eastern and southern Africa							
Botswana	X						X
Comoros	X			X			
Djibouti		X		X			
Ethiopia	X			X			
Kenya	X						X
Lesotho	X			X			
Madagascar	X			X			
Malawi	X			X			
Mauritius		X					X
Mozambique	X			X			
Namibia			X				X
Réunion			X				X
Seychelles			X				X
Somalia	X			X			
Swaziland	X						X
Uganda	X			X			
United Republic of Tanzania	X			X			
Zambia	X			X			
Zimbabwe	X						X
LATIN AMERICA							
Anguilla		X					X
Antigua and Barbuda		X					X
Argentina			X		X		
Barbados			X				X
Belize		X					X
Bermuda			X				X
Bolivia		X					X
Brazil			X		X		
British Virgin Islands			X				X
Chile			X				X
Colombia		X				X	
Costa Rica			X				X
Cuba		X					X
Dominica		X					X
Dominican Republic		X					X
Ecuador		X					X
El Salvador		X					X
French Guiana			X				X

## APPENDIX I

(continued)

## LIST OF COUNTRIES AND AREAS INCLUDED IN SELECTED GROUPINGS

## DEVELOPING COUNTRY GROUPINGS BY REGION, INCOME GROUP AND DEVELOPMENT GROUP

Region, country or area	Income group			Development group			
	Low income	Middle income	High income	LDCs	NICs	Second-generation NICs	Others
Grenada	X						X
Guadeloupe			X				X
Guatemala		X					X
Guyana	X						X
Haiti	X			X			
Honduras	X						X
Jamaica		X					X
Martinique			X				X
Mexico			X		X		
Montserrat		X					X
Netherlands Antilles			X				X
Nicaragua		X					X
Panama		X					X
Paraguay		X					X
Peru		X					X
Puerto Rico			X				X
Saint Lucia		X					X
St. Kitts and Nevis		X					X
St. Vincent and the Grenadines	X						X
Suriname			X				X
Trinidad and Tobago			X				X
Uruguay			X				X
Venezuela			X				X
WEST ASIA AND EUROPE							
Bahrain			X				X
Cyprus			X				X
Iraq			X				X
Jordan		X					X
Kuwait			X				X
Lebanon		X					X
Malta			X				X
Oman			X				X
Qatar			X				X
Saudi Arabia			X				X
Syrian Arab Republic		X					X
Turkey		X				X	
United Arab Emirates			X				X
Yemen	X			X			
Yugoslavia (former) *			X		X		

Depending on data availability the following countries are treated separately:

\* Bosnia and Herzegovina, Croatia, Slovenia, the former Yugoslav Republic of Macedonia, and Yugoslavia, Federal Republic of.

## APPENDIX I

(continued)

## LIST OF COUNTRIES AND AREAS INCLUDED IN SELECTED GROUPINGS

DEVELOPING COUNTRY GROUPINGS BY REGION, INCOME GROUP AND DEVELOPMENT GROUP

Region, country or area	Income group			Development group			
	Low income	Middle income	High income	LDCs	NICs	Second-generation NICs	Others
SOUTH AND EAST ASIA							
Bangladesh	X			X			
Bhutan	X			X			
Brunei Darussalam			X				X
Cambodia	X			X			
China							
China (Hong Kong SAR)			X		X		
China (Taiwan Province)			X		X		
Fiji			X				X
French Polynesia			X				X
India	X				X		
Indonesia	X					X	
Iran (Islamic Republic of)			X				X
Malaysia		X				X	
Maldives	X			X			
Mongolia		X					X
Myanmar	X			X			
Nepal	X			X			
New Caledonia			X				X
Pakistan	X						X
Papua New Guinea		X					X
Philippines	X					X	
Republic of Korea		X			X		
Singapore			X		X		
Solomon Islands	X			X			
Sri Lanka	X						X
Thailand	X					X	
Tonga	X						X
Vanuatu	X			X			

APPENDIX I  
LIST OF COUNTRIES AND AREAS INCLUDED IN SELECTED GROUPINGS

(continued)

OTHER DEVELOPING COUNTRY GROUPINGS

Andean group	CARICOM	UMA
Bolivia Colombia Ecuador Peru Venezuela	Antigua and Barbuda Bahamas Barbados Belize Dominica Grenada Guyana Jamaica Montserrat Saint Lucia St. Kitts and Nevis St. Vincent and the Grenadines Suriname Trinidad and Tobago	Algeria Libyan Arab Jamahiriya Mauritania Morocco Tunisia
ASEAN	CEPGL	OECS
Brunei Darussalam Cambodia Indonesia Lao People's Dem. Rep. * Malaysia Myanmar Philippines Singapore Thailand Viet Nam *	Burundi Rwanda Democratic Rep. of the Congo	Antigua and Barbuda Dominica Grenada Montserrat Saint Lucia St. Kitts and Nevis St. Vincent and the Grenadines
CACM	LAIA	CEMAC
Costa Rica El Salvador Guatemala Honduras Nicaragua	Argentina Bolivia Brazil Chile Colombia Cuba Ecuador Mexico Paraguay Peru Uruguay Venezuela	Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon

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\* Not included in any computation due to limited availability of data.

APPENDIX II

DETAILED DESCRIPTION OF INTERNATIONAL STANDARD INDUSTRIAL  
CLASSIFICATION OF ALL ECONOMIC ACTIVITIES (ISIC) - REVISIONS 2 AND 3

ISIC REVISION 2

ISIC	Description
<b>3</b>	<b>MANUFACTURING</b>
<b>311/2</b>	<b>Food manufacturing</b>
3111	Slaughtering, preparing and preserving meat
3112	Manufacture of dairy products
3113	Canning and preserving of fruits and vegetables
3114	Canning, preserving and processing of fish, crustacea and similar foods
3115	Manufacture of vegetable and animal oils and fats
3116	Grain mill products
3117	Manufacture of bakery products
3118	Sugar factories and refineries
3119	Manufacture of cocoa, chocolate and sugar confectionery
3121	Manufacture of food products not elsewhere classified
3122	Manufacture of prepared animal feeds
<b>313</b>	<b>Beverage industries</b>
3131	Distilling, rectifying and blending spirits
3132	Wine industries
3133	Malt liquors and malt
3134	Soft drinks and carbonated waters industries
<b>314</b>	<b>3140 Tobacco manufactures</b>
<b>321</b>	<b>Manufacture of textiles</b>
3211	Spinning, weaving and finishing textiles
3212	Manufacture of made-up textile goods except wearing apparel
3213	Knitting mills
3214	Manufacture of carpets and rugs
3215	Cordage, rope and twine industries
3219	Manufacture of textiles not elsewhere classified
<b>322</b>	<b>3220 Manufacture of wearing apparel, except footwear</b>
<b>323</b>	<b>Manufacture of leather and products of leather, leather substitutes and fur, except footwear and wearing apparel</b>
3231	Tanneries and leather finishing
3232	Fur dressing and dyeing industries
3233	Manufacture of products of leather and leather substitutes, except footwear and wearing apparel
<b>324</b>	<b>3240 Manufacture of footwear, except vulcanized or moulded rubber or plastic footwear</b>

ISIC REVISION 2 (continued)

ISIC	Description
<b>331</b>	<b>Manufacture of wood and wood and cork products, except furniture</b>
3311	Sawmills, planing and other wood mills
3312	Manufacture of wooden and cane containers and small cane ware
3319	Manufacture of wood and cork products not elsewhere classified
<b>332</b>	<b>3320 Manufacture of furniture and fixtures, except primarily of metal</b>
<b>341</b>	<b>Manufacture of paper and paper products</b>
3411	Manufacture of pulp, paper and paperboard
3412	Manufacture of containers and boxes of paper and paperboard
3419	Manufacture of pulp, paper and paperboard articles not elsewhere classified
<b>342</b>	<b>3420 Printing, publishing and allied industries</b>
<b>351</b>	<b>Manufacture of industrial chemicals</b>
3511	Manufacture of basic industrial chemicals except fertilizers
3512	Manufacture of fertilizers and pesticides
3513	Manufacture of synthetic resins, plastic materials and man-made fibres except glass
<b>352</b>	<b>Manufacture of other chemical products</b>
3521	Manufacture of paints, varnishes and lacquers
3522	Manufacture of drugs and medicines
3523	Manufacture of soap and cleaning preparations, perfumes, cosmetics and other toilet preparations
3529	Manufacture of chemical products not elsewhere classified
<b>353</b>	<b>3530 Petroleum refineries</b>
<b>354</b>	<b>3540 Manufacture of miscellaneous products of petroleum and coal</b>
<b>355</b>	<b>Manufacture of rubber products</b>
3551	Tyre and tube industries
3559	Manufacture of rubber products not elsewhere classified
<b>356</b>	<b>3560 Manufacture of plastic products not elsewhere classified</b>
<b>361</b>	<b>3610 Manufacture of pottery, china and earthenware</b>
<b>362</b>	<b>3620 Manufacture of glass and glass products</b>
<b>369</b>	<b>Manufacture of other non-metallic mineral products</b>
3691	Manufacture of structural clay products
3692	Manufacture of cement, lime and plaster
3699	Manufacture of non-metallic mineral products not elsewhere classified
<b>371</b>	<b>3710 Iron and steel basic industries</b>
<b>372</b>	<b>3720 Non-ferrous metal basic industries</b>

ISIC REVISION 2 (continued)

ISIC	Description
<b>381</b>	<b>Manufacture of fabricated metal products, except machinery and equipment</b>
3811	Manufacture of cutlery, hand tools and general hardware
3812	Manufacture of furniture and fixtures primarily of metal
3813	Manufacture of structural metal products
3819	Manufacture of fabricated metal products except machinery and equipment not elsewhere classified
<b>382</b>	<b>Manufacture of machinery except electrical</b>
3821	Manufacture of engines and turbines
3822	Manufacture of agricultural machinery and equipment
3823	Manufacture of metal and wood working machinery
3824	Manufacture of special industrial machinery and equipment except metal and wood working machinery
3825	Manufacture of office, computing and accounting machinery
3829	Machinery and equipment except electrical not elsewhere classified
<b>383</b>	<b>Manufacture of electrical machinery, apparatus, appliances and supplies</b>
3831	Manufacture of electrical industrial machinery and apparatus
3832	Manufacture of radio, television and communication equipment and apparatus
3833	Manufacture of electrical appliances and housewares
3839	Manufacture of electrical apparatus and supplies not elsewhere classified
<b>384</b>	<b>Manufacture of transport equipment</b>
3841	Ship building and repairing
3842	Manufacture of railroad equipment
3843	Manufacture of motor vehicles
3844	Manufacture of motorcycles and bicycles
3845	Manufacture of aircraft
3849	Manufacture of transport equipment not elsewhere classified
<b>385</b>	<b>Manufacture of professional and scientific, and measuring and controlling equipment not elsewhere classified, and of photographic and optical goods</b>
3851	Manufacture of professional and scientific, and measuring and controlling equipment, not elsewhere classified
3852	Manufacture of photographic and optical goods
3853	Manufacture of watches and clocks
<b>390</b>	<b>Other manufacturing industries</b>
3901	Manufacture of jewellery and related articles
3902	Manufacture of musical instruments
3903	Manufacture of sporting and athletic goods
3909	Manufacturing industries not elsewhere classified



ISIC REVISION 3

ISIC	Description
<b>D</b>	<b>MANUFACTURING</b>
<b>151</b>	<b>Production, processing and preservation of meat, fish, fruit, vegetables, oils and fats</b>
1511	Production, processing and preserving of meat and meat products
1512	Processing and preserving of fish and fish products
1513	Processing and preserving of fruit and vegetables
1514	Manufacture of vegetable and animal oils and fats
<b>152</b>	<b>1520 Manufacture of dairy products</b>
<b>153</b>	<b>Manufacture of grain mill products, starches and starch products, and prepared animal feeds</b>
1531	Manufacture of grain mill products
1532	Manufacture of starches and starch products
1533	Manufacture of prepared animal feeds
<b>154</b>	<b>Manufacture of other food products</b>
1541	Manufacture of bakery products
1542	Manufacture of sugar
1543	Manufacture of cocoa, chocolate and sugar confectionery
1544	Manufacture of macaroni, noodles, couscous and similar farinaceous products
1549	Manufacture of other food products n.e.c.
<b>155</b>	<b>Manufacture of beverages</b>
1551	Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials
1552	Manufacture of wines
1553	Manufacture of malt liquors and malt
1554	Manufacture of soft drinks; production of mineral waters
<b>160</b>	<b>1600 Manufacture of tobacco products</b>
<b>171</b>	<b>Spinning, weaving and finishing of textiles</b>
1711	Preparation and spinning of textile fibres; weaving of textiles
1712	Finishing of textiles
<b>172</b>	<b>Manufacture of other textiles</b>
1721	Manufacture of made-up textile articles, except apparel
1722	Manufacture of carpets and rugs
1723	Manufacture of cordage, rope, twine and netting
1729	Manufacture of other textiles n.e.c.
<b>173</b>	<b>1730 Manufacture of knitted and crocheted fabrics and articles</b>

ISIC REVISION 3 (continued)

ISIC	Description	
<b>181</b>	<b>1810</b>	<b>Manufacture of wearing apparel, except fur apparel</b>
<b>182</b>	<b>1820</b>	<b>Dressing and dyeing of fur; manufacture of articles of fur</b>
<b>191</b>		<b>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness</b>
	1911	Tanning and dressing of leather
	1912	Manufacture of luggage, handbags and the like, saddlery and harness
<b>192</b>	<b>1920</b>	<b>Manufacture of footwear</b>
<b>201</b>	<b>2010</b>	<b>Sawmilling and planing of wood</b>
<b>202</b>		<b>Manufacture of products of wood, cork, straw and plaiting materials</b>
	2021	Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and boards
	2022	Manufacture of builders' carpentry and joinery
	2023	Manufacture of wooden containers
	2029	Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials
<b>210</b>		<b>Manufacture of paper and paper products</b>
	2101	Manufacture of pulp, paper and paperboard
	2102	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
	2109	Manufacture of other articles of paper and paperboard
<b>221</b>		<b>Publishing</b>
	2211	Publishing of books, brochures, musical books and other publications
	2212	Publishing of newspapers, journals and periodicals
	2213	Publishing of recorded media
	2219	Other publishing
<b>222</b>		<b>Printing and service activities related to printing</b>
	2221	Printing
	2222	Service activities related to printing
<b>223</b>	<b>2230</b>	<b>Reproduction of recorded media</b>
<b>231</b>	<b>2310</b>	<b>Manufacture of coke oven products</b>
<b>232</b>	<b>2320</b>	<b>Manufacture of refined petroleum products</b>
<b>233</b>	<b>2330</b>	<b>Processing of nuclear fuel</b>

ISIC REVISION 3 (continued)

ISIC	Description
<b>241</b>	<b>Manufacture of basic chemicals</b>
2411	Manufacture of basic chemicals, except fertilizers and nitrogen compounds
2412	Manufacture of fertilizers and nitrogen compounds
2413	Manufacture of plastics in primary forms and of synthetic rubber
<b>242</b>	<b>Manufacture of other chemical products</b>
2421	Manufacture of pesticides and other agro-chemical products
2422	Manufacture of paints, varnishes and similar coatings, printing ink and mastics
2423	Manufacture of pharmaceuticals, medicinal chemicals and botanical products
2424	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations
2429	Manufacture of other chemical products n.e.c.
<b>243</b>	<b>2430 Manufacture of man-made fibres</b>
<b>251</b>	<b>Manufacture of rubber products</b>
2511	Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres
2519	Manufacture of other rubber products
<b>252</b>	<b>2520 Manufacture of plastics products</b>
<b>261</b>	<b>2610 Manufacture of glass and glass products</b>
<b>269</b>	<b>Manufacture of non-metallic mineral products n.e.c.</b>
2691	Manufacture of non-structural non-refractory ceramic ware
2692	Manufacture of refractory ceramic products
2693	Manufacture of structural non-refractory clay and ceramic products
2694	Manufacture of cement, lime and plaster
2695	Manufacture of articles of concrete, cement and plaster
2696	Cutting, shaping and finishing of stone
2699	Manufacture of other non-metallic mineral products n.e.c.
<b>271</b>	<b>2710 Manufacture of basic iron and steel</b>
<b>272</b>	<b>2720 Manufacture of basic precious and non-ferrous metals</b>
<b>273</b>	<b>Casting of metals</b>
2731	Casting of iron and steel
2732	Casting of non-ferrous metals
<b>281</b>	<b>Manufacture of structural metal products, tanks, reservoirs and steam generators</b>
2811	Manufacture of structural metal products
2812	Manufacture of tanks, reservoirs and containers of metal
2813	Manufacture of steam generators, except central heating hot water boilers

**ISIC REVISION 3 (continued)**

<b>ISIC</b>	<b>Description</b>
<b>289</b>	<b>Manufacture of other fabricated metal products; metal working service activities</b>
2891	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
2892	Treatment and coating of metals; general mechanical engineering on a fee or contract basis
2893	Manufacture of cutlery, hand tools and general hardware
2899	Manufacture of other fabricated metal products n.e.c.
<b>291</b>	<b>Manufacture of general purpose machinery</b>
2911	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
2912	Manufacture of pumps, compressors, taps and valves
2913	Manufacture of bearings, gears, gearing and driving elements
2914	Manufacture of ovens, furnaces and furnace burners
2915	Manufacture of lifting and handling equipment
2919	Manufacture of other general purpose machinery
<b>292</b>	<b>Manufacture of special purpose machinery</b>
2921	Manufacture of agricultural and forestry machinery
2922	Manufacture of machine-tools
2923	Manufacture of machinery for metallurgy
2924	Manufacture of machinery for mining, quarrying and construction
2925	Manufacture of machinery for food, beverage and tobacco processing
2926	Manufacture of machinery for textile, apparel and leather production
2927	Manufacture of weapons and ammunition
2929	Manufacture of other special purpose machinery
<b>293</b>	<b>2930</b> <b>Manufacture of domestic appliances n.e.c.</b>
<b>300</b>	<b>3000</b> <b>Manufacture of office, accounting and computing machinery</b>
<b>311</b>	<b>3110</b> <b>Manufacture of electric motors, generators and transformers</b>
<b>312</b>	<b>3120</b> <b>Manufacture of electricity distribution and control apparatus</b>
<b>313</b>	<b>3130</b> <b>Manufacture of insulated wire and cable</b>
<b>314</b>	<b>3140</b> <b>Manufacture of accumulators, primary cells and primary batteries</b>
<b>315</b>	<b>3150</b> <b>Manufacture of electric lamps and lighting equipment</b>
<b>319</b>	<b>3190</b> <b>Manufacture of other electrical equipment n.e.c.</b>
<b>321</b>	<b>3210</b> <b>Manufacture of electronic valves and tubes and other electronic components</b>
<b>322</b>	<b>3220</b> <b>Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy</b>
<b>323</b>	<b>3230</b> <b>Manufacture of television and radio receivers, sound or video recording or reproducing apparatus, and associated goods</b>

ISIC REVISION 3 (continued)

ISIC	Description
<b>331</b>	<b>Manufacture of medical appliances and instruments and appliances for measuring, checking, testing, navigating and other purposes, except optical instruments</b>
3311	Manufacture of medical and surgical equipment and orthopaedic appliances
3312	Manufacture of instruments and appliances for measuring, checking, testing, navigating and other purposes, except industrial process control equipment
3313	Manufacture of industrial process control equipment
<b>332</b>	<b>3320 Manufacture of optical instruments and photographic equipment</b>
<b>333</b>	<b>3330 Manufacture of watches and clocks</b>
<b>341</b>	<b>3410 Manufacture of motor vehicles</b>
<b>342</b>	<b>3420 Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers</b>
<b>343</b>	<b>3430 Manufacture of parts and accessories for motor vehicles and their engines</b>
<b>351</b>	<b>Building and repairing of ships and boats</b>
3511	Building and repairing of ships
3512	Building and repairing of pleasure and sporting boats
<b>352</b>	<b>3520 Manufacture of railway and tramway locomotives and rolling stock</b>
<b>353</b>	<b>3530 Manufacture of aircraft and spacecraft</b>
<b>359</b>	<b>Manufacture of transport equipment n.e.c.</b>
3591	Manufacture of motorcycles
3592	Manufacture of bicycles and invalid carriages
3599	Manufacture of other transport equipment n.e.c.
<b>361</b>	<b>3610 Manufacture of furniture</b>
<b>369</b>	<b>Manufacturing n.e.c.</b>
3691	Manufacture of jewellery and related articles
3692	Manufacture of musical instruments
3693	Manufacture of sports goods
3694	Manufacture of games and toys
3699	Other manufacturing n.e.c.
<b>371</b>	<b>3710 Recycling of metal waste and scrap</b>
<b>372</b>	<b>3720 Recycling of non-metal waste and scrap</b>

## APPENDIX III

## DESCRIPTION OF DATA USED IN SECTION 1.2

Country or area	Value added				Output				Employment			Country or area
	Factor values	Producers' prices	Unspecified	Mixed	Factor values	Producers' prices	Unspecified	Mixed	Persons engaged	Employees	Mixed	
Australia	X				X						X	Australia
Belgium	X					X				X		Belgium
Bolivia		X				X				X		Bolivia
Bulgaria			X				X			X		Bulgaria
Cameroon		X				X			X			Cameroon
Chile		X				X				X		Chile
China			X				X			X		China
China (Hong Kong SAR)		X				X					X	China (Hong Kong SAR)
China (Macao SAR)		X				X				X		China (Macao SAR)
China (Taiwan Province)		X					X			X		China (Taiwan Province)
Colombia		X				X				X		Colombia
Costa Rica		X				X				X		Costa Rica
Côte d'Ivoire		X					X			X		Côte d'Ivoire
Croatia			X				X			X		Croatia
Cyprus		X				X				X		Cyprus
Czech Republic			X				X			X		Czech Republic
Denmark	X				X					X		Denmark
Ecuador		X				X				X		Ecuador
Egypt	X				X						X	Egypt
El Salvador		X					X			X		El Salvador
Ethiopia		X				X				X		Ethiopia
Fiji		X				X				X		Fiji
Finland				X			X			X		Finland
France			X				X			X		France
Guatemala						X					X	Guatemala
Honduras	X					X			X			Honduras
Iceland			X				X				X	Iceland
India	X				X					X		India
Indonesia	X					X				X		Indonesia
Jamaica		X				X				X		Jamaica
Japan			X				X				X	Japan
Jordan		X				X				X		Jordan

Country or area	Value added				Output				Employment			Country or area
	Factor values	Producers' prices	Unspecified	Mixed	Factor values	Producers' prices	Unspecified	Mixed	Persons engaged	Employees	Mixed	
Kenya	X				X							Kenya
Kuwait		X				X						Kuwait
Latvia	X					X						Latvia
Lithuania						X						Lithuania
Malawi	X				X							Malawi
Malaysia	X				X							Malaysia
Malta		X				X						Malta
Mauritius		X				X					X	Mauritius
Morocco			X				X				X	Morocco
Nepal		X				X					X	Nepal
New Zealand		X						X			X	New Zealand
Norway			X				X				X	Norway
Oman		X				X					X	Oman
Pakistan		X				X					X	Pakistan
Panama		X				X					X	Panama
Puerto Rico			X				X				X	Puerto Rico
Republic of Korea		X				X					X	Republic of Korea
Russian Federation			X			X					X	Russian Federation
Saint Lucia			X				X					Saint Lucia
Senegal		X						X				Senegal
Singapore	X				X				X			Singapore
Slovakia			X				X				X	Slovakia
Slovenia				X			X				X	Slovenia
Spain				X			X				X	Spain
The f. Yugosl. Rep. of Macedonia			X				X				X	The f. Yugosl. Rep. of Macedonia
Tunisia		X				X					X	Tunisia
Turkey		X				X					X	Turkey
Ukraine					X						X	Ukraine
United Kingdom	X							X			X	United Kingdom
Uruguay		X				X			X			Uruguay
Venezuela		X				X					X	Venezuela
Yugoslavia			X				X				X	Yugoslavia

Part I  
**SUMMARY TABLES**



Section 1.1

**THE MANUFACTURING SECTOR**

TABLE 1.1

## DISTRIBUTION OF WORLD MVA, 1980-1999

Year	Industrialized countries						Developing countries								
	Eastern Europe and former USSR	Western Europe		Japan	North America	Others	Regional groups				Development groups				
		EU a/	Other				Africa	Latin America	South and East Asia	West Asia and Europe	NICs	Second-generation NICs	Least developed countries	China	Others
	Percentage share in world total MVA (at constant 1990 prices)														
1980	9.3	35.1	1.7	13.9	23.6	2.0	0.9	6.7	5.1	1.7	8.3	1.6	0.4	1.4	2.7
1985	9.6	32.4	1.5	15.7	23.6	1.8	1.0	5.9	6.6	1.9	8.3	1.8	0.4	2.0	2.9
1990	8.4	31.5	1.4	17.1	23.1	1.7	1.0	5.3	8.7	1.8	8.7	2.4	0.3	2.6	2.8
1995	3.6	30.8	1.4	16.5	24.8	1.8	0.9	5.4	13.2	1.6	9.4	3.2	0.3	5.2	3.0
1996	3.5	29.8	1.4	17.0	24.6	1.7	0.9	5.5	13.9	1.7	9.6	3.4	0.4	5.6	3.0
1997	3.4	29.6	1.4	16.8	24.7	1.7	0.9	5.5	14.2	1.8	9.7	3.4	0.4	5.9	3.0
1998 b/	3.4	30.1	1.4	15.4	25.4	1.7	1.0	5.6	14.2	1.8	9.7	3.1	0.4	6.4	3.0
1999 c/	3.4	29.2	1.3	15.4	25.8	1.6	1.0	5.5	15.1	1.7	10.0	3.2	0.4	6.7	3.0
	Percentage share in world total MVA (at current prices)														
1995	2.9	29.9	1.4	20.9	22.8	1.7	0.8	5.6	12.4	1.6	9.4	3.4	0.4	4.3	2.9
1996	2.9	29.8	1.4	18.5	23.3	1.7	0.9	6.0	13.9	1.6	10.0	3.7	0.4	5.1	3.2
1997	2.9	28.2	1.3	17.2	24.8	1.8	0.9	6.7	14.5	1.7	10.5	3.6	0.5	5.7	3.5
1998 b/	3.0	29.8	1.3	15.2	26.2	1.6	1.0	6.8	13.3	1.8	9.8	2.8	0.5	6.1	3.7

a/ After 1990 including estimates for the eastern part of Germany.

b/ Provisional.

c/ Estimate.

TABLE 1.2 DISTRIBUTION OF MVA AND POPULATION AMONG SELECTED GROUPS OF DEVELOPING COUNTRIES, SELECTED YEARS

(Percentage)

Country group	MVA at constant 1990 prices						MVA at current prices				Population			
	1985	1990	1995	1996	1997	1998a/	1995	1996	1997	1998a/	1985	1990	1995	1998
Low income	16.0	18.4	18.7	18.8	18.3	17.5	18.1	18.2	17.6	15.3	47.2	47.8	48.5	48.9
Middle income	19.0	20.8	20.3	20.2	20.2	19.1	23.1	22.3	20.4	18.5	11.2	11.4	11.6	11.8
High income	51.8	45.2	36.3	35.4	35.0	35.1	37.6	36.8	37.9	39.7	11.9	11.9	11.8	11.8
China	13.2	15.6	24.7	25.6	26.5	28.3	21.2	22.7	24.1	26.5	29.7	28.9	28.1	27.5
Developing countries	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Least developed countries	2.5	2.1	1.7	1.6	1.6	1.6	1.7	1.7	2.0	2.3	11.7	12.1	12.4	12.7
NICs	53.9	51.6	44.5	43.9	43.4	42.8	46.3	44.8	44.2	42.8	31.0	30.8	30.8	30.7
Second-generation NICs	11.8	14.3	15.1	15.3	15.2	13.9	16.4	16.7	15.1	12.0	11.3	11.2	11.2	11.2
China	13.2	15.6	24.7	25.6	26.5	28.3	21.2	22.7	24.1	26.5	29.7	28.9	28.1	27.5
Other developing countries	18.6	16.4	14.0	13.6	13.3	13.4	14.4	14.1	14.6	16.4	16.3	17.0	17.5	17.9
Developing countries	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Africa	6.6	5.8	4.4	4.3	4.2	4.3	3.8	3.8	3.8	4.4	14.1	14.7	15.3	15.7
Latin America	38.1	31.5	25.6	24.9	24.7	24.8	27.5	26.9	28.0	29.7	11.3	11.2	11.2	11.2
South and East Asia	42.6	51.7	62.2	63.1	63.3	63.0	61.0	62.1	61.0	58.1	70.8	70.2	69.5	69.1
West Asia and Europe	12.7	11.0	7.8	7.7	7.8	7.9	7.7	7.2	7.2	7.8	3.8	3.9	4.0	4.0
Developing countries	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

a/ Provisional.

TABLE 1.3

ANNUAL GROWTH OF MVA, 1980-1998 AND PER-CAPITA MVA, 1998<sup>a/</sup>

Country group or country/area	Total MVA						Per-capita MVA						
	Growth rate (percentage)		Index (1990 = 100)				Growth rate (percentage)		Index (1990 = 100)				Value (dollars)
	1980-1990	1990-1998	1995	1996	1997	1998 b/	1980-1990	1990-1998	1995	1996	1997	1998 b/	1998 b/
Industrialized countries	2.8	1.6	103	105	109	111	2.0	1.1	100	102	106	107	3542
Eastern Europe and former USSR	2.6	-5.1	62	63	65	65	1.8	-5.1	62	63	64	65	655
EU	1.8	1.1	102	102	106	110	1.5	0.8	100	100	103	107	4719
Austria	2.7	1.5	105	107	111	115	2.5	0.8	101	102	106	109	5105
Belgium	2.7	1.4	103	104	108	110	2.7	1.1	101	102	106	108	4435
Denmark	1.6	1.4	109	104	107	109	1.6	1.1	107	102	104	106	4300
Finland	3.4	5.4	113	116	128	140	2.9	5.0	110	113	124	135	7477
France	0.8	1.7	101	103	108	113	0.3	1.3	99	101	105	110	4947
Germany, western part	1.5	-0.5	95	93	97	101	1.4	-1.0	91	90	93	97	7043
Greece	0.5	0.5	96	100	100	105	-0.1	0.0	93	97	97	101	943
Ireland	4.5	...	...	...	...	...	4.3	...	...	...	...	...	...
Italy	2.3	1.5	108	106	109	111	2.2	1.4	107	105	108	110	4802
Luxembourg	4.2	1.3	103	101	109	113	3.7	-0.0	96	93	99	102	6187
Netherlands	2.3	2.2	109	109	115	117	1.8	1.6	105	105	110	112	4029
Portugal	3.0	1.3	103	104	109	111	3.0	1.3	103	104	109	111	2112
Spain	2.1	0.5	97	96	103	110	1.6	0.4	96	96	103	109	3087
Sweden	2.6	4.7	115	118	127	133	2.3	4.2	112	114	123	128	6766
United Kingdom	1.8	1.2	102	103	104	105	1.6	1.0	101	101	102	103	3524
Other Western Europe	1.2	1.9	106	107	112	116	0.5	1.2	103	103	106	110	6781
Iceland	0.7	1.8	101	106	110	116	-0.5	0.7	96	100	103	107	3431
Norway	0.2	2.4	109	111	115	118	-0.2	1.9	106	108	111	113	3598
Switzerland	1.5	1.8	106	106	111	116	0.6	1.0	101	101	105	108	8836
Japan	4.8	1.2	104	111	115	108	4.2	1.0	103	109	113	105	7131
North America	3.1	4.1	116	119	125	131	2.1	3.0	110	112	117	121	4857
Canada	3.3	3.8	111	113	121	126	2.1	2.5	105	105	111	114	3655
United States of America	3.1	4.1	117	119	126	131	2.1	3.1	111	113	118	122	4991
Others	1.3	2.6	112	115	116	118	-0.6	0.8	102	103	103	103	1452
Australia	1.9	2.0	108	111	111	114	0.4	0.8	102	103	102	104	2430
Israel	2.8	6.3	144	152	155	159	1.0	2.9	121	124	123	124	3092
New Zealand	0.5	3.5	119	120	123	126	-0.3	1.8	109	109	110	112	2551
South Africa	-0.1	1.1	101	102	105	103	-2.2	-0.7	91	91	92	89	636

a/ At constant 1990 prices.

b/ Provisional.

TABLE 1.3  
(continued)

ANNUAL GROWTH OF MVA, 1980-1998 AND PER-CAPITA MVA, 1998<sup>a/</sup>

Country group or country/area	Total MVA						Per-capita MVA						
	Growth rate (percentage)		Index (1990 = 100)				Growth rate (percentage)		Index (1990 = 100)				Value (dollars)
	1980-1990	1990-1998	1995	1996	1997	1998 b/	1980-1990	1990-1998	1995	1996	1997	1998 b/	1998 b/
Developing countries excluding China	5.1	6.7	137	147	157	160	2.9	4.9	125	132	139	140	292
	4.3	4.5	122	129	137	136	1.9	2.5	110	115	119	117	289
Algeria	3.3	-9.0	55	50	48	52	0.4	-11.1	48	43	41	43	106
Angola	-1.3	-2.7	70	72	79	82	-4.0	-5.9	59	58	62	63	35
Anguilla	6.6	6.2	111	138	147	161	6.6	4.1	97	121	128	141	69
Antigua and Barbuda	4.3	-0.8	82	85	90	95	3.8	-1.3	79	83	87	91	181
Argentina	-0.8	4.2	124	132	144	146	-2.2	2.8	116	121	131	131	1530
Bahrain	8.3	7.8	156	160	166	179	4.6	5.2	137	137	140	147	2011
Bangladesh	3.1	7.7	148	157	167	182	0.9	6.0	136	142	149	160	61
Barbados	-0.6	1.4	97	97	101	108	-0.9	0.9	94	94	97	103	477
Belize	1.3	2.9	121	122	124	119	-1.2	0.3	106	104	104	96	273
Benin	1.3	5.0	125	134	142	146	-1.7	2.2	109	114	117	118	37
Bermuda	1.2	2.5	109	112	117	118	0.3	1.5	104	105	109	109	3016
Bhutan	12.7	10.6	170	198	205	232	9.9	8.4	156	177	179	196	27
Bolivia	-0.6	4.3	123	129	132	137	-2.6	1.8	109	112	112	114	143
Botswana	8.7	3.5	116	122	128	136	5.0	0.9	100	103	106	111	160
Brazil	1.6	2.5	104	107	111	112	-0.3	1.0	97	98	101	100	702
British Virgin Islands	11.1	6.5	145	152	153	154	7.7	3.6	122	128	122	123	700
Brunei Darussalam	-0.3	-1.3	76	77	79	78	-3.1	-3.8	66	66	66	63	796
Burkina Faso	2.0	3.1	105	108	121	135	-0.7	0.3	91	92	99	109	51
Burundi	5.1	-9.3	68	57	55	56	2.2	-11.2	60	49	47	47	13
Cambodia	8.0	8.2	141	160	172	183	4.7	5.4	122	135	142	148	13
Cameroon	10.4	-1.0	80	87	95	102	7.3	-3.7	70	74	78	82	142
Cape Verde	9.3	2.1	67	109	119	119	7.5	-0.2	60	95	101	99	81
Central African Republic	5.0	-0.7	107	94	86	90	2.5	-2.8	95	82	74	76	40
Chad	6.8	1.6	84	89	97	107	4.2	-1.4	72	74	79	85	37
Chile	3.6	5.7	141	145	153	151	1.9	4.1	130	132	137	133	648
China	10.7	14.7	216	241	266	289	9.1	13.5	204	225	247	266	301
China (Hong Kong SAR)	4.7	-1.3	96	92	91	83	3.5	-3.2	88	82	80	71	1519
China (Taiwan Province)	8.4	5.0	128	134	143	147	7.0	4.0	122	127	134	137	3533
Colombia	3.5	1.4	111	108	111	112	1.4	-0.5	101	96	97	96	221
Comoros	4.9	0.0	97	97	97	99	1.8	-2.7	85	82	80	79	16
Congo	6.9	-2.2	92	93	83	84	3.9	-4.9	80	78	68	67	71
Costa Rica	3.0	3.9	128	123	130	139	0.1	0.9	110	103	105	110	395
Côte d'Ivoire	3.0	3.7	104	113	126	138	-0.5	1.1	90	95	105	112	217
Cuba	4.4	-0.2	77	83	89	90	3.4	-0.8	74	80	86	86	377
Cyprus	4.3	-0.8	101	96	95	96	3.2	-2.3	92	86	85	85	984
Democratic Rep. of the Congo	1.6	-7.3	51	51	49	47	-1.6	-10.5	42	41	38	36	10
Djibouti	1.0	-1.9	81	98	88	89	-5.0	-4.1	69	83	74	74	28
Dominica	5.8	2.5	105	111	114	138	6.1	2.5	105	111	114	138	214
Dominican Republic	2.9	4.1	120	125	135	141	0.6	2.2	109	111	118	122	218
Ecuador	-0.0	3.0	117	121	125	126	-2.5	0.9	105	106	108	106	213

a/ At constant 1990 prices.

b/ Provisional.

TABLE 1.3  
(continued)

ANNUAL GROWTH OF MVA, 1980-1998 AND PER-CAPITA MVA, 1998<sup>a/</sup>

Country group or country/area	Total MVA						Per-capita MVA					Value (dollars)	
	Growth rate (percentage)		Index (1990 = 100)				Growth rate (percentage)		Index (1990 = 100)				
	1980-1990	1990-1998	1995	1996	1997	1998 b/	1980-1990	1990-1998	1995	1996	1997		1998 b/
Egypt	6.5	5.3	123	131	142	154	3.8	3.3	111	116	124	131	260
El Salvador	1.0	5.4	132	134	144	156	0.0	3.2	119	118	125	132	299
Equatorial Guinea	2.8	4.3	129	134	129	144	-2.2	1.6	114	115	108	118	7
Ethiopia	2.6	7.1	99	107	113	119	-0.2	4.2	86	90	93	96	12
Fiji	1.1	3.9	123	127	126	132	-0.3	2.7	116	119	116	120	240
French Guiana	-0.5	2.9	131	130	132	134	-5.8	-1.6	105	99	96	94	501
French Polynesia	6.2	4.4	131	134	136	137	3.5	2.5	119	120	119	119	1004
Gabon	1.8	0.9	107	116	115	116	-1.2	-1.9	93	98	94	93	331
Gambia	7.8	0.8	104	103	105	109	3.9	-2.8	86	83	81	81	16
Ghana	3.9	3.2	112	116	125	129	0.5	0.2	96	97	101	101	39
Grenada	12.1	4.5	120	126	133	152	11.8	4.2	118	125	130	149	189
Guadeloupe	2.4	...	...	...	...	...	0.5	...	...	...	...	...	...
Guatemala	0.0	2.8	116	118	121	125	-2.4	0.2	101	101	101	101	134
Guinea	4.8	1.1	103	106	110	116	2.2	-2.1	83	84	87	91	20
Guinea-Bissau	-5.0	-2.7	103	105	108	60	-6.8	-4.8	92	92	93	50	9
Guyana	-8.0	4.9	134	141	145	132	-8.4	4.0	128	134	136	123	56
Haiti	-1.7	-9.4	39	40	40	41	-4.0	-10.9	36	36	36	36	20
Honduras	3.7	4.1	119	124	132	139	0.5	1.2	102	104	108	111	101
India	7.4	7.4	137	148	154	160	5.2	5.5	125	132	136	138	83
Indonesia	12.6	8.8	169	189	199	175	10.5	7.2	156	172	178	155	200
Iran (Islamic Republic of)	4.5	4.9	133	141	153	154	0.8	3.0	120	125	133	132	263
Iraq	1.8	...	...	...	...	...	-1.6	...	...	...	...	...	...
Jamaica	2.7	-1.9	91	88	86	82	1.7	-2.7	87	83	81	76	266
Jordan	2.2	6.5	162	147	154	156	-2.3	2.3	130	115	116	114	160
Kenya	4.9	2.5	113	117	120	121	1.3	-0.2	98	99	99	98	36
Kuwait	2.8	20.4	220	243	255	267	-2.0	23.8	279	309	316	316	3153
Lebanon	-7.6	1.8	115	115	120	123	-7.1	-1.2	98	96	97	99	167
Lesotho	13.6	8.0	156	178	180	158	10.8	5.6	140	156	154	132	49
Liberia	1.0	...	...	...	...	...	-2.4	...	...	...	...	...	...
Libyan Arab Jamahiriya	8.9	8.2	155	170	175	172	4.9	5.7	138	147	149	142	638
Madagascar	0.9	0.9	99	100	102	106	-1.7	-2.3	84	82	81	82	24
Malawi	3.6	0.5	103	102	103	108	-0.8	-0.5	100	97	95	98	33
Malaysia	8.9	10.5	173	205	226	195	6.1	8.0	154	178	192	163	1035
Maldives	12.0	8.7	152	165	181	198	8.6	5.7	132	139	148	158	58
Mali	6.8	4.6	127	134	141	141	4.1	2.2	113	117	119	116	26
Malta	1.7	4.9	128	134	144	144	0.9	3.8	121	126	134	133	2344
Martinique	10.1	-1.5	63	63	64	67	9.0	-2.4	60	60	60	62	439
Mauritania	4.0	-1.7	106	119	93	92	-1.2	-4.4	92	101	77	74	34
Mauritius	11.1	5.5	129	137	145	154	10.1	4.5	123	129	135	143	706
Mexico	1.5	3.6	106	117	129	138	-0.6	1.8	97	105	114	120	722
Mongolia	5.8	0.3	86	87	90	93	2.7	-1.6	78	77	79	80	196
Montserrat	0.8	...	...	...	...	...	1.5	...	...	...	...	...	...
Morocco	4.1	2.6	113	116	120	123	1.9	0.9	104	105	107	108	214

a/ At constant 1990 prices.  
b/ Provisional.

TABLE 1.3  
(continued)

ANNUAL GROWTH OF MVA, 1980-1998 AND PER-CAPITA MVA, 1998<sup>a/</sup>

Country group or country/area	Total MVA						Per-capita MVA						
	Growth rate (percentage)		Index (1990 = 100)				Growth rate (percentage)		Index (1990 = 100)				Value (dollars)
	1980-1990	1990-1998	1995	1996	1997	1998 b/	1980-1990	1990-1998	1995	1996	1997	1998 b/	1998 b/
Myanmar	-0.1	6.7	136	142	149	158	-1.9	5.5	128	133	138	144	66
Namibia	3.7	3.6	125	117	126	128	0.9	1.0	109	99	105	104	224
Nepal	6.6	10.2	189	206	221	224	3.9	7.5	167	177	186	184	20
Netherlands Antilles	-1.0	0.4	95	97	98	102	-1.7	-1.2	87	88	87	90	596
New Caledonia	4.4	2.9	114	118	124	128	2.7	0.2	99	100	103	104	699
Nicaragua	-3.1	1.3	105	107	111	114	-5.7	-1.5	90	90	91	90	44
Niger	6.1	1.9	100	104	109	112	2.7	-1.5	84	85	86	86	18
Nigeria	0.7	1.9	112	115	116	119	-2.2	-1.0	96	96	94	95	17
Oman	21.0	8.4	159	167	174	189	15.6	5.0	133	134	138	147	283
Pakistan	7.7	4.4	132	139	140	138	4.1	1.6	116	118	116	111	57
Panama	0.4	4.2	134	132	141	146	-1.7	2.4	122	118	125	126	265
Papua New Guinea	0.8	6.0	134	154	162	166	-1.3	3.7	120	134	138	139	104
Paraguay	2.1	0.9	108	106	106	107	-1.0	-1.8	95	90	88	86	186
Peru	-0.4	5.5	133	136	144	147	-2.6	3.7	122	123	128	127	576
Philippines	0.2	3.0	111	117	121	120	-2.0	0.7	98	101	103	100	181
Puerto Rico	3.7	4.3	127	133	137	141	2.7	3.2	121	125	128	130	4682
Qatar	8.7	4.6	115	121	130	138	0.7	2.4	101	105	111	116	2265
Republic of Korea	12.1	6.9	150	160	170	158	10.8	5.9	143	151	160	147	2492
Réunion	4.8	2.5	105	108	112	115	2.9	1.0	97	99	100	102	880
Rwanda	2.6	1.9	75	86	100	110	-0.8	3.5	99	110	117	116	79
Saint Lucia	4.5	0.1	106	105	104	96	3.0	-1.3	99	96	94	85	142
Sao Tome and Principe	-0.8	1.3	106	107	108	110	-3.1	-0.9	95	94	93	93	22
Saudi Arabia	7.5	2.6	128	130	133	137	2.1	-0.3	112	111	110	109	540
Senegal	4.6	2.4	104	109	113	122	1.7	-0.2	92	94	95	99	101
Seychelles	6.1	7.4	127	144	185	189	5.0	6.3	122	137	173	174	926
Sierra Leone	4.1	1.3	115	117	97	98	1.8	-0.3	110	109	88	85	7
Singapore	6.6	6.8	147	152	158	157	5.4	4.7	134	135	138	135	5325
Solomon Islands	2.3	2.1	115	122	120	113	-1.2	-1.2	98	100	95	87	16
Somalia	1.8	-2.4	92	95	93	95	-1.0	-4.3	87	87	82	80	5
Sri Lanka	4.9	8.3	151	162	176	187	3.5	7.2	144	152	164	173	139
St. Kitts and Nevis	0.8	3.9	111	116	138	132	1.3	4.8	117	122	149	142	634
St. Vincent and the Grenadines	4.7	1.4	112	117	116	110	3.9	0.6	108	112	110	104	140
Sudan	1.1	1.8	107	112	118	126	-1.4	-0.3	97	99	103	107	94
Suriname	-3.4	-3.9	70	74	73	74	-4.6	-4.2	69	72	71	72	374
Swaziland	15.9	3.1	114	117	123	127	12.5	0.2	98	98	100	100	334
Syrian Arab Republic	3.5	7.0	153	163	169	175	-0.2	4.2	133	138	140	141	144
Thailand	9.5	7.5	168	180	181	162	7.6	6.4	159	169	169	149	623
Togo	1.7	2.1	104	107	110	120	-1.3	-0.7	90	90	90	96	44
Tonga	5.8	-2.8	74	81	83	81	5.3	-3.1	73	80	82	79	48
Trinidad and Tobago	-1.4	1.3	105	101	113	116	-2.6	0.6	101	97	107	110	395
Tunisia	3.7	5.4	132	135	145	150	1.3	3.6	120	121	128	131	335
Turkey	7.3	5.5	125	133	149	151	4.8	3.7	114	120	132	131	775
Uganda	4.4	14.2	179	215	244	279	2.1	11.0	156	182	201	223	23

a/ At constant 1990 prices.  
b/ Provisional.

TABLE 1.3  
(continued)

ANNUAL GROWTH OF MVA, 1980-1998 AND PER-CAPITA MVA, 1998<sup>a/</sup>

Country group or country/area	Total MVA						Per-capita MVA						
	Growth rate (percentage)		Index (1990 = 100)				Growth rate (percentage)		Index (1990 = 100)				Value (dollars)
	1980-1990	1990-1998	1995	1996	1997	1998 b/	1980-1990	1990-1998	1995	1996	1997	1998 b/	1998 b/
United Arab Emirates	2.9	4.5	121	130	133	133	-3.3	1.9	105	111	111	109	1428
United Republic of Tanzania	-0.7	1.8	101	104	109	116	-3.8	-1.2	86	86	89	92	11
Uruguay	0.4	0.3	93	97	102	105	-0.3	-0.4	90	93	97	99	700
Vanuatu	15.1	0.6	107	110	111	109	12.3	-1.9	94	95	94	89	48
Venezuela	2.5	1.5	117	114	120	115	-0.1	-0.7	105	100	103	97	494
Yemen	7.2	1.6	108	120	124	129	3.5	-3.1	84	89	89	89	64
Yugoslavia (former)	1.7	...	...	...	...	...	1.0	...	...	...	...	...	...
Zambia	4.1	-14.5	37	39	41	41	1.7	-16.5	32	33	35	34	56
Zimbabwe	3.1	-1.7	84	88	91	88	-0.2	-3.4	77	79	80	76	140
Low income	6.7	6.5	139	150	156	153	4.2	4.4	126	133	136	130	105
Middle income	6.8	5.7	134	142	153	147	4.3	3.4	120	125	131	124	474
High income	2.6	3.1	110	115	122	124	0.4	1.5	101	104	109	109	867
Africa	4.3	2.0	102	107	113	119	1.3	-0.6	90	92	94	97	80
North Africa	4.7	2.7	108	112	119	125	2.1	0.7	98	100	103	107	213
UMA	4.2	0.6	97	99	101	104	1.6	-1.5	88	87	88	88	210
Central Africa	4.5	-1.8	76	80	84	89	1.4	-4.6	66	68	69	71	44
CEPGL	2.1	-4.2	60	62	64	66	-1.1	-6.8	52	53	53	53	18
CEMAC	8.2	-0.6	86	92	96	102	5.3	-3.3	75	77	79	82	103
Western Africa (ECOWAS)	2.6	2.8	107	113	120	127	-0.4	-0.1	93	95	98	102	39
Eastern and southern Africa	4.1	0.5	94	99	103	106	1.1	-2.0	83	84	86	86	38
Latin America	1.3	3.2	111	116	123	126	-0.6	1.4	102	105	109	110	646
LAIA	1.2	3.1	110	115	123	125	-0.7	1.5	101	105	109	110	672
Andean group	1.4	3.0	121	120	126	126	-0.9	1.0	109	107	109	107	353
CACM	1.2	4.0	124	124	131	139	-1.1	1.2	108	106	109	112	177
CARICOM	0.1	-0.4	95	93	96	95	-0.8	-1.3	91	89	91	89	275
OECS	4.2	1.7	106	109	114	115	3.7	1.1	103	105	110	110	200
South and East Asia	9.0	9.5	165	179	192	195	6.9	7.9	152	164	173	173	267
ASEAN	7.5	7.7	158	172	180	164	5.4	6.0	145	156	161	144	320
West Asia and Europe	4.0	2.4	96	102	111	114	1.2	0.3	87	90	96	97	575
Least developed countries	2.3	3.2	109	115	121	129	-0.4	0.8	97	100	103	107	38
African LDCs	2.1	-0.2	87	91	96	101	-0.8	-2.8	76	78	80	82	28
NICs	4.0	4.3	118	125	132	133	2.0	2.6	108	113	118	116	406
Second-generation NICs	7.1	6.7	144	157	166	156	5.0	4.9	132	142	148	136	362
World	3.1	2.6	108	112	117	119	1.4	1.1	101	103	106	107	1011

a/ At constant 1990 prices.

b/ Provisional.



TABLE 1.4.

## SHARE OF MVA IN GDP, SELECTED YEARS

(Percentage)

Country group or country/area	At constant 1990 prices						At current prices					
	1985	1990	1995	1996	1997	1998a/	1985	1990	1995	1996	1997	1998a/
Industrialized countries	23.3	22.8	22.0	21.9	22.1	22.0	...	22.8	...	...	...	...
Eastern Europe and former USSR	30.9	31.7	29.1	29.5	29.9	30.3	...	31.7	...	...	...	...
EU	25.4	24.5	23.3	22.9	23.2	23.4	25.8	24.5	22.1	21.6	21.7	21.8
Austria	23.7	23.6	22.2	22.3	22.7	22.8	24.7	23.6	20.8	20.5	21.0	21.2
Belgium	22.1	21.9	20.9	20.9	21.2	21.0	22.4	21.9	19.8	19.5	19.5	19.3
Denmark	19.1	17.3	17.4	16.3	16.3	16.3	18.2	17.3	17.1	16.4	16.2	16.6
Finland	22.9	22.4	26.0	25.7	26.6	27.6	24.9	22.4	25.2	23.7	24.3	25.0
France	23.1	22.3	21.5	21.6	22.2	22.6	23.1	22.3	20.1	20.0	20.3	20.5
Germany, western part	33.3	31.7	27.8	27.2	27.5	28.1	32.6	31.7	26.2	25.8	25.9	26.6
Greece	17.6	16.4	14.7	15.0	14.5	14.7	18.2	16.4	13.9	14.0	13.1	12.4
Ireland	29.3	28.5	...	...	...	...	26.0	28.5	...	...	...	...
Italy	23.2	23.5	23.8	23.1	23.3	23.4	25.6	23.5	22.2	21.3	21.2	21.3
Luxembourg	24.6	21.5	16.9	16.1	16.7	16.6	25.8	21.5	15.3	14.8	14.3	14.2
Netherlands	20.2	20.1	19.7	19.2	19.5	19.3	18.6	20.1	18.7	18.1	18.0	17.7
Portugal	26.8	27.2	25.4	24.9	25.0	24.8	29.6	27.2	26.2	25.7	25.7	25.1
Spain	23.6	22.4	20.5	19.8	20.5	21.0	25.7	22.4	18.4	17.9	18.5	19.1
Sweden	22.6	21.4	23.9	24.1	25.6	26.0	23.7	21.4	21.8	21.6	22.3	22.2
United Kingdom	24.0	22.1	21.2	20.8	20.4	20.0	23.9	22.1	20.7	20.5	20.2	19.9
Other Western Europe	20.9	20.1	20.3	20.0	20.3	20.6	20.9	20.1	19.3	18.5	18.2	18.8
Iceland	19.5	16.3	16.3	16.1	15.9	15.9	18.2	16.3	16.1	16.0	15.5	15.0
Norway	15.0	12.5	11.4	11.1	11.0	11.1	13.7	12.5	13.4	12.5	12.3	12.8
Switzerland	23.7	23.7	25.1	25.1	25.9	26.4	25.1	23.7	21.9	21.3	21.4	21.8
Japan	26.8	26.8	26.0	26.4	27.1	25.9	28.4	26.8	23.6	23.5	23.5	22.6
North America	18.4	17.9	18.5	18.3	18.5	18.6	19.0	17.9	17.5	17.0	16.7	16.5
Canada	18.3	17.5	17.9	18.0	18.4	18.6	18.4	17.5	19.2	19.0	19.5	20.0
United States of America	18.4	17.9	18.6	18.4	18.5	18.6	19.0	17.9	17.4	16.8	16.6	16.3
Others	18.4	17.3	16.6	16.4	16.0	15.8	18.8	17.3	17.1	16.6	16.7	16.4
Australia	14.7	13.8	12.7	12.5	12.0	11.9	16.7	13.8	13.8	13.5	13.7	13.4
Israel	22.6	21.1	22.7	22.8	22.6	22.8	22.1	21.1	21.2	21.2	21.3	21.3
New Zealand	21.0	18.4	18.8	18.4	18.5	18.9	21.5	18.4	19.3	19.0	19.1	19.5
South Africa	24.8	24.7	23.9	23.3	23.3	22.8	22.7	24.7	22.2	21.2	20.8	19.8

a/ Provisional.

TABLE 1.4  
(continued)

SHARE OF MVA IN GDP, SELECTED YEARS

(Percentage)

Country group or country/area	At constant 1990 prices						At current prices					
	1985	1990	1995	1996	1997	1998a/	1985	1990	1995	1996	1997	1998a/
Developing countries excluding China	21.6 20.6	22.4 21.1	24.1 21.3	24.5 21.5	24.8 21.6	24.8 21.4	21.5 19.7	22.4 21.1	22.6 20.4	22.5 20.1	22.3 19.7	21.7 18.8
Algeria	15.3	12.1	6.3	5.5	5.3	5.4	12.2	12.1	9.4	9.4	9.3	10.6
Angola	9.7	5.0	4.5	4.1	4.2	4.3	10.1	5.0	4.1	3.5	4.5	5.9
Anguilla	0.7	0.7	0.6	0.6	0.6	0.6	1.0	0.7	0.7	0.7	0.7	0.7
Antigua and Barbuda	3.5	3.3	2.4	2.4	2.4	2.4	4.1	3.3	2.3	2.1	2.1	2.2
Argentina	26.8	26.5	24.7	25.0	25.3	24.6	29.3	26.5	17.1	17.3	18.0	17.7
Bahrain	13.2	15.2	19.1	19.0	19.1	19.6	9.2	15.2	17.3	17.5	17.3	17.2
Bangladesh	15.1	14.6	17.4	17.5	17.7	18.4	16.7	14.6	16.7	16.8	17.3	18.1
Barbados	8.9	8.0	7.7	7.4	7.5	7.6	10.6	8.0	9.6	9.1	8.7	8.2
Belize	17.2	15.0	15.0	14.8	14.6	13.7	16.7	15.0	15.8	15.6	15.8	15.3
Benin	6.4	7.8	8.0	8.1	8.1	8.0	7.9	7.8	8.6	8.3	8.4	8.2
Bermuda	10.0	10.0	9.9	9.9	9.9	9.9	...	10.0	...	...	...	...
Bhutan	5.7	8.1	10.3	11.2	10.8	11.5	5.4	8.1	11.2	12.2	11.3	11.5
Bolivia	16.1	18.2	18.2	18.3	18.0	17.8	15.5	18.2	20.0	20.0	18.2	17.6
Botswana	4.0	4.9	4.6	4.6	4.6	4.8	5.6	4.9	4.7	4.7	4.8	4.8
Brazil	29.2	26.5	24.1	24.1	24.0	24.0	34.1	26.5	23.8	22.9	23.1	22.9
British Virgin Islands	2.4	3.0	3.8	3.8	3.8	3.8	5.0	3.0	2.6	2.6	2.5	2.5
Brunei Darussalam	7.4	8.8	6.1	6.0	5.8	5.7	9.9	8.8	8.2	8.3	8.3	8.3
Burkina Faso	16.6	15.8	14.5	14.1	14.9	15.8	15.3	15.8	19.9	19.1	20.4	21.0
Burundi	11.6	12.9	10.3	9.1	8.8	8.6	8.0	12.9	12.0	9.0	9.6	7.9
Cambodia	4.1	5.2	5.6	6.0	6.3	6.7	...	5.2	5.1	5.3	5.8	6.2
Cameroon	12.2	16.2	14.1	14.6	15.1	15.8	12.5	16.2	11.4	11.3	11.7	11.9
Cape Verde	7.1	8.2	4.2	6.7	6.9	6.6	5.5	8.2	9.9	10.7	10.4	10.3
Central African Republic	11.2	11.3	11.4	10.5	9.2	9.2	9.8	11.3	10.4	10.0	9.2	9.2
Chad	17.7	21.9	16.1	16.6	17.4	17.7	15.9	21.9	18.3	17.4	19.5	19.3
Chile	19.9	20.9	19.4	18.7	18.4	17.5	17.7	20.9	18.4	17.7	17.3	16.4
China	31.6	33.1	40.4	41.1	41.8	42.2	34.6	33.1	37.4	37.8	38.2	37.1
China (Hong Kong SAR)	20.9	16.3	11.8	10.9	10.2	9.9	20.5	16.3	7.7	6.8	5.9	5.6
China (Taiwan Province)	35.7	32.7	30.3	30.0	30.0	29.6	36.9	32.7	27.5	27.4	27.3	26.9
Colombia	20.0	19.9	14.7	13.9	13.8	16.4	21.7	19.9	19.2	17.8	17.1	16.6
Comoros	3.5	4.2	4.3	4.3	4.3	4.3	3.7	4.2	5.3	5.3	5.3	5.3
Congo	7.5	8.3	7.6	7.2	6.5	6.4	5.6	8.3	8.1	6.5	6.1	7.5
Costa Rica	19.3	19.1	19.6	18.9	19.1	19.3	21.8	19.1	18.9	18.7	18.6	18.5
Côte d'Ivoire	22.2	20.9	20.0	20.3	21.4	22.1	14.6	20.9	17.2	17.4	18.2	18.8
Cuba	25.6	23.6	26.0	26.0	27.4	27.4	27.5	23.6	...	...	...	...
Cyprus	16.6	14.8	12.1	11.3	10.9	10.5	16.3	14.8	12.4	12.3	12.2	12.0
Democratic Rep. of the Congo	12.6	11.0	8.6	8.7	8.8	8.3	9.7	11.0	...	...	...	...
Djibouti	5.3	5.3	4.5	5.7	5.2	5.2	4.8	5.3	5.4	5.8	5.8	5.9
Dominica	6.5	6.6	6.3	6.4	6.5	7.6	5.9	6.6	6.8	6.7	6.9	8.1
Dominican Republic	16.9	18.0	17.6	17.0	17.0	16.6	12.3	18.0	17.6	17.0	17.0	16.6
Ecuador	21.9	20.1	19.6	19.9	19.9	19.9	19.7	20.1	21.9	22.5	22.2	24.4

a/ Provisional.

TABLE 1.4  
(continued)

SHARE OF MVA IN GDP, SELECTED YEARS

(Percentage)

Country group or country/area	At constant 1990 prices						At current prices					
	1985	1990	1995	1996	1997	1998 <sup>a/</sup>	1985	1990	1995	1996	1997	1998 <sup>a/</sup>
Egypt	21.9	24.4	25.5	25.9	26.7	27.4	13.5	24.4	24.4	24.3	25.2	25.9
El Salvador	20.8	21.8	22.7	22.6	23.5	24.6	17.9	21.8	21.4	20.9	21.0	21.8
Equatorial Guinea	2.5	1.3	1.5	1.6	1.5	1.5	1.7	1.3	0.8	1.0	1.2	1.2
Ethiopia	9.0	7.8	6.2	6.1	6.1	6.4	7.2	7.8	7.4	7.6	7.7	7.4
Fiji	9.9	10.5	11.5	11.5	11.6	12.0	9.7	10.5	14.7	14.2	14.0	15.5
French Guiana	8.4	5.2	5.4	5.3	5.3	5.3	...	5.2	...	...	...	...
French Polynesia	8.5	7.3	7.7	7.8	7.8	7.8	8.5	7.3	6.7	6.7	6.7	6.7
Gabon	8.3	5.6	5.0	5.2	4.9	4.9	7.2	5.6	5.0	4.5	4.6	4.8
Gambia	6.1	6.6	6.2	6.0	5.8	5.8	8.0	6.6	6.1	6.4	6.2	5.9
Ghana	9.0	9.8	8.9	8.8	9.1	8.9	11.5	9.8	4.3	3.1	2.7	2.3
Grenada	5.2	6.6	7.1	7.3	7.4	8.0	6.1	6.6	6.6	6.9	6.7	7.2
Guadeloupe	5.3	5.9	...	...	...	...	...	5.9	...	...	...	...
Guatemala	15.8	15.0	14.1	13.9	13.7	13.5	15.8	15.0	14.1	14.0	13.7	13.5
Guinea	3.5	4.6	3.7	3.6	3.6	3.6	4.5	4.6	4.8	4.8	4.2	4.1
Guinea-Bissau	11.9	7.1	6.2	6.0	5.9	4.4	10.2	7.1	6.7	6.3	9.9	8.3
Guyana	16.1	10.3	9.3	9.1	8.8	8.2	13.9	10.3	11.4	10.3	11.4	11.1
Haiti	16.7	15.8	7.2	7.3	7.3	7.2	19.1	15.8	6.1	6.6	6.9	7.1
Honduras	15.7	16.3	16.2	16.4	16.5	16.9	14.5	16.3	17.8	18.1	17.9	18.3
India	17.1	18.7	20.2	20.3	20.1	19.6	17.9	18.7	19.1	18.4	18.5	17.6
Indonesia	17.2	20.7	23.9	24.8	24.9	25.3	16.0	20.7	24.1	25.6	26.8	24.9
Iran (Islamic Republic of)	9.0	12.3	12.5	12.7	13.4	13.3	8.5	12.3	14.3	14.6	15.2	15.6
Iraq	12.1	8.4	...	...	...	...	9.1	8.4	...	...	...	...
Jamaica	19.2	18.2	15.3	15.1	15.1	14.4	18.4	18.2	15.9	15.6	15.2	14.1
Jordan	11.9	17.0	19.7	17.7	18.2	18.3	13.2	17.0	17.2	15.1	16.1	15.9
Kenya	11.0	11.4	11.6	11.5	11.4	11.4	11.4	11.4	9.6	9.9	9.4	10.4
Kuwait	7.7	11.5	17.5	18.7	19.3	19.8	5.9	11.5	10.8	11.4	11.4	10.7
Lebanon	13.9	13.1	8.4	8.1	8.1	7.9	12.8	13.1	...	...	...	...
Lesotho	10.2	11.8	14.2	14.3	13.7	12.1	10.2	11.8	14.7	15.0	15.6	15.6
Liberia	6.6	6.9	7.0	7.2	7.2	7.2	6.8	6.9	8.5	8.7	8.8	8.8
Libyan Arab Jamahiriya	6.8	7.9	11.2	12.0	12.1	12.1	4.3	7.9	...	...	...	...
Madagascar	12.3	12.0	11.6	11.5	11.3	11.4	11.3	12.0	11.6	11.5	11.1	11.3
Malawi	16.8	18.8	17.2	14.5	14.0	14.3	14.0	18.8	15.6	13.7	13.2	13.4
Malaysia	19.9	26.5	29.4	31.3	31.9	29.2	19.0	26.5	32.7	34.7	29.3	29.5
Maldives	5.3	5.4	5.8	5.9	6.1	6.0	5.4	5.4	6.5	6.6	6.9	6.8
Mali	7.9	8.6	9.5	9.6	9.4	9.1	7.3	8.6	8.0	7.5	4.3	4.4
Malta	30.2	27.0	26.5	26.8	27.5	26.7	29.4	27.0	22.7	22.3	21.9	21.5
Martinique	5.8	7.2	4.4	4.4	4.4	4.4	...	7.2	...	...	...	...
Mauritania	12.7	10.3	9.0	9.8	7.2	6.9	12.9	10.3	11.3	11.7	9.9	9.1
Mauritius	19.7	23.6	23.5	23.5	23.6	23.8	20.6	23.6	23.7	24.2	24.4	24.7
Mexico	19.3	20.6	20.1	21.2	21.8	22.3	20.4	20.6	19.8	21.0	21.1	21.1
Mongolia	26.5	29.0	29.5	29.7	29.9	29.8	...	29.0	...	...	...	...
Montserrat	6.3	5.8	...	...	...	...	5.7	5.8	...	...	...	...
Morocco	19.9	19.4	20.9	19.1	20.3	19.5	19.5	19.4	19.3	18.0	18.6	18.0

a/ Provisional.

TABLE 1.4  
(continued)

SHARE OF MVA IN GDP, SELECTED YEARS

(Percentage)

Country group or country/area	At constant 1990 prices						At current prices					
	1985	1990	1995	1996	1997	1998 <sup>a/</sup>	1985	1990	1995	1996	1997	1998 <sup>a/</sup>
Myanmar	8.5	7.8	8.1	8.0	8.0	8.1	9.9	7.8	6.9	6.8	7.1	6.3
Namibia	10.9	13.5	13.4	12.1	12.8	12.9	10.8	13.5	15.3	12.9	14.0	13.6
Nepal	5.9	6.0	8.9	9.2	9.4	9.3	5.6	6.0	9.4	9.4	9.3	9.4
Netherlands Antilles	6.8	6.8	6.3	6.7	6.5	6.6	6.8	6.8	6.2	6.0	5.9	5.9
New Caledonia	4.7	4.4	4.4	4.3	4.3	4.3	3.2	4.4	4.7	4.8	4.8	4.8
Nicaragua	19.8	16.9	16.4	16.0	15.8	15.5	28.0	16.9	16.5	16.0	15.7	15.3
Niger	5.2	6.6	6.3	6.4	6.5	6.1	7.1	6.6	6.4	6.5	6.6	6.2
Nigeria	5.7	5.5	5.5	5.4	5.3	5.3	8.7	5.5	5.4	4.8	4.8	4.6
Oman	2.2	2.9	3.5	3.6	3.5	3.7	2.2	2.9	4.5	5.4	5.8	4.7
Pakistan	16.3	17.4	18.0	17.7	17.5	16.9	15.9	17.4	17.1	17.0	17.0	16.9
Panama	10.4	10.5	10.7	10.2	10.4	10.4	13.1	10.5	9.7	9.6	9.5	9.0
Papua New Guinea	11.5	9.2	8.5	9.4	10.4	10.9	11.2	9.2	8.1	8.9	9.7	9.2
Paraguay	17.8	17.3	16.0	15.5	15.1	15.3	14.6	17.3	15.6	15.3	15.2	15.2
Peru	26.7	26.7	27.1	27.1	26.9	27.3	25.2	26.7	22.8	22.9	22.6	22.8
Philippines	24.6	24.8	24.7	24.6	24.3	24.1	25.2	24.8	23.0	22.8	22.3	21.9
Puerto Rico	41.2	38.9	40.0	40.0	39.7	39.7	39.2	38.9	41.3	41.6	41.9	42.4
Qatar	11.1	12.7	12.8	12.9	13.3	13.8	7.8	12.7	9.5	8.2	8.0	8.9
Republic of Korea	25.6	28.9	30.1	30.2	30.5	29.9	29.5	28.9	29.2	28.7	28.7	30.5
Réunion	9.2	10.0	9.1	9.1	9.1	9.1	...	10.0	...	...	...	...
Rwanda	17.5	18.7	21.2	21.6	22.6	22.5	15.0	18.7	10.6	12.7	13.3	13.0
Saint Lucia	7.4	6.7	5.9	5.7	5.6	5.0	7.0	6.7	5.7	5.6	5.5	4.9
Sao Tome and Principe	6.1	5.6	5.4	5.4	5.4	5.3	9.9	5.6	4.1	5.3	4.5	4.6
Saudi Arabia	7.3	7.6	8.5	8.6	8.6	8.7	7.8	7.6	8.9	8.9	9.2	9.7
Senegal	12.0	13.1	12.7	12.7	12.5	12.7	12.8	13.1	14.7	15.3	15.3	15.8
Seychelles	7.8	10.1	11.1	12.1	14.9	14.9	9.6	10.1	12.6	12.7	13.1	13.4
Sierra Leone	3.4	3.7	5.5	5.3	5.2	5.2	3.7	3.7	6.3	5.9	6.9	6.1
Singapore	22.2	27.2	26.4	25.4	24.6	24.3	23.6	27.2	24.7	23.8	23.1	23.2
Solomon Islands	3.6	3.5	3.1	3.1	3.1	3.0	4.5	3.5	3.0	2.9	2.9	2.9
Somalia	4.1	4.6	5.8	5.8	5.9	5.8	5.0	4.6	5.4	5.4	5.4	5.4
Sri Lanka	16.7	18.3	21.0	21.6	22.2	22.6	18.2	18.3	19.4	20.0	20.2	20.4
St. Kitts and Nevis	16.7	13.9	12.7	12.4	13.8	12.7	13.3	13.9	11.8	11.2	11.1	10.6
St. Vincent and the Grenadines	9.9	8.2	8.0	8.1	7.8	7.0	10.9	8.2	8.1	8.0	7.4	6.6
Sudan	8.7	8.6	7.7	7.8	7.7	7.8	9.1	8.6	9.5	12.2	11.6	11.4
Suriname	13.9	12.3	10.1	9.7	8.9	9.1	12.3	12.3	9.5	9.3	9.2	9.3
Swaziland	15.2	35.9	35.9	35.5	36.2	35.8	16.3	35.9	35.5	33.1	34.2	31.8
Syrian Arab Republic	6.8	5.3	5.4	5.6	5.6	5.6	7.7	5.3	5.8	5.7	5.6	5.5
Thailand	22.0	27.2	30.3	30.8	31.7	31.7	21.9	27.2	28.2	29.8	31.2	32.1
Togo	7.5	9.9	10.4	9.7	9.6	10.6	6.7	9.9	9.9	9.2	8.4	9.1
Tonga	6.0	6.1	3.7	4.1	4.5	4.4	5.1	6.1	3.7	3.9	4.0	3.8
Trinidad and Tobago	7.0	8.7	8.9	8.3	9.0	8.8	6.8	8.7	8.4	7.1	7.8	9.6
Tunisia	19.9	16.9	18.4	17.6	17.9	17.7	15.1	16.9	18.9	18.3	18.4	18.2
Turkey	20.4	22.2	23.6	23.8	24.8	24.5	19.0	22.2	22.6	20.8	21.3	21.7
Uganda	5.4	5.7	7.5	8.3	9.1	9.9	5.8	5.7	6.8	7.9	8.6	8.9

a/ Provisional.

TABLE 1.4  
(continued)

SHARE OF MVA IN GDP, SELECTED YEARS

(Percentage)

Country group or country/area	At constant 1990 prices						At current prices					
	1985	1990	1995	1996	1997	1998a/	1985	1990	1995	1996	1997	1998a/
United Arab Emirates	8.6	7.2	7.8	7.6	7.6	8.1	8.7	7.2	7.0	6.6	6.5	6.6
United Republic of Tanzania	9.2	8.9	8.1	8.0	8.1	8.3	10.0	8.9	7.3	7.3	7.1	7.2
Uruguay	26.4	26.3	20.4	20.1	20.3	19.9	29.4	26.3	18.9	18.4	18.3	17.8
Vanuatu	3.2	5.3	4.5	4.5	4.5	4.4	3.5	5.3	4.7	4.5	4.4	4.3
Venezuela	21.5	20.4	20.4	19.9	19.6	19.0	21.9	20.4	17.1	17.7	16.1	14.8
Yemen	10.3	8.2	7.6	8.1	8.1	8.0	11.7	8.2	10.3	10.8	10.6	10.6
Yugoslavia (former)	34.0	31.2	...	...	...	...	41.0	31.2	...	...	...	...
Zambia	24.5	31.9	11.6	11.5	11.8	11.9	22.9	31.9	9.9	11.7	11.8	11.4
Zimbabwe	20.7	22.5	18.0	17.3	17.3	16.6	19.6	22.5	21.6	17.5	17.1	16.4
Low income	16.4	18.6	20.4	20.7	20.7	20.3	16.4	18.6	19.6	19.8	19.4	17.2
Middle income	20.2	22.1	22.8	23.0	23.5	22.9	18.2	22.1	22.8	21.8	20.9	19.9
High income	22.5	21.8	21.0	21.1	21.2	21.2	22.0	21.8	19.6	19.4	19.3	19.1
Africa	13.4	13.4	12.7	12.5	12.8	12.9	10.9	13.4	12.1	11.3	11.2	11.4
North Africa	15.5	15.4	15.0	14.8	15.1	15.3	12.0	15.4	16.8	16.1	16.5	17.3
UMA	14.7	13.2	12.0	11.5	11.6	11.5	11.4	13.2	13.2	12.1	11.8	12.3
Central Africa	11.3	10.9	9.5	9.5	9.7	9.8	10.3	10.9	8.4	7.8	8.1	8.7
CEPGL	13.4	12.7	11.2	11.5	12.1	11.9	10.3	12.7	8.9	9.0	9.3	9.1
CEMAC	10.9	12.5	10.5	10.8	10.8	11.2	10.4	12.5	9.4	8.8	9.0	9.5
Western Africa (ECOWAS)	9.8	9.5	9.2	9.2	9.4	9.6	9.3	9.5	7.1	6.3	6.1	5.9
Eastern and southern Africa	13.0	14.2	11.6	11.4	11.5	11.5	11.6	14.2	11.9	11.6	11.4	11.1
Latin America	25.0	24.1	22.6	22.8	22.9	23.0	25.7	24.1	21.3	21.2	21.2	21.0
LAIA	25.0	24.1	22.4	22.6	22.8	22.9	26.1	24.1	21.0	20.9	20.9	20.6
Andean group	22.6	21.8	20.1	19.7	19.6	20.6	21.8	21.8	19.6	19.5	18.5	18.0
CACM	18.1	17.9	17.9	17.7	17.9	18.1	18.2	17.9	17.5	17.2	17.1	17.2
CARICOM	11.4	11.9	10.8	10.4	10.4	10.1	9.7	11.9	11.1	10.6	10.8	10.8
OECS	7.1	6.6	6.1	6.1	6.2	6.0	7.0	6.6	6.0	5.8	5.8	5.7
South and East Asia	22.9	25.2	28.5	28.9	29.3	29.3	24.5	25.2	26.3	26.5	26.2	25.4
ASEAN	19.0	23.2	25.5	26.1	26.2	25.7	19.2	23.2	23.4	24.0	22.7	19.2
West Asia and Europe	16.8	16.2	16.2	16.4	16.8	16.9	14.2	16.2	15.3	14.6	14.6	14.8
Least developed countries	10.7	10.3	10.0	10.0	10.1	10.3	11.2	10.3	9.2	9.0	8.9	8.2
African LDCs	10.3	9.9	8.3	8.3	8.3	8.4	9.5	9.9	8.6	8.8	8.8	8.9
NICs	25.5	25.2	24.2	24.3	24.4	24.0	26.8	25.2	22.9	22.5	22.3	21.8
Second-generation NICs	20.2	22.8	24.6	25.0	25.5	25.3	19.4	22.8	24.7	25.1	24.7	23.7
World	23.0	22.7	22.4	22.4	22.7	22.6	...	22.7	...	...	...	...

a/ Provisional.

Section 1.2

**THE MANUFACTURING BRANCHES**

TABLE 1.5

DISTRIBUTION OF WORLD VALUE ADDED, SELECTED BRANCHES AND YEARS <sup>a/</sup>

(Percentage)

Branch (ISIC)	Year	Industrialized countries							Developing countries			World
		All countries	Eastern Europe and former USSR	Western Europe		Japan	North America	Others	All countries	NICs	Others	
				EU b/	Other							
Food products (311/2)	1985	84.7	16.5	27.4	1.4	14.0	22.9	2.5	15.3	7.6	7.7	100.0
	1990	84.1	14.7	28.9	1.4	13.8	22.8	2.5	15.9	8.2	7.7	100.0
	1995	81.3	5.4	33.2	1.4	13.8	24.7	2.8	18.7	9.4	9.3	100.0
	1998	80.0	5.5	33.1	1.3	12.9	24.4	2.8	20.0	9.4	10.6	100.0
Beverages (313)	1985	78.1	13.1	32.9	1.3	9.6	18.6	2.6	21.9	11.0	10.9	100.0
	1990	76.7	9.4	35.4	1.3	9.4	18.4	2.8	23.3	11.9	11.4	100.0
	1995	72.6	5.1	36.8	1.3	8.1	18.6	2.7	27.4	13.4	14.0	100.0
	1998	72.1	7.9	35.3	1.2	7.1	17.9	2.7	27.9	13.1	14.8	100.0
Tobacco (314)	1985	69.7	6.2	32.6	1.2	2.9	26.2	0.6	30.3	12.9	17.4	100.0
	1990	69.3	5.0	33.1	1.2	2.7	26.6	0.7	30.7	13.2	17.5	100.0
	1995	64.6	1.9	31.7	1.2	2.6	26.5	0.7	35.4	13.6	21.8	100.0
	1998	59.1	3.4	29.2	1.0	2.3	22.6	0.6	40.9	13.0	27.9	100.0
Textiles (321)	1985	77.2	18.7	27.7	0.9	14.3	14.0	1.6	22.8	13.6	9.2	100.0
	1990	74.9	17.8	27.4	0.8	12.6	14.8	1.5	25.1	14.5	10.6	100.0
	1995	69.1	3.1	32.4	0.9	10.4	20.6	1.7	30.9	17.5	13.4	100.0
	1998	67.9	2.6	32.6	0.9	9.0	21.2	1.6	32.1	17.7	14.4	100.0
Wearing apparel (322)	1985	79.9	13.1	32.2	0.7	11.2	20.6	2.1	20.1	12.4	7.7	100.0
	1990	77.3	13.1	29.3	0.5	10.8	21.3	2.3	22.7	12.9	9.8	100.0
	1995	75.6	3.2	30.1	0.5	13.0	26.1	2.7	24.4	11.8	12.6	100.0
	1998	73.5	3.5	29.3	0.5	11.5	26.0	2.7	26.5	11.2	15.3	100.0
Leather and fur products (323)	1985	75.2	19.0	34.2	0.3	9.1	11.3	1.3	24.8	17.5	7.3	100.0
	1990	74.0	18.2	33.6	0.4	9.9	10.5	1.4	26.0	18.6	7.4	100.0
	1995	71.6	4.8	43.3	0.5	10.1	11.0	1.9	28.4	17.7	10.7	100.0
	1998	68.4	3.4	43.6	0.5	8.6	10.3	2.0	31.6	19.1	12.5	100.0
Footwear (324)	1985	71.3	14.6	40.3	0.7	4.5	9.0	2.2	28.7	20.5	8.2	100.0
	1990	71.7	16.0	38.5	0.5	5.6	8.4	2.7	28.3	20.4	7.9	100.0
	1995	70.9	6.1	47.2	0.5	5.5	8.4	3.2	29.1	18.7	10.4	100.0
	1998	69.7	5.9	47.0	0.4	5.0	8.4	3.0	30.3	20.3	10.0	100.0
Wood and cork products (331)	1985	88.8	8.8	29.8	3.5	17.7	25.6	3.4	11.2	5.6	5.6	100.0
	1990	88.4	7.6	32.3	3.6	16.7	25.2	3.0	11.6	4.6	7.0	100.0
	1995	87.8	4.5	35.6	3.5	13.8	26.8	3.6	12.2	3.9	8.3	100.0
	1998	88.2	5.1	36.3	3.6	10.6	28.9	3.7	11.8	3.9	7.9	100.0

a/ At constant 1990 prices.

b/ After 1990 including estimates for the eastern part of Germany.

TABLE 1.5  
(continued)

DISTRIBUTION OF WORLD VALUE ADDED, SELECTED BRANCHES AND YEARS<sup>a/</sup>

(Percentage)

Branch (ISIC)	Year	Industrialized countries							Developing countries			World
		All countries	Eastern Europe and former USSR	Western Europe		Japan	North America	Others	All countries	NICs	Others	
				EU b/	Other							
Paper (341)	1985	90.4	6.3	31.6	1.4	12.6	36.2	2.3	9.6	6.6	3.0	100.0
	1990	89.5	3.9	32.7	1.3	14.2	35.2	2.2	10.5	7.1	3.4	100.0
	1995	88.3	3.0	32.8	1.3	13.4	35.7	2.1	11.7	7.7	4.0	100.0
	1998	87.7	2.5	32.9	1.2	13.0	36.0	2.1	12.3	8.0	4.3	100.0
Industrial chemicals (351)	1985	86.5	11.1	36.0	0.5	13.7	23.9	1.3	13.5	9.1	4.4	100.0
	1990	85.2	8.4	35.1	0.5	14.7	25.2	1.3	14.8	10.0	4.8	100.0
	1995	82.7	3.8	37.0	0.6	14.8	25.2	1.3	17.3	11.7	5.6	100.0
	1998	81.0	3.2	37.9	0.6	13.3	24.7	1.3	19.0	12.8	6.2	100.0
Other chemicals (352)	1985	85.9	5.9	30.9	2.5	16.8	28.2	1.6	14.1	9.8	4.3	100.0
	1990	85.6	4.0	30.5	2.9	18.2	28.5	1.5	14.4	9.8	4.6	100.0
	1995	83.9	1.7	31.7	3.6	17.7	27.6	1.6	16.1	10.5	5.6	100.0
	1998	82.5	2.1	31.8	4.4	15.8	26.9	1.5	17.5	11.6	5.9	100.0
Petroleum refineries (353)	1985	64.3	13.6	30.0	0.2	3.5	14.7	2.3	35.7	12.0	23.7	100.0
	1990	60.7	10.9	28.6	0.2	3.5	15.2	2.3	39.3	12.8	26.5	100.0
	1995	56.8	7.1	29.3	0.2	3.7	14.2	2.3	43.2	14.1	29.1	100.0
	1998	55.4	4.4	30.1	0.2	3.6	14.8	2.3	44.6	16.0	28.6	100.0
Prods. of petroleum and coal (354)	1985	87.2	17.4	47.8	0.8	5.8	13.8	1.6	12.8	8.3	4.5	100.0
	1990	86.7	16.4	46.7	0.8	6.0	15.1	1.7	13.3	8.3	5.0	100.0
	1995	83.4	11.3	46.6	0.8	6.9	15.8	2.0	16.6	10.5	6.1	100.0
	1998	82.8	15.0	43.2	0.8	6.4	15.5	1.9	17.2	11.3	5.9	100.0
Rubber products (355)	1985	83.9	12.1	32.7	0.6	18.1	18.9	1.5	16.1	11.3	4.8	100.0
	1990	81.5	8.5	32.5	0.6	18.3	19.9	1.7	18.5	12.6	5.9	100.0
	1995	78.9	4.0	33.1	0.5	15.9	23.7	1.7	21.1	13.4	7.7	100.0
	1998	78.7	3.8	33.6	0.5	14.5	24.7	1.6	21.3	12.8	8.5	100.0
Plastic products (356)	1985	87.7	4.0	34.2	1.4	22.0	24.0	2.1	12.3	9.5	2.8	100.0
	1990	87.9	2.3	35.4	1.4	22.4	24.3	2.1	12.1	9.5	2.6	100.0
	1995	87.7	1.2	35.9	1.1	18.9	28.2	2.4	12.3	9.0	3.3	100.0
	1998	87.6	1.5	36.1	1.0	17.3	29.4	2.3	12.4	8.8	3.6	100.0
Pottery, china, earthenware (361)	1985	86.6	9.6	52.0	1.4	14.4	8.3	0.9	13.4	7.7	5.7	100.0
	1990	84.5	7.7	52.6	1.2	14.5	7.7	0.8	15.5	8.1	7.4	100.0
	1995	80.3	7.1	50.0	1.0	13.2	8.1	0.9	19.7	9.5	10.2	100.0
	1998	79.5	7.0	50.0	1.0	11.7	9.0	0.8	20.5	9.9	10.6	100.0

a/ At constant 1990 prices.

b/ After 1990 including estimates for the eastern part of Germany.



TABLE 1.5  
(continued)

DISTRIBUTION OF WORLD VALUE ADDED, SELECTED BRANCHES AND YEARS<sup>a/</sup>

(Percentage)

Branch (ISIC)	Year	Industrialized countries							Developing countries			World
		All countries	Eastern Europe and former USSR	Western Europe		Japan	North America	Others	All countries	NICs	Others	
				EU b/	Other							
Glass (362)	1985	87.6	8.5	35.9	1.5	18.4	21.4	1.9	12.4	8.8	3.6	100.0
	1990	86.0	6.7	37.6	1.3	18.7	19.7	2.0	14.0	9.2	4.8	100.0
	1995	82.7	3.6	38.7	1.1	17.0	20.3	2.0	17.3	10.7	6.6	100.0
	1998	82.1	3.8	38.4	1.0	14.7	22.3	1.9	17.9	11.1	6.8	100.0
Other non-metallic mineral prods.(369)	1985	83.5	10.3	34.0	2.0	18.3	16.6	2.3	16.5	9.1	7.4	100.0
	1990	82.2	9.3	35.0	1.6	18.5	15.5	2.3	17.8	9.5	8.3	100.0
	1995	77.7	6.2	35.5	1.4	16.6	15.6	2.4	22.3	11.6	10.7	100.0
	1998	76.7	5.5	35.3	1.4	14.7	17.6	2.2	23.3	12.5	10.8	100.0
Iron and steel (371)	1985	85.9	13.9	31.8	0.8	22.8	14.3	2.3	14.1	10.6	3.5	100.0
	1990	83.0	11.6	30.9	0.8	23.3	14.0	2.4	17.0	12.7	4.3	100.0
	1995	77.8	7.1	32.6	0.7	20.1	14.9	2.4	22.2	15.9	6.3	100.0
	1998	76.1	6.7	32.9	0.8	17.7	15.7	2.3	23.9	17.7	6.2	100.0
Non-ferrous metals (372)	1985	83.9	18.7	26.8	1.7	11.8	20.6	4.3	16.1	8.1	8.0	100.0
	1990	83.0	16.1	27.2	1.8	13.6	19.6	4.7	17.0	8.9	8.1	100.0
	1995	80.8	14.0	27.4	1.6	12.8	20.3	4.7	19.2	10.1	9.1	100.0
	1998	79.5	15.0	26.3	1.6	12.0	19.9	4.7	20.5	10.5	10.0	100.0
Metal products (381)	1985	91.0	5.1	37.2	1.8	20.4	23.7	2.8	9.0	6.2	2.8	100.0
	1990	90.5	3.8	38.6	1.8	21.7	22.1	2.5	9.5	6.6	2.9	100.0
	1995	89.3	1.8	38.8	1.9	19.8	24.3	2.7	10.7	7.1	3.6	100.0
	1998	89.3	2.0	40.0	2.0	16.9	25.6	2.8	10.7	7.1	3.6	100.0
Non-electrical machinery (382)	1985	93.0	13.3	36.4	2.1	20.3	19.9	1.0	7.0	5.6	1.4	100.0
	1990	93.3	10.6	35.2	1.9	22.3	22.4	0.9	6.7	5.5	1.2	100.0
	1995	92.9	3.7	33.6	1.7	16.5	36.6	0.8	7.1	5.8	1.3	100.0
	1998	94.7	3.3	27.3	1.3	11.3	50.9	0.6	5.3	4.1	1.2	100.0
Electrical machinery (383)	1985	90.9	9.3	36.7	2.0	22.5	19.0	1.4	9.1	7.2	1.9	100.0
	1990	88.9	7.0	33.5	2.0	25.9	19.4	1.1	11.1	9.1	2.0	100.0
	1995	87.5	2.0	30.6	1.7	23.3	28.8	1.1	12.5	10.1	2.4	100.0
	1998	89.3	1.5	26.1	1.4	19.0	40.4	0.9	10.7	8.3	2.4	100.0
Transport equipment (384)	1985	89.1	7.0	33.5	0.5	17.0	29.4	1.7	10.9	8.6	2.3	100.0
	1990	89.5	5.7	34.9	0.5	19.0	27.9	1.5	10.5	8.2	2.3	100.0
	1995	85.6	2.5	33.9	0.5	17.6	29.4	1.7	14.4	10.9	3.5	100.0
	1998	83.5	3.2	34.4	0.5	15.2	28.8	1.4	16.5	13.2	3.3	100.0

a/ At constant 1990 prices.

b/ After 1990 including estimates for the eastern part of Germany.

TABLE 1.6 DISTRIBUTION OF VALUE ADDED OF SELECTED BRANCHES AMONG DEVELOPING REGIONS, 1990 AND 1997<sup>a/</sup>  
(Percentage)

Branch (ISIC)	Developing regions										Least developed countries	
	Africa		Latin America		South and East Asia		West Asia and Europe		All countries		1990	1997
	1990	1997	1990	1997	1990	1997	1990	1997	1990	1997		
Food products (311/2)	9.8	8.7	43.8	43.5	34.6	39.0	11.8	8.8	100.0	100.0	5.0	4.8b/
Beverages (313)	12.9	12.4	54.9	52.8	23.7	28.1	8.5	6.7	100.0	100.0	5.4	3.9b/
Tobacco (314)	8.6	6.5	44.3	38.2	37.0	44.6	10.1	10.7	100.0	100.0	3.3	3.5
Textiles (321)	8.5	7.1	23.3	21.1	54.3	59.4	13.9	12.4	100.0	100.0	3.9	3.7b/
Wearing apparel (322)	6.1	7.1	27.2	25.6	51.4	54.2	15.3	13.1	100.0	100.0	2.2	...
Leather and fur products (323)	6.0	6.8	41.8	51.4	38.1	30.0	14.1	11.8	100.0	100.0	2.9	...
Footwear (324)	8.0	8.0	48.6	57.7	26.2	21.4	17.2	12.9	100.0	100.0	2.7	...
Wood and cork products (331)	12.2	9.6	22.3	26.3	53.5	55.0	12.0	9.1	100.0	100.0	2.9	2.7b/
Paper (341)	4.8	3.6	46.9	43.6	37.5	44.8	10.8	8.0	100.0	100.0	1.3	0.7b/
Industrial chemicals (351)	4.1	3.1	40.5	32.6	40.7	50.4	14.7	13.9	100.0	100.0	1.0	0.5
Other chemicals (352)	5.0	4.8	48.4	42.4	37.0	45.8	9.6	7.0	100.0	100.0	1.4	1.4
Petroleum refineries (353)	8.7	7.2	35.8	29.5	33.7	42.9	21.8	20.4	100.0	100.0	1.0	1.0b/
Prods. of petroleum and coal (354)	2.4	2.0	41.5	35.1	29.0	42.2	27.1	20.7	100.0	100.0	0.3	...
Rubber products (355)	4.2	3.7b/	31.0	28.3b/	55.1	58.3b/	9.7	9.7b/	100.0	100.0	0.6	0.4b/
Pottery, china, earthenware (361)	9.4	7.7	25.9	24.3	40.3	45.0	24.4	23.0	100.0	100.0	2.0	...
Glass (362)	3.8	3.6	45.7	41.8	34.8	40.8	15.7	13.8	100.0	100.0	0.9	1.1
Other non-metallic mineral prods.(369)	10.9	9.2	32.0	28.8	41.6	50.1	15.5	11.9	100.0	100.0	1.8	1.6
Iron and steel (371)	4.1	3.2	35.7	30.9	50.3	59.7	9.9	6.2	100.0	100.0	0.5	...
Non-ferrous metals (372)	4.4	3.6	53.6	50.4	29.4	36.8	12.6	9.2	100.0	100.0	0.9	...
Metal products (381)	7.1	5.3	34.7	36.7	45.8	49.8	12.4	8.2	100.0	100.0	1.4	...
Non-electrical machinery (382)	2.4	1.8	36.6	30.1	49.6	58.5	11.4	9.6	100.0	100.0	0.4	...
Electrical machinery (383)	2.7	1.4	26.7	22.6	62.3	69.8	8.3	6.2	100.0	100.0	0.4	0.2
Transport equipment (384)	3.1	1.6	40.8	38.6	47.5	53.9	8.6	5.9	100.0	100.0	0.5	0.4b/

a/ At constant 1990 prices.  
b/ Figure refers to 1996.

TABLE 1.7

## LEADING PRODUCERS IN SELECTED BRANCHES, 1990 AND 1998

World leading countries				Leading developing countries			
1990		1998		1990		1998	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Food products (311/2)							
United States of America	24.1	United States of America	23.7	Brazil	13.5	Brazil	12.5
Japan	16.1	Japan	14.0	Argentina	8.9	Indonesia	10.7
France	6.6	France	6.5	Mexico	6.9	Argentina	9.9
Germany, western part	6.3	Germany, western part	6.4	India	6.2	Mexico	6.7
United Kingdom	5.1	United Kingdom	4.7	Republic of Korea	6.2	India	6.5
Italy	4.2	Italy	4.0	Yugoslavia (former)	4.8	Republic of Korea	5.3
Spain	3.5	Spain	3.3	Turkey	4.0	Philippines	4.5
Canada	2.6	Canada	2.7	China (Taiwan Province)	3.9	Turkey	4.0
Brazil	2.5	Brazil	2.7	Thailand	3.9	Thailand	3.2
Netherlands	1.9	Indonesia	2.3	Philippines	3.8	China (Taiwan Province)	3.0
Argentina	1.7	Argentina	2.1	Indonesia	2.9	Chile	2.4
Australia	1.6	Netherlands	2.1	Chile	2.4	Peru	1.8
Belgium	1.5	Australia	1.6	Peru	2.0	Egypt	1.7
Mexico	1.3	Belgium	1.5	Colombia	1.9	Iran (Islamic Republic of)	1.6
India	1.2	Mexico	1.5	Venezuela	1.7	Colombia	1.6
Sum of above	80.2	Sum of above	79.1	Sum of above	73.0	Sum of above	75.4
Textiles (321)							
United States of America	16.5	United States of America	20.4	India	13.1	India	20.9
Japan	15.4	Italy	11.7	Brazil	10.1	China (Taiwan Province)	9.0
Italy	10.6	Japan	9.5	Republic of Korea	10.0	Turkey	8.0
Germany, western part	6.1	India	7.1	China (Taiwan Province)	9.1	Brazil	7.3
France	4.6	Germany, western part	4.5	Turkey	7.3	Republic of Korea	6.0
India	4.0	France	4.1	Yugoslavia (former)	5.0	Pakistan	4.4
United Kingdom	3.3	China (Taiwan Province)	3.1	Pakistan	4.0	Iran (Islamic Republic of)	4.2
Brazil	3.1	United Kingdom	2.8	China (Hong Kong SAR)	3.6	Mexico	4.0
Republic of Korea	3.1	Turkey	2.7	Mexico	3.5	Indonesia	3.2
China (Taiwan Province)	2.8	Brazil	2.5	Argentina	3.2	China (Hong Kong SAR)	2.7
Spain	2.5	Spain	2.4	Iran (Islamic Republic of)	3.1	Argentina	2.5
Turkey	2.2	Canada	2.2	Indonesia	2.8	Peru	2.2
Yugoslavia (former)	1.5	Republic of Korea	2.1	Egypt	1.9	Colombia	1.7
Canada	1.5	Pakistan	1.5	Peru	1.7	Egypt	1.5
Portugal	1.3	Iran (Islamic Republic of)	1.4	Colombia	1.6	Malaysia	1.1
Sum of above	78.5	Sum of above	78.0	Sum of above	80.0	Sum of above	78.7

a/ In world total value added (excluding eastern Europe and the former USSR) at constant 1990 prices.

b/ In total value added of developing countries at constant 1990 prices.

TABLE 1.7

## LEADING PRODUCERS IN SELECTED BRANCHES, 1990 AND 1998

World leading countries				Leading developing countries			
1990		1998		1990		1998	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Wearing apparel (322)							
United States of America	22.0	United States of America	24.7	Brazil	15.5	Brazil	11.4
Japan	12.4	Japan	12.2	Republic of Korea	10.6	China (Hong Kong SAR)	9.7
Italy	9.1	Italy	11.5	China (Hong Kong SAR)	10.4	Indonesia	7.5
France	6.4	France	3.7	Yugoslavia (former)	5.9	Republic of Korea	5.1
Germany, western part	5.6	United Kingdom	3.6	Turkey	4.6	Turkey	5.0
Brazil	4.0	Brazil	3.2	China (Taiwan Province)	4.4	Argentina	4.1
United Kingdom	4.0	Germany, western part	3.2	Argentina	3.7	Tunisia	3.1
Spain	3.2	Spain	3.0	India	2.7	Mexico	2.8
Republic of Korea	2.8	Canada	2.8	Philippines	2.7	China (Taiwan Province)	2.7
China (Hong Kong SAR)	2.7	China (Hong Kong SAR)	2.7	Mexico	2.1	Philippines	2.7
Canada	2.5	Indonesia	2.1	Indonesia	2.1	Morocco	1.9
Yugoslavia (former)	1.6	Republic of Korea	1.4	Tunisia	1.6	India	1.8
Portugal	1.4	Turkey	1.4	Algeria	1.5	Sri Lanka	1.8
Turkey	1.2	Portugal	1.2	Iraq	1.5	Iraq	1.7
China (Taiwan Province)	1.2	Argentina	1.1	Singapore	1.2	Colombia	1.4
Sum of above	80.1	Sum of above	77.8	Sum of above	70.5	Sum of above	62.7
Leather and fur products (323)							
Italy	14.5	Italy	18.9	Republic of Korea	18.4	Mexico	15.8
Japan	12.1	United States of America	10.6	Brazil	14.0	Argentina	13.7
United States of America	11.9	Japan	9.6	Mexico	11.3	Brazil	11.0
France	7.8	France	6.2	Argentina	8.2	Bangladesh	7.2
Republic of Korea	5.8	Mexico	5.5	Yugoslavia (former)	7.3	India	6.3
Germany, western part	5.6	Spain	5.2	China (Taiwan Province)	5.8	Republic of Korea	5.0
Spain	5.4	Argentina	4.8	India	5.4	China (Taiwan Province)	2.9
Brazil	4.4	Brazil	3.8	Iran (Islamic Republic of)	1.7	Indonesia	2.8
Mexico	3.6	Germany, western part	3.7	Algeria	1.5	Uruguay	2.4
United Kingdom	2.9	United Kingdom	2.8	Turkey	1.5	Turkey	1.6
Argentina	2.6	Bangladesh	2.5	Uruguay	1.5	Paraguay	1.6
Yugoslavia (former)	2.3	India	2.2	Colombia	1.5	Iran (Islamic Republic of)	1.5
China (Taiwan Province)	1.9	Republic of Korea	1.7	Bangladesh	1.1	Morocco	1.3
India	1.7	Portugal	1.2	Chile	1.1	Tunisia	1.3
Portugal	1.1	China (Taiwan Province)	1.0	Indonesia	1.0	Colombia	1.1
Sum of above	83.6	Sum of above	79.7	Sum of above	81.3	Sum of above	75.5

a/ In world total value added (excluding eastern Europe and the former USSR) at constant 1990 prices.

b/ In total value added of developing countries at constant 1990 prices.

TABLE 1.7

## LEADING PRODUCERS IN SELECTED BRANCHES, 1990 AND 1998

World leading countries				Leading developing countries			
1990		1998		1990		1998	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Footwear (324)							
Italy	18.2	Italy	23.1	Brazil	26.8	Brazil	24.2
Brazil	9.0	Brazil	8.1	Yugoslavia (former)	12.9	Argentina	14.6
United States of America	8.7	United States of America	8.0	China (Taiwan Province)	8.8	Mexico	10.1
France	6.8	France	5.7	Argentina	7.5	China (Taiwan Province)	5.0
Japan	6.7	Japan	5.5	Republic of Korea	6.3	Indonesia	3.6
Spain	4.8	Argentina	4.9	Mexico	6.3	Tunisia	3.0
United Kingdom	4.8	United Kingdom	4.8	India	3.0	Iraq	2.5
Germany, western part	4.8	Spain	4.8	Indonesia	2.9	India	2.4
Yugoslavia (former)	4.3	Mexico	3.4	Chile	1.9	Republic of Korea	1.9
China (Taiwan Province)	3.0	Germany, western part	3.2	Iraq	1.8	Chile	1.9
Portugal	2.9	Portugal	3.0	Algeria	1.8	Colombia	1.6
Argentina	2.5	China (Taiwan Province)	1.7	Colombia	1.5	Iran (Islamic Republic of)	1.5
Republic of Korea	2.1	South Africa	1.5	Iran (Islamic Republic of)	1.4	Turkey	1.4
Mexico	2.1	Austria	1.4	Venezuela	1.3	Venezuela	1.4
South Africa	1.6	Indonesia	1.2	Turkey	1.1	Morocco	1.0
Sum of above	82.3	Sum of above	80.3	Sum of above	85.3	Sum of above	76.1
Paper (341)							
United States of America	31.6	United States of America	32.6	Brazil	19.5	Brazil	17.2
Japan	14.8	Japan	13.5	Mexico	10.6	India	10.9
Germany, western part	8.2	Germany, western part	7.2	Republic of Korea	10.2	Republic of Korea	10.3
Canada	5.0	France	4.8	India	7.6	Mexico	9.4
France	4.8	Canada	4.7	China (Taiwan Province)	7.2	Indonesia	7.0
Italy	4.7	Italy	4.7	Argentina	5.6	China (Taiwan Province)	6.4
United Kingdom	4.4	United Kingdom	3.7	Yugoslavia (former)	4.3	Argentina	6.3
Sweden	2.8	Finland	3.2	Turkey	4.2	Chile	4.2
Finland	2.6	Sweden	2.8	Chile	3.8	Turkey	3.9
Brazil	2.1	Brazil	2.2	Indonesia	3.4	Thailand	2.5
Spain	1.9	Spain	2.2	Colombia	2.0	Colombia	1.9
Netherlands	1.4	India	1.4	Venezuela	1.8	China (Hong Kong SAR)	1.8
Austria	1.2	Austria	1.4	China (Hong Kong SAR)	1.8	Pakistan	1.3
Mexico	1.2	Netherlands	1.3	Philippines	1.5	Peru	1.1
Republic of Korea	1.1	Republic of Korea	1.3	Singapore	1.2	Venezuela	1.0
Sum of above	87.8	Sum of above	87.0	Sum of above	84.7	Sum of above	85.2

a/ In world total value added (excluding eastern Europe and the former USSR) at constant 1990 prices.

b/ In total value added of developing countries at constant 1990 prices.

TABLE 1.7

## LEADING PRODUCERS IN SELECTED BRANCHES, 1990 AND 1998

World leading countries				Leading developing countries			
1990		1998		1990		1998	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Industrial chemicals (351)							
United States of America	25.8	United States of America	24.3	Brazil	15.8	China (Taiwan Province)	14.0
Japan	16.1	Japan	14.0	Mexico	14.6	Brazil	11.9
Germany, western part	13.7	Germany, western part	13.1	China (Taiwan Province)	10.8	Republic of Korea	11.9
United Kingdom	5.0	France	5.1	India	10.3	Mexico	11.8
France	4.9	United Kingdom	4.9	Republic of Korea	8.6	India	11.1
Italy	4.5	Italy	3.9	Saudi Arabia	5.7	Saudi Arabia	7.7
Netherlands	3.0	Netherlands	2.8	Turkey	4.8	Turkey	4.3
Brazil	2.5	China (Taiwan Province)	2.8	Argentina	3.2	Argentina	3.1
Mexico	2.4	Brazil	2.4	Yugoslavia (former)	2.7	Malaysia	2.9
Belgium	2.1	Republic of Korea	2.4	Malaysia	2.1	Singapore	2.2
Spain	2.0	Mexico	2.3	Indonesia	2.1	Indonesia	2.1
China (Taiwan Province)	1.7	India	2.2	Singapore	1.6	Venezuela	2.0
Canada	1.7	Belgium	2.1	Pakistan	1.6	Pakistan	1.6
India	1.7	Spain	1.9	Colombia	1.5	Egypt	1.1
Republic of Korea	1.4	Canada	1.6	Venezuela	1.2	Peru	1.0
Sum of above	88.5	Sum of above	85.8	Sum of above	86.6	Sum of above	88.7
Other chemicals (352)							
United States of America	27.5	United States of America	25.8	Brazil	16.4	Republic of Korea	14.8
Japan	18.9	Japan	16.4	Mexico	12.1	Brazil	12.7
Germany, western part	10.3	Germany, western part	8.9	Republic of Korea	10.4	India	10.5
France	5.3	France	5.6	Argentina	10.0	Argentina	10.1
United Kingdom	5.0	United Kingdom	4.9	India	9.5	Mexico	10.1
Spain	3.1	Switzerland	4.4	Turkey	4.7	Turkey	4.3
Italy	2.9	Spain	3.0	China (Taiwan Province)	3.8	China (Taiwan Province)	4.0
Switzerland	2.8	Republic of Korea	2.7	Yugoslavia (former)	3.6	Philippines	3.5
Brazil	2.5	Italy	2.5	Philippines	2.7	Thailand	2.6
Canada	2.2	Brazil	2.3	Thailand	2.4	Chile	2.4
Mexico	1.8	Ireland	2.1	Venezuela	1.9	Singapore	2.4
Republic of Korea	1.6	Canada	2.0	Chile	1.9	Peru	1.9
Argentina	1.5	India	1.9	Colombia	1.7	Indonesia	1.7
India	1.4	Argentina	1.8	Singapore	1.7	Egypt	1.6
Sweden	1.0	Mexico	1.8	Indonesia	1.7	Colombia	1.4
Sum of above	87.8	Sum of above	86.1	Sum of above	84.5	Sum of above	84.0

a/ In world total value added (excluding eastern Europe and the former USSR) at constant 1990 prices.

b/ In total value added of developing countries at constant 1990 prices.

TABLE 1.7

## LEADING PRODUCERS IN SELECTED BRANCHES, 1990 AND 1998

World leading countries				Leading developing countries			
1990		1998		1990		1998	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Rubber products (355)							
Japan	20.0	United States of America	23.5	Republic of Korea	20.9	Republic of Korea	18.1
United States of America	19.6	Japan	15.4	Brazil	12.0	India	11.4
Germany, western part	10.3	Germany, western part	8.7	India	10.6	Malaysia	10.3
Italy	7.1	Italy	7.0	Mexico	9.9	Brazil	9.5
France	6.2	France	6.1	China (Taiwan Province)	7.5	Mexico	9.1
United Kingdom	4.4	United Kingdom	4.2	Indonesia	4.9	Turkey	8.6
Republic of Korea	4.2	Republic of Korea	4.1	Malaysia	4.9	Indonesia	5.7
Spain	3.5	Spain	4.0	Turkey	4.8	China (Taiwan Province)	5.1
Brazil	2.4	Canada	2.7	Yugoslavia (former)	3.9	Argentina	4.6
India	2.1	India	2.6	Argentina	3.1	Thailand	2.1
Canada	2.1	Malaysia	2.3	Philippines	1.8	Venezuela	1.5
Mexico	2.0	Brazil	2.1	Thailand	1.7	Iran (Islamic Republic of)	1.4
China (Taiwan Province)	1.5	Venezuela	2.1	Venezuela	1.3	Philippines	1.0
Indonesia	1.0	Turkey	1.9	Iran (Islamic Republic of)	1.2	Chile	0.7
Malaysia	1.0	Indonesia	1.3	Colombia	1.2	Morocco	0.6
Sum of above	87.4	Sum of above	88.0	Sum of above	89.7	Sum of above	89.7
Iron and steel (371)							
Japan	26.4	Japan	19.5	Brazil	15.7	India	18.7
United States of America	14.3	United States of America	15.6	India	15.5	Republic of Korea	13.8
Germany, western part	9.5	Germany, western part	8.3	Republic of Korea	13.7	China (Taiwan Province)	13.3
Italy	8.0	Italy	7.8	Mexico	12.5	Mexico	12.4
France	4.9	India	4.9	China (Taiwan Province)	10.2	Brazil	11.7
United Kingdom	3.6	France	4.7	Turkey	4.8	Indonesia	4.9
Brazil	3.0	Republic of Korea	3.6	Yugoslavia (former)	3.6	Turkey	4.2
India	3.0	China (Taiwan Province)	3.5	Indonesia	3.4	Argentina	2.5
Spain	2.8	Mexico	3.3	Argentina	2.9	Venezuela	2.0
Republic of Korea	2.6	Brazil	3.1	Venezuela	1.5	Philippines	1.2
Mexico	2.4	United Kingdom	3.0	Egypt	1.1	Malaysia	1.0
China (Taiwan Province)	2.0	Spain	3.0	Algeria	1.0	Chile	0.9
Austria	1.6	Austria	1.7	Chile	0.9	Peru	0.9
Canada	1.5	Canada	1.7	Philippines	0.9	Egypt	0.8
South Africa	1.4	Belgium	1.3	Malaysia	0.9	Colombia	0.7
Sum of above	87.0	Sum of above	85.0	Sum of above	88.6	Sum of above	89.0

a/ In world total value added (excluding eastern Europe and the former USSR) at constant 1990 prices.

b/ In total value added of developing countries at constant 1990 prices.

TABLE 1.7

LEADING PRODUCERS IN SELECTED BRANCHES, 1990 AND 1998

World leading countries				Leading developing countries			
1990		1998		1990		1998	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Non-ferrous metals (372)							
United States of America	19.7	United States of America	19.9	Chile	13.0	Peru	12.3
Japan	16.2	Japan	14.4	Brazil	11.8	Mexico	12.0
Germany, western part	9.5	Germany, western part	8.0	Mexico	11.6	India	11.9
France	6.5	France	5.8	India	9.4	Chile	11.1
Italy	4.4	Italy	4.6	Peru	8.7	Brazil	9.2
Australia	4.4	Canada	3.9	Republic of Korea	6.3	China (Taiwan Province)	7.2
Canada	3.7	Australia	3.8	Yugoslavia (former)	5.9	Republic of Korea	6.6
United Kingdom	3.1	Peru	3.0	Venezuela	5.6	Iran (Islamic Republic of)	5.5
Chile	2.6	Mexico	3.0	China (Taiwan Province)	5.3	Venezuela	4.5
Brazil	2.4	India	2.9	Turkey	4.7	Turkey	4.3
Mexico	2.3	Chile	2.7	Iran (Islamic Republic of)	3.4	Philippines	1.8
Spain	2.3	United Kingdom	2.4	Argentina	1.6	Argentina	1.4
India	1.9	Spain	2.3	Egypt	1.4	Egypt	1.2
Peru	1.8	Brazil	2.2	Morocco	1.2	Morocco	1.0
Belgium	1.7	China (Taiwan Province)	1.8	Philippines	1.0	Malaysia	0.6
Sum of above	82.5	Sum of above	80.7	Sum of above	90.9	Sum of above	90.6
Metal products (381)							
Japan	22.5	United States of America	24.3	Republic of Korea	14.7	Republic of Korea	12.9
United States of America	21.0	Japan	17.5	Brazil	12.5	China (Taiwan Province)	12.5
Germany, western part	12.8	Germany, western part	13.8	China (Taiwan Province)	11.9	Mexico	11.7
France	7.6	France	7.0	Mexico	8.5	Brazil	11.4
Italy	5.2	Italy	4.9	Argentina	6.9	Argentina	7.0
United Kingdom	4.5	United Kingdom	3.5	India	4.8	India	4.8
Spain	2.6	Spain	2.6	Yugoslavia (former)	4.4	Malaysia	3.9
Canada	2.0	Canada	2.2	Turkey	4.0	Singapore	3.0
Sweden	1.5	Austria	1.6	Singapore	2.8	Turkey	2.8
Republic of Korea	1.4	Sweden	1.6	China (Hong Kong SAR)	2.8	Peru	2.3
Netherlands	1.3	Republic of Korea	1.4	Algeria	1.9	Chile	2.2
Australia	1.3	China (Taiwan Province)	1.4	Indonesia	1.7	Iran (Islamic Republic of)	2.0
Austria	1.3	Netherlands	1.3	Chile	1.6	China (Hong Kong SAR)	1.3
Brazil	1.2	Mexico	1.3	Iran (Islamic Republic of)	1.5	Colombia	1.2
China (Taiwan Province)	1.2	Brazil	1.3	Venezuela	1.3	Philippines	1.1
Sum of above	87.4	Sum of above	85.7	Sum of above	81.3	Sum of above	80.1

a/ In world total value added (excluding eastern Europe and the former USSR) at constant 1990 prices.

b/ In total value added of developing countries at constant 1990 prices.



TABLE 1.7

## LEADING PRODUCERS IN SELECTED BRANCHES, 1990 AND 1998

World leading countries				Leading developing countries			
1990		1998		1990		1998	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Non-electrical machinery (382)							
Japan	24.9	United States of America	51.7	Brazil	22.6	Brazil	18.1
United States of America	23.8	Japan	11.9	Republic of Korea	14.4	India	14.4
Germany, western part	14.8	Germany, western part	9.2	India	11.4	Republic of Korea	13.3
Italy	7.2	Italy	5.3	Singapore	7.6	Singapore	9.0
France	5.2	United Kingdom	5.0	China (Taiwan Province)	7.3	China (Taiwan Province)	8.2
United Kingdom	4.9	France	2.9	Argentina	5.9	Turkey	6.9
Brazil	1.7	Canada	1.7	Yugoslavia (former)	5.8	Mexico	6.6
Spain	1.5	Brazil	1.0	Mexico	4.8	Argentina	3.8
Canada	1.3	India	0.8	Turkey	4.5	Iran (Islamic Republic of)	3.7
Sweden	1.1	Austria	0.8	China (Hong Kong SAR)	3.0	Malaysia	2.3
Republic of Korea	1.1	Republic of Korea	0.7	Iran (Islamic Republic of)	2.3	China (Hong Kong SAR)	1.9
Austria	0.9	Netherlands	0.7	Algeria	1.0	Egypt	1.1
Netherlands	0.9	Finland	0.7	Malaysia	1.0	Chile	0.9
India	0.9	Spain	0.7	Indonesia	0.5	Philippines	0.5
Belgium	0.8	Ireland	0.5	Pakistan	0.5	Peru	0.5
Sum of above	91.0	Sum of above	93.6	Sum of above	92.6	Sum of above	91.2
Electrical machinery (383)							
Japan	27.9	United States of America	40.3	Republic of Korea	20.6	China (Taiwan Province)	26.3
United States of America	19.5	Japan	19.5	China (Taiwan Province)	17.6	Republic of Korea	16.5
Germany, western part	13.8	Germany, western part	8.8	Brazil	15.0	Brazil	11.1
France	5.7	France	4.1	India	7.5	Malaysia	7.2
Italy	5.6	Italy	3.1	Mexico	6.6	Mexico	7.1
United Kingdom	3.9	China (Taiwan Province)	2.9	Singapore	5.0	India	7.0
Republic of Korea	2.5	United Kingdom	2.6	Yugoslavia (former)	4.3	Turkey	4.4
China (Taiwan Province)	2.1	Republic of Korea	1.8	Malaysia	3.6	Singapore	4.1
Brazil	1.8	Spain	1.3	Turkey	3.1	Argentina	2.8
Spain	1.7	Austria	1.2	Argentina	2.7	Philippines	2.1
Netherlands	1.4	Brazil	1.2	China (Hong Kong SAR)	2.1	China (Hong Kong SAR)	1.4
Canada	1.3	Sweden	1.2	Philippines	1.8	Iran (Islamic Republic of)	1.1
Austria	1.1	Netherlands	1.1	Algeria	1.1	Indonesia	0.8
India	0.9	Canada	1.1	Indonesia	0.8	Egypt	0.4
Mexico	0.8	Finland	0.9	Iran (Islamic Republic of)	0.7	Peru	0.4
Sum of above	90.0	Sum of above	91.1	Sum of above	92.5	Sum of above	92.7

a/ In world total value added (excluding eastern Europe and the former USSR) at constant 1990 prices.

b/ In total value added of developing countries at constant 1990 prices.

TABLE 1.8

STRUCTURE OF MVA IN SELECTED COUNTRY GROUPS, SELECTED YEARS<sup>a/</sup>

(Percentage)

Branch (ISIC)	Year	Industrialized countries						Developing countries			
		Eastern Europe and former USSR	Western Europe		Japan	North America	All countries	NICs	Second-generation NICs	Others	All countries
			EU b/	Other							
Food products (311/2)	1985	15.8	8.6	9.2	8.7	9.9	10.0	9.3	14.8	15.7	11.5
	1990	16.2	8.5	8.5	7.5	9.3	9.4	9.0	12.1	16.1	10.8
	1995	13.7	9.1	8.4	7.8	8.2	8.9	8.7	11.4	15.8	10.5
	1998c/	13.3	8.9	7.4	7.9	6.5	8.1	8.2	12.1	15.5	10.2
Beverages (313)	1985	2.8	2.3	2.1	1.3	1.8	2.1	3.0	4.2	5.1	3.7
	1990	2.3	2.4	1.9	1.2	1.7	1.9	3.0	4.0	5.3	3.6
	1995	3.1	2.4	1.9	1.1	1.5	1.9	3.0	4.2	5.8	3.7
	1998c/	4.7	2.3	1.7	1.1	1.2	1.8	2.8	4.2	5.8	3.6
Tobacco (314)	1985	1.0	1.7	1.3	0.3	1.8	1.3	2.6	5.9	6.1	3.8
	1990	0.8	1.5	1.2	0.2	1.6	1.2	2.2	4.8	5.3	3.2
	1995	0.8	1.4	1.2	0.2	1.4	1.1	2.0	5.3	5.3	3.2
	1998c/	1.4	1.3	1.1	0.2	1.0	1.0	2.0	6.2	5.3	3.4
Textiles (321)	1985	8.4	4.1	2.9	4.2	2.8	4.3	7.8	8.6	9.0	8.2
	1990	8.7	3.6	2.4	3.0	2.6	3.7	7.0	8.7	8.8	7.6
	1995	2.9	3.3	2.2	2.2	2.5	2.8	6.1	7.1	7.6	6.6
	1998c/	2.2	3.1	1.8	1.9	2.0	2.4	5.7	6.6	7.6	6.2
Wearing apparel (322)	1985	3.2	2.6	1.1	1.7	2.3	2.4	3.8	5.9	2.4	3.8
	1990	3.3	2.0	0.8	1.3	2.0	2.0	3.2	5.7	2.4	3.5
	1995	1.6	1.7	0.6	1.5	1.7	1.7	2.2	5.0	2.0	2.7
	1998c/	1.5	1.4	0.5	1.2	1.2	1.3	1.8	4.8	1.9	2.5
Leather and fur products (323)	1985	0.8	0.5	0.1	0.3	0.2	0.4	1.0	0.3	0.8	0.9
	1990	0.8	0.4	0.1	0.2	0.2	0.3	0.8	0.3	0.7	0.7
	1995	0.4	0.3	0.1	0.2	0.1	0.2	0.5	0.2	0.6	0.5
	1998c/	0.2	0.3	0.1	0.1	0.1	0.2	0.5	0.2	0.6	0.4
Footwear (324)	1985	0.9	0.8	0.3	0.2	0.3	0.6	1.6	0.6	1.3	1.4
	1990	1.0	0.6	0.2	0.2	0.2	0.4	1.2	0.5	1.0	1.1
	1995	0.7	0.6	0.1	0.1	0.1	0.3	0.8	0.6	0.7	0.7
	1998c/	0.5	0.5	0.1	0.1	0.1	0.3	0.7	0.4	0.7	0.6
Wood and cork products (331)	1985	1.4	1.6	4.1	1.8	1.9	1.8	1.2	2.1	1.8	1.4
	1990	1.4	1.6	4.1	1.6	1.8	1.7	0.9	3.1	1.5	1.4
	1995	1.9	1.7	3.7	1.3	1.5	1.6	0.6	2.7	1.3	1.2
	1998c/	2.0	1.6	3.6	1.1	1.3	1.5	0.6	2.5	1.1	1.1

a/ Percentage shares of individual branches in total MVA at constant 1990 prices.

b/ After 1990 including estimates for the eastern part of Germany.

c/ 1997 for developing countries.

TABLE 1.8  
(continued)

STRUCTURE OF MVA IN SELECTED COUNTRY GROUPS, SELECTED YEARS<sup>a/</sup>

(Percentage)

Branch (ISIC)	Year	Industrialized countries						Developing countries			
		Eastern Europe and former USSR	Western Europe		Japan	North America	All countries	NICs	Second-generation NICs	Others	All countries
			EU b/	Other							
Furniture, fixtures excl. metallic (332)	1985	1.4	1.6	2.0	1.0	1.4	1.4	1.2	0.6	1.2	1.1
	1990	1.4	1.7	1.9	1.0	1.3	1.4	1.0	0.8	0.7	0.9
	1995	1.4	1.6	1.7	0.7	1.2	1.3	0.8	0.7	0.7	0.7
	1998c/	1.4	1.5	1.7	0.7	1.0	1.2	0.7	0.7	0.6	0.7
Paper (341)	1985	1.8	3.0	2.8	2.3	4.7	3.2	2.4	1.9	1.8	2.2
	1990	1.4	3.1	2.8	2.5	4.6	3.2	2.5	1.9	2.1	2.3
	1995	2.7	3.2	2.9	2.7	4.2	3.5	2.5	2.0	2.2	2.4
	1998c/	2.1	3.1	2.6	2.8	3.4	3.1	2.5	1.9	2.1	2.3
Printing and publishing (342)	1985	0.4	4.0	7.9	6.0	7.9	5.1	2.2	1.6	1.9	2.0
	1990	0.5	4.4	7.9	5.4	7.7	5.2	2.3	1.5	1.9	2.1
	1995	1.0	4.3	7.9	6.4	6.1	5.2	2.6	1.4	2.4	2.3
	1998c/	1.1	4.2	7.9	6.5	4.8	4.8	2.4	1.2	2.3	2.2
Industrial chemicals (351)	1985	5.3	5.6	1.7	4.2	5.1	5.1	5.5	4.7	4.4	5.1
	1990	5.0	5.5	1.8	4.3	5.5	5.1	5.9	4.4	5.1	5.5
	1995	5.6	5.9	2.1	4.9	4.9	5.2	6.3	4.1	5.7	5.8
	1998c/	4.7	6.1	2.2	4.9	4.0	4.9	6.6	4.2	6.2	6.0
Other chemicals (352)	1985	2.7	4.7	8.3	5.0	5.9	4.9	5.7	4.2	4.6	5.3
	1990	2.3	4.8	10.0	5.2	6.1	5.1	5.7	4.4	5.1	5.4
	1995	2.6	5.2	13.3	6.0	5.5	5.5	5.9	4.2	6.0	5.6
	1998c/	3.1	5.3	16.3	6.0	4.5	5.2	6.1	4.3	6.2	5.8
Petroleum refineries (353)	1985	3.7	2.7	0.3	0.6	1.8	2.1	4.1	13.0	13.7	7.5
	1990	3.4	2.4	0.4	0.5	1.8	1.9	4.0	12.4	15.0	7.5
	1995	5.6	2.5	0.4	0.7	1.5	1.9	4.1	12.4	13.6	7.5
	1998c/	3.3	2.5	0.3	0.7	1.2	1.7	4.4	11.1	12.7	7.2
Prods. of petroleum and coal (354)	1985	0.9	0.8	0.3	0.2	0.3	0.6	0.6	0.6	0.4	0.5
	1990	1.0	0.7	0.3	0.2	0.3	0.5	0.5	0.6	0.4	0.5
	1995	1.5	0.7	0.3	0.2	0.3	0.5	0.5	0.5	0.4	0.5
	1998c/	2.0	0.6	0.3	0.2	0.2	0.5	0.6	0.4	0.4	0.5
Rubber products (355)	1985	1.4	1.2	0.5	1.4	1.0	1.2	1.7	1.8	0.8	1.5
	1990	1.2	1.2	0.5	1.3	1.0	1.2	1.8	1.9	1.0	1.7
	1995	1.4	1.3	0.4	1.3	1.1	1.2	1.7	2.2	1.0	1.7
	1998c/	1.3	1.3	0.4	1.3	0.9	1.1	1.7	2.3	1.0	1.7

a/ Percentage shares of individual branches in total MVA at constant 1990 prices.

b/ After 1990 including estimates for the eastern part of Germany.

c/ 1997 for developing countries.

TABLE 1.8  
(continued)

STRUCTURE OF MVA IN SELECTED COUNTRY GROUPS, SELECTED YEARS<sup>a/</sup>

(Percentage)

Branch (ISIC)	Year	Industrialized countries						Developing countries			
		Eastern Europe and former USSR	Western Europe		Japan	North America	All countries	NICs	Second-generation NICs	Others	All countries
			EU b/	Other							
Plastic products (356)	1985	0.9	2.7	2.4	3.4	2.6	2.6	2.9	1.4	1.5	2.4
	1990	0.7	3.0	2.5	3.5	2.8	2.8	3.0	1.3	1.5	2.4
	1995	1.0	3.1	2.0	3.4	3.0	3.0	2.6	1.5	1.7	2.2
	1998c/	1.1	3.1	1.9	3.4	2.5	2.8	2.6	1.5	1.7	2.3
Pottery, china, earthenware (361)	1985	0.4	0.6	0.4	0.3	0.1	0.4	0.4	0.8	0.3	0.4
	1990	0.4	0.6	0.3	0.3	0.1	0.4	0.4	0.9	0.3	0.5
	1995	0.8	0.6	0.3	0.3	0.1	0.4	0.4	0.9	0.3	0.5
	1998c/	0.7	0.5	0.2	0.3	0.1	0.3	0.4	0.9	0.4	0.5
Glass (362)	1985	0.7	1.0	0.9	1.0	0.8	0.9	0.9	0.9	0.5	0.8
	1990	0.7	1.0	0.8	1.0	0.8	0.9	0.9	1.1	0.6	0.9
	1995	0.8	1.0	0.6	0.9	0.6	0.8	0.9	1.2	0.7	0.9
	1998c/	0.9	0.9	0.6	0.8	0.6	0.8	0.9	1.2	0.7	0.9
Other non-metallic mineral prods. (369)	1985	2.8	3.0	3.8	3.2	2.0	2.7	3.1	3.9	4.4	3.5
	1990	3.0	3.1	3.2	3.0	1.9	2.7	3.1	4.3	4.8	3.6
	1995	4.7	3.0	2.6	2.9	1.6	2.6	3.3	4.9	5.0	3.9
	1998c/	3.9	2.8	2.4	2.6	1.4	2.3	3.3	4.8	5.0	3.9
Iron and steel (371)	1985	5.8	4.3	2.3	6.2	2.7	4.4	5.7	2.4	3.9	4.8
	1990	5.5	3.9	2.3	5.4	2.4	4.0	6.0	3.5	3.8	5.1
	1995	8.0	4.0	2.0	5.1	2.2	3.8	6.7	4.4	4.3	5.8
	1998c/	7.0	3.8	2.0	4.7	1.8	3.3	6.9	4.1	4.2	5.9
Non-ferrous metals (372)	1985	3.2	1.5	2.0	1.3	1.6	1.7	1.8	1.4	4.0	2.2
	1990	3.2	1.5	2.1	1.3	1.4	1.7	1.8	1.3	4.2	2.1
	1995	6.9	1.5	2.0	1.4	1.3	1.7	1.9	1.2	4.3	2.2
	1998c/	7.4	1.4	2.0	1.5	1.1	1.6	1.9	1.1	4.7	2.2
Metal products (381)	1985	2.8	6.7	7.0	7.2	5.9	6.1	4.4	2.5	3.4	3.9
	1990	2.5	6.8	7.2	7.1	5.4	6.1	4.3	2.9	3.3	3.9
	1995	2.8	6.6	7.2	6.9	5.0	6.0	4.1	2.9	3.5	3.7
	1998c/	3.0	6.6	7.3	6.3	4.2	5.5	4.0	3.0	3.5	3.7
Non-electrical machinery (382)	1985	13.0	11.6	14.6	12.8	8.8	11.2	7.0	2.5	3.2	5.5
	1990	13.8	12.2	14.8	14.2	10.6	12.2	7.2	2.6	2.6	5.5
	1995	12.3	12.3	14.1	12.3	16.1	13.4	7.1	2.6	2.4	5.4
	1998c/	13.7	12.7	14.0	11.9	23.6	16.6	6.8	3.0	2.8	5.3

a/ Percentage shares of individual branches in total MVA at constant 1990 prices.

b/ After 1990 including estimates for the eastern part of Germany.

c/ 1997 for developing countries.

TABLE 1.8  
(continued)

STRUCTURE OF MVA IN SELECTED COUNTRY GROUPS, SELECTED YEARS<sup>a/</sup>

(Percentage)

Branch (ISIC)	Year	Industrialized countries						Developing countries			
		Eastern Europe and former USSR	Western Europe		Japan	North America	All countries	NICs	Second-generation NICs	Others	All countries
			EU b/	Other							
Electrical machinery (383)	1985	8.1	10.6	12.8	12.8	7.5	9.8	8.1	4.2	2.7	6.4
	1990	8.2	10.5	13.7	15.0	8.4	10.6	10.6	5.7	2.8	8.3
	1995	6.8	11.0	13.6	17.2	12.5	12.5	12.4	6.9	2.4	9.5
	1998c/	5.9	11.5	13.7	19.1	17.8	14.9	12.7	7.9	2.6	10.0
Transport equipment (384)	1985	6.1	9.8	3.2	9.8	11.8	9.7	9.7	5.7	3.9	7.9
	1990	6.5	10.7	2.9	10.7	11.7	10.4	9.3	6.8	2.7	7.7
	1995	6.3	9.5	3.2	10.1	9.9	9.5	10.3	7.6	3.2	8.5
	1998c/	8.7	10.4	3.2	10.4	8.6	9.5	11.4	7.7	3.3	9.3
Prof., scient. equipment (385)	1985	1.6	1.4	3.9	1.4	5.7	2.6	0.9	0.6	0.2	0.7
	1990	1.5	1.3	3.7	1.4	5.4	2.5	1.0	0.4	0.2	0.8
	1995	1.1	1.3	3.6	1.1	4.6	2.4	0.9	0.3	0.3	0.7
	1998c/	1.1	1.4	3.2	1.2	3.8	2.3	0.8	0.3	0.3	0.6
Other manufactures (390)	1985	2.7	1.0	1.8	1.4	1.4	1.4	1.4	2.9	1.0	1.6
	1990	3.3	1.0	1.7	1.5	1.4	1.5	1.4	2.1	0.8	1.4
	1995	1.6	0.9	1.6	1.1	1.3	1.1	1.1	1.6	0.8	1.1
	1998c/	1.8	0.9	1.5	1.1	1.1	1.0	1.0	1.4	0.8	1.0
Total manufacturing (3)	1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1990	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1995	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1998c/	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

a/ Percentage shares of individual branches in total MVA at constant 1990 prices.

b/ After 1990 including estimates for the eastern part of Germany.

c/ 1997 for developing countries.

TABLE 1.9

ANNUAL GROWTH OF VALUE ADDED OF BRANCHES, SELECTED COUNTRY GROUPS, 1980-1990 AND 1990-1998<sup>a/</sup>

(Percentage)

Branch (ISIC)	Industrialized countries excluding eastern Europe and former USSR		Eastern Europe and former USSR		Developing countries							
					All countries		NICs		Second-generation NICs		Others	
	1980-1990	1990-1998	1980-1990	1990-1998	1980-1990	1990-1998	1980-1990	1990-1998	1980-1990	1990-1998	1980-1990	1990-1998
Food products (311/2)	1.8	1.3	1.7	...	2.4	3.8	2.8	2.8	2.9	6.9b/	1.6	2.4
Beverages (313)	1.7	0.8	-1.4	...	2.4	4.2	2.5	3.1	3.4	7.5	1.5	3.9
Tobacco (314)	0.0	0.4	0.7	...	1.7	5.7	1.6	1.9	2.9	...	0.9	...
Textiles (321)	0.1	-0.9	1.1	...	2.5	1.3	2.1	0.7	6.5	3.1	0.7	1.2
Wearing apparel (322)	-0.6	-1.4	1.7	...	2.6	-0.3	2.2	-3.5	5.5	...	...	...
Leather and fur products (323)	-1.5	-2.9	-0.0	...	0.8	-1.5	2.0	-3.4	0.5	3.0	...	...
Footwear (324)	-2.8	-2.4	2.4	...	-0.6	-2.8	0.6	-3.3	1.9	1.8	...	...
Wood and cork products (331)	1.5	0.7	2.2	...	2.0	...	1.0	...	6.9	2.7	...	...
Furniture, fixtures excl. metallic (332)	1.6	0.3	3.0	...	-0.3	...	2.5	...	5.3	4.4	...	...
Paper (341)	3.2	1.8	1.2	...	4.5	4.1	5.0	3.6	6.5	7.6	1.5	3.2
Printing and publishing (342)	3.2	1.1	2.9	...	3.2	4.2	4.4	3.9	3.0	4.7	...	...
Industrial chemicals (351)	3.4	2.6	2.0	...	6.0	5.9	6.0	5.8	7.0	5.7	5.2	...
Other chemicals (352)	3.9	2.7	1.2	...	3.6	5.5	3.4	5.2	6.8	5.8	...	...
Petroleum refineries (353)	-0.8	1.4	0.9	...	3.7	3.8	3.4	5.3	5.6	4.6	2.7	1.9b/
Prods. of petroleum and coal (354)	-0.9	0.2	1.3	...	2.9	4.9	3.0	5.7	4.4	3.3	...	...
Rubber products (355)	3.1	2.4	1.6	...	5.2	4.2	5.4	2.7	6.3	8.4	2.2	3.3c/
Plastic products (356)	4.9	2.6	1.4	...	5.3	2.9	6.3	1.7	3.8	8.9	...	...
Pottery, china, earthenware (361)	1.0	-0.2	2.6	...	4.2	4.5	3.0	3.2	8.2	6.4	2.0	4.0b/
Glass (362)	1.4	0.8	2.8	...	4.1	4.2	2.8	3.1	10.6	6.7	3.5	5.1b/
Other non-metallic mineral prods. (369)	1.1	0.6	2.0	...	3.5	4.7	2.7	4.5	7.2	6.8	2.8	3.4b/
Iron and steel (371)	0.5	0.8	0.8	...	4.9	6.3	4.7	6.4	11.4	8.0	2.6	...
Non-ferrous metals (372)	2.1	2.2	1.5	...	3.0	5.4	4.0	5.6	2.0	4.3	2.0	4.9b/
Metal products (381)	1.4	1.4	2.5	...	3.2	3.4	4.1	2.7	6.6	6.9	...	...
Non-electrical machinery (382)	4.4	7.5	4.0	...	3.5	3.6	4.0	3.2	4.0	7.8	...	...
Electrical machinery (383)	5.5	7.7	5.0	...	7.5	7.0	8.3	6.7	10.0	10.8	...	...
Transport equipment (384)	3.5	1.2	3.8	...	3.0	7.3	3.5	7.5	6.0	7.2	...	...
Prof., scient. equipment (385)	2.5	1.1	4.8	...	...	...	4.9	0.9	...	...	...	...
Other manufactures (390)	2.0	-0.0	4.8	...	...	...	3.7	...	...	...	...	...

a/ At constant 1990 prices.

b/ Figure refers to the period 1990-1997.

c/ Figure refers to the period 1990-1996.

TABLE 1.10

## SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISIC)	Argentina		Austria		Bermuda		Bulgaria		Chile	
	1990	1994	1990	1998	1990	1996	1990	1998	1990	1997
Food products (311/2)	...	19.0	39.8	44.1	36.9	33.7	...	50.1	25.4	29.1
Beverages (313)	...	11.6	20.5	27.3	13.5	12.9	...	42.6	8.3	10.6
Tobacco (314)	...	14.6	42.9	...	...	...	...	56.3	8.9	7.8
Textiles (321)	...	22.6	55.8	47.8	...	...	...	65.7	30.4	34.8
Wearing apparel (322)	...	65.9	88.8	82.1	74.1	68.4	...	88.2	65.9	58.3
Leather and fur products (323)	...	13.3	60.7	57.3	...	...	...	63.0	11.8	14.7
Footwear (324)	...	28.1	67.9	63.2	30.8	...	...	76.2	37.8	37.1
Wood and cork products (331)	...	4.8	16.6	16.4	12.9	15.0	...	34.2	5.4	7.3
Furniture, fixtures excl. metallic (332)	...	7.3	20.1	20.7	26.9	30.3	...	40.1	9.4	13.3
Paper (341)	...	13.7	20.0	19.1	...	...	...	49.7	5.6	8.2
Printing and publishing (342)	...	21.1	34.6	38.7	47.4	44.0	...	53.7	15.8	18.9
Industrial chemicals (351)	...	9.1	18.2	17.4	23.5	16.7	...	37.7	7.1	7.5
Other chemicals (352)	...	28.8	40.1	40.5	...	...	...	...	32.0	32.7
Petroleum refineries (353)	...	6.7	18.9	...	10.5	...	...	35.9	7.1	6.9
Prods. of petroleum and coal (354)	...	7.9	9.1	...	...	...	...	...	4.1	8.5
Rubber products (355)	...	10.1	23.9	15.8	...	...	...	42.1	10.5	9.9
Plastic products (356)	...	18.1	36.5	29.0	...	...	...	52.5	16.9	13.4
Pottery, china, earthenware (361)	...	13.7	46.7	44.3	50.0	55.6	...	...	14.3	14.7
Glass (362)	...	5.6	34.4	29.7	35.0	...	...	45.1	5.0	8.0
Other non-metallic mineral prods.(369)	...	4.3	12.0	14.0	50.0	...	...	...	5.0	5.8
Iron and steel (371)	...	3.2	9.9	8.5	...	...	...	31.7	2.9	3.0
Non-ferrous metals (372)	...	6.0	17.7	17.2	...	...	...	25.5	2.3	4.1
Metal products (381)	...	8.0	21.1	18.5	17.1	12.0	...	33.3	6.0	6.6
Non-electrical machinery (382)	...	7.7	12.7	15.7	9.1	...	...	32.5	5.6	4.4
Electrical machinery (383)	...	20.1	35.7	29.6	33.3	28.6	...	45.8	12.1	14.6
Transport equipment (384)	...	5.3	14.8	14.0	7.7	13.3	...	26.1	6.9	7.0
Prof., scient. equipment (385)	...	22.7	47.1	39.6	42.9	...	...	51.3	21.4	19.9
Other manufactures (390)	...	27.1	36.6	47.2	35.3	40.5	...	59.3	36.0	28.2
Total manufacturing (3)	...	17.0	29.4	...	35.6	33.9	...	...	20.2	20.4

TABLE 1.10

## SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISIC)	China (Macao SAR)		China (Taiwan Prov.)		Colombia		Côte d'Ivoire		Croatia	
	1990	1997	1990	1997	1991	1997	1990	1997	1990	1997
Food products (311/2)	26.0	48.1	44.8	45.4	26.4	32.9	...	9.9	43.8	43.8
Beverages (313)	22.4	24.2	34.9	33.9	14.1	15.1	...	7.2	33.5	35.0
Tobacco (314)	48.7	39.0	67.8	92.6	24.3	25.3	...	...	56.1	47.9
Textiles (321)	60.6	69.9	57.4	52.5	35.5	43.3	...	4.1	69.9	68.3
Wearing apparel (322)	74.5	80.8	79.1	78.7	80.2	80.8	...	13.4	86.2	86.0
Leather and fur products (323)	48.2	58.3	46.5	34.1	48.5	43.9	...	...	64.2	64.4
Footwear (324)	52.7	78.3	65.8	65.2	50.6	52.6	...	2.7	74.5	78.2
Wood and cork products (331)	12.6	9.8	42.4	41.3	17.0	16.2	...	4.1	30.5	33.8
Furniture, fixtures excl. metallic (332)	5.9	5.5	37.9	37.8	22.1	27.8	...	1.4	35.6	34.3
Paper (341)	10.5	20.3	31.8	31.7	20.1	19.4	...	12.2	42.5	39.8
Printing and publishing (342)	23.0	29.4	34.9	36.5	36.4	38.3	...	15.4	49.9	48.4
Industrial chemicals (351)	...	...	26.4	24.1	13.2	17.2	...	9.7	24.8	23.3
Other chemicals (352)	50.5	50.2	43.8	44.6	42.6	49.6	...	21.1	51.3	52.2
Petroleum refineries (353)	...	...	9.0	10.0	11.2	1.9	...	...	21.4	...
Prods. of petroleum and coal (354)	...	...	17.9	11.2	12.2	20.6	...	...	12.9	...
Rubber products (355)	12.5	40.0	45.4	41.3	13.7	24.9	...	5.8	49.1	42.9
Plastic products (356)	14.0	29.8	53.1	44.7	34.3	36.7	...	...	41.5	36.0
Pottery, china, earthenware (361)	29.5	...	53.3	39.2	21.1	19.4	...	...	41.0	43.8
Glass (362)	3.4	16.7	36.3	38.1	14.2	17.7	...	...	39.1	34.9
Other non-metallic mineral prods.(369)	13.5	16.3	25.4	22.8	9.6	11.0	...	3.9	17.6	19.0
Iron and steel (371)	...	...	15.6	15.3	9.2	8.9	...	...	11.1	19.0
Non-ferrous metals (372)	...	...	22.5	22.8	13.0	15.3	...	...	17.9	14.4
Metal products (381)	4.0	11.1	31.3	32.7	18.0	19.8	...	6.3	23.3	23.5
Non-electrical machinery (382)	5.8	16.5	33.2	34.5	14.1	17.4	...	...	15.2	21.9
Electrical machinery (383)	66.8	66.7	54.6	52.2	30.6	33.6	...	6.4	39.0	38.2
Transport equipment (384)	2.1	3.5	21.6	24.4	13.7	16.3	...	2.7	17.2	15.7
Prof., scient. equipment (385)	57.1	57.1	56.8	57.4	47.2	47.5	...	...	46.5	40.8
Other manufactures (390)	64.5	67.9	56.5	52.1	40.4	48.8	...	...	55.6	47.9
Total manufacturing (3)	63.9	72.0	45.1	41.9	31.7	36.2	...	8.3	41.5	42.5



TABLE 1.10

## SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISIC)	Cyprus		Czech Republic		Egypt		El Salvador		Ethiopia	
	1990	1994	1990	1993	1991	1997	1990	1998	1991	1998
Food products (311/2)	44.4	44.1	50.0	53.3	9.0	11.8	...	37.8	18.1	16.3
Beverages (313)	29.1	27.5	41.7	43.5	10.9	6.8	...	9.4	25.1	24.8
Tobacco (314)	45.7	56.5	50.0	50.0	16.1	16.8	...	...	33.5	38.9
Textiles (321)	77.6	73.7	68.3	69.0	12.6	15.5	...	43.3	44.8	43.0
Wearing apparel (322)	94.7	96.3	82.9	87.9	53.6	43.2	...	81.4	70.2	59.8
Leather and fur products (323)	71.6	67.1	84.6	75.0	9.4	10.5	...	23.7	15.9	18.9
Footwear (324)	63.9	64.8	52.8	70.4	22.0	24.0	...	51.5	38.9	39.6
Wood and cork products (331)	8.7	10.4	40.0	33.3	2.7	3.6	...	21.2	11.8	17.9
Furniture, fixtures excl. metallic (332)	21.3	38.2	55.6	46.2	4.9	5.6	...	11.0	12.8	13.1
Paper (341)	41.8	38.4	44.0	45.5	7.6	8.2	...	37.1	25.9	34.2
Printing and publishing (342)	38.3	42.3	50.0	56.3	7.8	8.4	...	34.3	37.7	38.5
Industrial chemicals (351)	25.5	24.6	36.2	33.3	5.9	5.5	...	13.1	23.6	10.4
Other chemicals (352)	46.1	43.9	53.8	57.1	24.4	24.9	...	48.1	33.0	37.0
Petroleum refineries (353)	7.0	6.5	46.2	35.7	7.8	11.9	...	9.0	...	...
Prods. of petroleum and coal (354)	...	...	29.4	...	5.1	2.1	...	42.9	...	...
Rubber products (355)	25.0	34.2	43.8	33.3	3.0	7.7	...	19.5	9.4	11.6
Plastic products (356)	33.4	31.0	57.1	50.0	11.8	11.4	...	28.8	31.8	35.2
Pottery, china, earthenware (361)	75.8	61.9	55.6	63.6	14.5	7.0	...	30.4	...	...
Glass (362)	24.7	25.3	48.3	45.2	8.9	10.8	...	13.1	15.4	22.0
Other non-metallic mineral prods. (369)	11.4	12.1	26.7	27.0	3.2	4.4	...	7.3	10.3	12.3
Iron and steel (371)	...	...	28.6	25.5	2.5	2.5	...	3.8	6.9	10.0
Non-ferrous metals (372)	...	...	28.6	33.3	1.7	1.5	...	...	...	...
Metal products (381)	14.1	15.4	44.8	32.9	5.6	6.2	...	11.4	15.3	15.9
Non-electrical machinery (382)	13.4	14.2	31.8	26.3	4.5	7.2	...	5.4	22.6	8.0
Electrical machinery (383)	34.4	34.8	48.0	44.6	17.4	15.5	...	51.3	18.6	...
Transport equipment (384)	19.1	17.1	30.9	33.3	3.5	5.5	...	11.3	17.8	10.5
Prof., scient. equipment (385)	50.0	68.1	47.1	43.5	14.4	25.3	...	56.0	...	...
Other manufactures (390)	33.8	28.7	58.3	47.7	24.5	24.6	...	43.1	...	...
Total manufacturing (3)	51.1	45.9	42.7	42.1	10.7	13.9	...	52.3	32.4	...

TABLE 1.10

## SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISIC)	Fiji		India		Indonesia		Italy		Japan	
	1990	1998	1990	1997	1990	1996	1991	1994	1990	1998
Food products (311/2)	...	17.0	...	15.5	...	40.5	29.0	25.5	...	59.0
Beverages (313)	...	25.6	...	6.3	...	35.3	19.2	20.3	...	30.6
Tobacco (314)	...	36.7	...	34.9	...	80.8	10.1	6.5	...	35.7
Textiles (321)	...	78.1	...	8.6	...	53.5	57.2	49.6	...	60.7
Wearing apparel (322)	...	59.3	...	54.5	...	76.1	78.7	78.6	...	83.9
Leather and fur products (323)	...	...	...	16.3	...	47.2	45.2	45.1	...	48.1
Footwear (324)	...	...	...	38.1	...	76.0	53.3	50.0	...	53.8
Wood and cork products (331)	...	2.9	...	9.4	...	35.9	22.1	21.1	...	29.0
Furniture, fixtures exc1. metallic (332)	...	7.5	...	0.8	...	30.1	23.9	24.9	...	28.8
Paper (341)	...	21.0	...	3.8	...	20.6	20.2	19.4	...	31.6
Printing and publishing (342)	...	24.2	...	3.2	...	30.9	28.0	24.7	...	29.9
Industrial chemicals (351)	...	20.7	...	1.0	...	18.1	10.8	9.7	...	11.0
Other chemicals (352)	...	7.5	...	19.2	...	49.5	27.6	26.6	...	33.5
Petroleum refineries (353)	...	28.9	...	0.3	...	14.4	7.6	...	...	9.5
Prods. of petroleum and coal (354)	...	...	...	5.0	...	20.2	9.8	...	...	20.0
Rubber products (355)	...	...	...	3.9	...	24.2	18.2	15.6	...	30.0
Plastic products (356)	...	...	...	5.2	...	49.1	28.8	27.5	...	39.9
Pottery, china, earthenware (361)	...	...	...	6.8	...	32.3	30.6	24.4	...	42.1
Glass (362)	...	...	...	2.3	...	16.6	13.3	15.0	...	23.5
Other non-metallic mineral prods.(369)	...	2.5	...	6.8	...	23.9	7.1	15.7	...	19.6
Iron and steel (371)	...	5.8	...	1.0	...	5.1	6.8	5.4	...	9.8
Non-ferrous metals (372)	...	...	...	0.8	...	9.3	10.4	11.2	...	18.6
Metal products (381)	...	12.1	...	2.2	...	21.1	17.3	17.0	...	25.5
Non-electrical machinery (382)	...	17.8	...	1.9	...	11.3	14.2	14.8	...	25.7
Electrical machinery (383)	...	5.8	...	7.8	...	54.0	30.0	24.7	...	37.6
Transport equipment (384)	...	6.4	...	1.1	...	12.3	12.4	7.7	...	16.9
Prof., scient. equipment (385)	...	...	...	11.6	...	62.4	38.0	31.6	...	36.9
Other manufactures (390)	...	38.5	...	16.1	...	67.4	54.1	42.2	...	42.4
Total manufacturing (3)	...	47.1	...	10.9	...	46.8	27.3	25.5	...	35.0

TABLE 1.10

## SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISIC)	Jordan		Kenya		Latvia		Malaysia		Malta	
	1990	1997	1990	1998	1990	1998	1990	1997	1990	1996
Food products (311/2)	9.3	9.2	18.6	27.0	...	58.7	34.7	37.9	18.0	19.3
Beverages (313)	11.2	7.9	5.7	12.6	...	43.6	33.3	38.2	11.5	12.6
Tobacco (314)	4.4	4.4	13.9	...	...	42.0	46.5	15.6	66.4	29.7
Textiles (321)	32.1	28.0	8.6	11.1	...	71.8	58.2	49.2	63.1	50.7
Wearing apparel (322)	29.2	41.9	24.4	21.1	...	81.4	85.3	73.4	81.8	82.4
Leather and fur products (323)	15.0	23.8	18.8	22.3	...	65.2	61.1	70.8	67.8	68.7
Footwear (324)	12.4	10.2	1.4	5.2	...	73.8	50.0	54.5	58.3	65.1
Wood and cork products (331)	0.0	0.1	8.6	8.7	...	19.7	26.0	35.3	0.6	8.5
Furniture, fixtures excl. metallic (332)	0.4	0.9	2.7	12.6	...	27.0	29.7	27.9	5.8	5.3
Paper (341)	13.8	16.9	4.3	6.1	...	39.0	33.3	34.1	17.8	12.3
Printing and publishing (342)	4.5	7.7	14.0	16.7	...	49.5	41.2	38.0	26.9	25.5
Industrial chemicals (351)	6.0	2.7	16.5	26.4	...	63.8	16.3	18.0	25.8	22.1
Other chemicals (352)	27.6	23.8	17.3	28.6	...	60.3	41.5	40.1	...	...
Petroleum refineries (353)	1.9	2.1	7.2	7.0	...	...	9.1	10.8	...	...
Prods. of petroleum and coal (354)	...	...	...	...	...	...	20.0	13.3	...	...
Rubber products (355)	5.9	1.7	4.5	9.8	...	...	50.3	45.3	32.8	39.6
Plastic products (356)	3.2	6.2	8.5	4.8	...	35.4	53.4	43.4	22.2	30.4
Pottery, china, earthenware (361)	8.0	6.6	3.8	3.8	...	...	59.2	54.5	12.1	21.5
Glass (362)	1.3	0.8	0.3	37.1	...	37.5	13.9	28.4	14.0	13.5
Other non-metallic mineral prods. (369)	0.8	1.1	2.7	6.1	...	26.2	19.6	16.0	3.9	3.0
Iron and steel (371)	1.4	1.2	...	...	...	...	11.7	12.8	...	...
Non-ferrous metals (372)	3.0	1.7	...	...	...	...	16.7	22.4	...	...
Metal products (381)	2.3	1.4	5.6	7.7	...	26.4	30.5	25.3	...	...
Non-electrical machinery (382)	4.3	4.7	2.2	...	...	...	25.2	41.7	2.8	8.2
Electrical machinery (383)	12.0	15.0	7.0	13.0	...	...	75.4	67.3	36.2	50.7
Transport equipment (384)	4.1	3.0	2.4	2.0	...	26.8	20.7	21.0	2.1	3.1
Prof., scient. equipment (385)	34.6	18.7	13.8	32.2	...	...	72.6	90.5	70.7	64.1
Other manufactures (390)	13.9	40.0	26.4	20.3	...	50.6	62.8	70.7	38.6	32.6
Total manufacturing (3)	8.9	9.8	11.3	16.4	...	...	50.7	47.0	38.4	35.2

TABLE 1.10

## SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISIC)	Morocco		Mozambique		Nepal		New Zealand		Nigeria	
	1992	1998	1990	1996	1990	1996	1990	1993	1990	1994
Food products (311/2)	11.6	16.1	...	35.9	12.6	7.9	26.0	30.3	...	23.3
Beverages (313)	3.2	5.2	...	7.2	12.1	9.1	29.4	...	...	22.3
Tobacco (314)	3.3	8.3	...	7.8	5.8	6.6	33.2	...	...	...
Textiles (321)	36.0	46.8	...	13.7	47.9	37.0	39.7	46.5	...	30.3
Wearing apparel (322)	75.5	76.8	...	46.6	15.4	17.9	73.9	82.0	...	74.9
Leather and fur products (323)	21.5	25.4	...	...	2.8	7.7	31.0	33.0	...	...
Footwear (324)	33.3	45.2	...	...	17.5	16.0	47.3	75.5	...	47.7
Wood and cork products (331)	7.9	7.2	...	2.4	5.4	2.7	11.6	12.6	...	23.8
Furniture, fixtures excl. metallic (332)	12.9	14.5	...	0.5	1.2	5.3	20.2	24.3	...	4.1
Paper (341)	13.5	12.1	...	20.4	5.3	18.9	19.0	18.8	...	43.9
Printing and publishing (342)	15.5	16.1	...	21.4	8.2	7.1	39.6	40.5	...	20.9
Industrial chemicals (351)	4.7	11.1	...	6.3	...	...	23.8	21.3	...	1.8
Other chemicals (352)	25.3	18.4	...	9.5	17.0	9.5	34.7	38.4	...	39.8
Petroleum refineries (353)	...	...	...	7.0	...	5.4	10.1	...	...	...
Prods. of petroleum and coal (354)	...	...	...	...	...	...	36.7	...	...	...
Rubber products (355)	4.3	4.9	...	10.2	5.0	11.6	18.4	18.5	...	5.9
Plastic products (356)	25.2	23.5	...	18.8	10.9	7.3	24.0	27.5	...	9.8
Pottery, china, earthenware (361)	24.2	23.7	...	...	...	...	39.0	58.0	...	...
Glass (362)	5.4	6.2	...	...	...	6.3	12.7	15.4	...	...
Other non-metallic mineral prods. (369)	2.4	3.2	...	4.6	17.5	15.2	10.8	12.6	...	7.8
Iron and steel (371)	3.1	4.7	...	12.3	0.7	0.1	10.1	11.2	...	8.2
Non-ferrous metals (372)	5.4	3.1	...	...	...	...	14.0	13.0	...	...
Metal products (381)	6.0	7.8	...	9.6	1.7	1.9	15.6	17.9	...	7.5
Non-electrical machinery (382)	6.8	6.8	...	6.3	...	1.0	12.0	14.7	...	0.9
Electrical machinery (383)	45.9	41.8	...	14.8	2.7	5.4	32.9	37.9	...	17.2
Transport equipment (384)	13.8	27.0	...	6.0	...	...	8.1	16.7	...	13.1
Prof., scient. equipment (385)	28.1	23.4	...	...	...	...	35.5	20.6	...	...
Other manufactures (390)	25.1	32.3	...	...	6.6	21.4	33.2	41.5	...	8.5
Total manufacturing (3)	30.0	35.6	...	19.6	23.1	21.7	26.3	30.2	...	18.8

TABLE 1.10

## SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISIC)	Panama		Philippines		Puerto Rico		Republic of Korea		Slovakia	
	1990	1998	1990	1995	1990	1997	1990	1998	1990	1998
Food products (311/2)	19.3	23.4	...	33.4	...	...	48.8	49.0	...	51.3
Beverages (313)	16.9	13.8	...	9.1	...	...	25.4	22.2	...	36.3
Tobacco (314)	19.9	...	...	45.0	38.3	46.2	30.6	20.2	...	...
Textiles (321)	30.1	42.2	...	52.4	54.4	58.4	57.4	47.8	...	74.0
Wearing apparel (322)	66.2	78.8	...	79.6	88.9	82.7	72.7	72.5	...	87.1
Leather and fur products (323)	8.3	10.8	...	66.6	...	...	37.3	41.2	...	...
Footwear (324)	35.6	43.5	...	57.6	...	...	49.3	51.1	...	75.6
Wood and cork products (331)	5.6	5.2	...	16.6	...	...	26.1	22.6	...	25.8
Furniture, fixtures excl. metallic (332)	6.7	...	...	28.6	28.9	17.0	28.0	23.5	...	35.9
Paper (341)	12.1	24.0	...	23.0	25.3	24.7	23.6	20.1	...	32.6
Printing and publishing (342)	34.6	29.1	...	31.4	47.6	55.0	28.9	29.5	...	51.0
Industrial chemicals (351)	25.9	14.9	...	19.8	...	...	15.7	11.7	...	34.8
Other chemicals (352)	24.8	25.7	...	33.4	...	...	37.0	28.1	...	52.5
Petroleum refineries (353)	...	5.4	...	12.8	...	...	4.2	...	...	28.1
Prods. of petroleum and coal (354)	...	...	...	22.7	...	...	11.8	...	...	...
Rubber products (355)	20.8	22.0	...	40.9	...	...	58.7	18.9	...	27.2
Plastic products (356)	18.0	13.0	...	27.3	...	...	28.2	25.4	...	39.3
Pottery, china, earthenware (361)	14.8	...	...	43.7	...	12.5	50.0	50.5	...	37.4
Glass (362)	7.3	8.3	...	9.0	...	...	22.4	15.7	...	42.7
Other non-metallic mineral prods.(369)	8.4	4.7	...	14.1	...	...	18.7	13.7	...	21.5
Iron and steel (371)	...	1.1	...	7.5	...	...	7.5	7.3	...	18.2
Non-ferrous metals (372)	...	9.6	...	18.2	...	...	12.3	11.5	...	27.8
Metal products (381)	9.0	5.8	...	18.5	17.7	18.0	19.8	18.9	...	20.9
Non-electrical machinery (382)	10.1	...	...	48.3	38.7	28.4	16.0	18.3	...	26.5
Electrical machinery (383)	9.1	...	...	70.1	61.0	52.0	49.1	38.4	...	56.8
Transport equipment (384)	8.3	...	...	12.3	52.6	41.4	12.7	9.6	...	20.7
Prof., scient. equipment (385)	24.6	...	...	80.3	67.0	58.4	40.7	37.0	...	39.8
Other manufactures (390)	...	...	...	65.3	58.5	51.3	49.0	41.4	...	52.5
Total manufacturing (3)	28.1	...	...	45.5	55.3	51.2	38.7	...	...	...

TABLE 1.10

## SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISIC)	Sri Lanka		St. Vincent & the Gr.		Thailand		United Kingdom		Zambia	
	1990	1995	1990	1998	1990	1994	1990	1995	1990	1994
Food products (311/2)	33.3	33.3	...	21.4	30.9	51.8	40.9	38.5	...	8.0
Beverages (313)	23.6	15.0	...	14.3	4.8	21.6	24.9	38.2	...	5.8
Tobacco (314)	55.2	56.7	...	60.0	49.9	57.6	38.2	25.0	...	5.2
Textiles (321)	62.1	64.1	...	...	66.6	67.1	47.9	46.4	...	10.9
Wearing apparel (322)	90.2	88.2	...	91.3	84.1	92.1	78.7	76.1	...	13.6
Leather and fur products (323)	47.7	62.9	...	...	55.1	63.4	41.9	46.7	...	42.6
Footwear (324)	47.6	52.0	...	...	76.2	67.7	55.2	44.7	...	12.6
Wood and cork products (331)	15.4	31.8	...	...	37.1	39.2	14.5	17.6	...	2.9
Furniture, fixtures excl. metallic (332)	5.1	8.2	...	...	46.0	43.1	21.8	10.4	...	2.8
Paper (341)	13.2	19.3	...	15.2	35.6	37.4	28.7	29.5	...	4.1
Printing and publishing (342)	13.2	11.7	...	54.5	43.6	42.1	35.4	40.8	...	17.1
Industrial chemicals (351)	8.1	8.5	...	...	13.9	24.3	17.4	29.1	...	7.0
Other chemicals (352)	30.3	33.6	...	66.7	55.9	54.3	38.9	30.9	...	11.6
Petroleum refineries (353)	...	...	...	...	...	19.0	14.9	23.1	...	...
Prods. of petroleum and coal (354)	...	...	...	...	...	17.2	5.0	...	...	...
Rubber products (355)	33.0	35.5	...	...	40.6	49.5	24.0	24.0	...	5.9
Plastic products (356)	60.7	38.7	...	...	33.4	51.1	32.1	24.3	...	5.0
Pottery, china, earthenware (361)	54.3	58.6	...	...	54.2	61.1	15.7	20.6	...	...
Glass (362)	5.8	6.9	...	...	35.7	37.4	8.9	20.9	...	...
Other non-metallic mineral prods. (369)	23.7	25.1	...	...	16.8	22.0	15.5	20.7	...	3.6
Iron and steel (371)	6.8	5.7	...	...	18.0	18.7	6.8	10.7	...	1.4
Non-ferrous metals (372)	4.7	35.4	...	...	8.2	14.9	9.8	12.0	...	3.0
Metal products (381)	17.7	9.1	...	14.5	33.5	42.5	18.1	18.2	...	3.5
Non-electrical machinery (382)	3.9	34.6	...	...	16.0	24.5	16.9	22.3	...	...
Electrical machinery (383)	38.0	51.0	...	30.0	40.6	56.4	29.9	33.2	...	...
Transport equipment (384)	9.4	10.4	...	41.7	19.6	21.7	11.2	13.3	...	4.8
Prof., scient. equipment (385)	39.8	22.9	...	...	...	67.9	31.9	34.3	...	9.1
Other manufactures (390)	68.0	73.5	...	...	69.3	68.2	44.6	29.2	...	17.8
Total manufacturing (3)	55.5	59.8	...	25.1	50.0	62.2	28.2	29.5	...	7.6

TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Food products (311/2)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
<b>Industrialized countries b/</b>														
Australia	1997	50.9	45.2	18.9	24.7	64.2	...	75.8	13.3	12.7	13.3	22.5	...	11.0
Denmark	1998	46.6	...	26.2	30.5	74.1	...	...	14.5	...	...	11.4	...	...
Finland	1998	55.3	48.1	26.6	25.2	78.0	77.5	77.4	10.6	11.6	11.8	11.4	11.0	10.8
Iceland	1996	35.5	40.0	23.0	28.9	73.4	72.5	74.5	17.2	18.5	18.4	9.3	9.0	7.1
Japan	1998	58.6	63.2	18.8	15.9	63.0	62.2	63.4	11.9	9.4	9.2	25.1	28.4	27.4
New Zealand	1996	28.5	40.1	...	23.1	77.7	75.7	75.7	...	13.8	14.0	...	10.5	10.3
Norway	1998	29.8	46.2	25.5	29.8	87.3	83.7	82.2	10.9	11.3	11.5	1.8	5.0	6.3
Spain	1998	41.7	35.4	14.2	16.8	75.8	79.6	80.0	8.3	9.2	9.5	16.0	11.2	10.5
United Kingdom	1997	49.7	53.0	18.3	25.5	65.2	74.9	71.4	12.8	11.7	13.8	22.0	13.4	14.9
<b>Countries of eastern Europe and the former USSR</b>														
Bulgaria	1998	...	...	1.8	1.0	...	...	...	4.2	6.0	7.2	...	...	...
Czech Republic	1998	...	8.7	2.1	3.7	...	...	82.3	...	...	7.4	...	...	10.3
Latvia	1998	...	6.7	...	2.7	...	64.6	68.0	...	...	12.7	...	...	19.3
Lithuania	1998	...	...	...	2.9	...	...	...	...	...	12.0	...	...	...
Russian Federation	1998	...	4.4	...	1.4	...	68.1	68.2	...	7.8	9.9	...	24.1	22.0
Slovakia	1998	...	7.4	...	3.2	...	...	82.1	...	...	7.7	...	...	10.1
Ukraine	1998	...	...	1.6	0.8	...	...	...	5.8	5.9	9.0	...	...	...
<b>Developing countries</b>														
Bolivia	1998	15.0	19.9	2.0	3.0	75.2	72.0	76.6	3.3	3.7	3.5	21.4	24.2	19.9
Cameroon	1998	12.7	10.5	4.1	3.2	38.5	60.7	62.1	20.0	12.3	11.6	41.4	27.0	26.3
Chile	1997	20.5	44.3	4.0	8.1	62.1	59.6	58.3	7.4	8.1	7.6	30.4	32.4	34.1
China	1998	...	...	...	...	84.5	82.5	78.7	...	...	...	...	...	...
China (Hong Kong SAR)	1997	19.9	35.2	9.5	17.7	67.8	62.9	63.3	15.3	15.4	18.5	16.9	21.7	18.3
China (Macao SAR)	1997	5.9	10.8	3.9	7.1	66.2	57.5	54.6	22.1	26.0	29.9	11.8	16.6	15.6
China (Taiwan Province)	1996	27.6	35.7	10.0	14.3	79.1	79.9	79.1	7.6	8.8	8.3	13.3	11.3	12.5
Colombia	1997	16.5	30.8	2.3	4.8	73.2	65.0	67.2	3.7	5.0	5.1	23.0	30.0	27.7
Costa Rica	1997	...	...	2.8	4.1	76.6	77.2	75.5	...	...	...	...	...	...
Côte d'Ivoire	1997	...	14.8	...	5.2	...	71.9	75.0	...	11.2	8.8	...	16.9	16.2
Croatia	1996	20.5	...	5.8	5.0	62.4	...	...	10.7	...	...	26.9	...	...
Cyprus	1998	17.1	24.2	8.5	12.2	70.1	67.1	66.6	14.8	19.2	16.8	15.1	13.7	16.6
Ecuador	1998	8.4	13.0	3.5	2.7	81.5	79.3	79.8	7.6	4.0	4.2	10.9	16.7	16.0
Egypt	1997	4.6	5.7	1.5	1.6	79.7	80.6	76.6	6.7	6.3	6.6	13.6	13.1	16.9
El Salvador	1998	...	17.1	...	4.6	...	67.6	65.8	...	6.9	9.2	...	25.5	25.0
Ethiopia	1998	8.8	7.0	1.5	0.8	57.7	53.6	45.6	7.4	8.1	6.2	34.9	38.4	48.2
Fiji	1998	9.3	...	4.2	11.7	81.9	...	...	8.2	...	...	9.9	...	...
Guatemala	1998	...	...	...	0.9	...	...	...	...	0.4	1.0	...	...	...

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Food products (311/2)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Honduras	1996	6.4	...	2.5	...	78.9	79.4	80.9	8.4	7.8	7.3	12.7	12.8	11.8
India	1997	2.0	2.4	0.8	0.8	89.4	88.8	88.8	4.3	4.0	3.7	6.2	7.2	7.4
Indonesia	1998	4.9	3.2	0.6	0.5	66.1	75.8	71.6	4.0	6.7	4.2	29.9	17.4	24.3
Jamaica	1996	7.4	10.0	3.4	...	75.6	...	...	11.4	...	...	13.0	...	...
Jordan	1997	7.4	7.1	2.0	2.4	73.5	81.3	83.8	7.2	5.3	5.5	19.3	13.3	10.8
Kenya	1998	4.9	5.6	1.1	1.7	92.0	92.0	94.1	1.8	1.7	1.8	6.1	6.3	4.0
Kuwait	1997	9.1	20.3	4.3	7.7	60.1	59.6	60.1	18.7	16.5	15.1	21.1	24.0	24.8
Malawi	1998	...	1.4	...	0.7	...	...	29.6	...	...	35.3	...	...	35.2
Malaysia	1997	11.8	20.8	2.9	5.1	85.4	85.4	87.0	3.6	3.2	3.2	11.0	11.5	9.8
Malta	1996	23.9	20.0	8.4	9.9	69.5	73.2	75.5	10.7	12.6	12.1	19.8	14.3	12.4
Mauritius	1997	7.0	11.4	3.0	4.9	84.5	81.6	82.0	6.6	8.3	7.7	8.9	10.1	10.3
Morocco	1998	7.0	9.9	4.9	3.3	90.1	80.3	79.0	6.9	7.9	7.0	3.0	11.8	14.0
Nepal	1996	2.2	2.6	0.4	0.4	73.3	...	74.5	4.7	...	4.3	21.9	...	21.3
Oman	1998	...	24.2	...	5.6	...	68.9	66.4	...	7.9	7.8	...	23.2	25.8
Pakistan	1996	...	11.5	...	1.8	...	...	73.7	...	...	4.2	...	...	22.1
Panama	1998	15.8	12.4	5.3	4.7	67.4	...	80.2	11.0	...	7.4	21.6	...	12.4
Puerto Rico	1997	...	...	18.5	28.6	73.2	71.0	69.9	12.1	13.4	14.5	14.7	15.6	15.6
Republic of Korea	1997	34.0	64.6	7.8	13.3	64.6	60.7	62.4	8.1	8.5	7.7	27.3	30.9	29.9
Saint Lucia	1997	...	...	...	...	...	71.5	68.5	...	15.9	17.8	...	12.7	13.7
Senegal	1997	12.1	7.1	4.5	3.0	72.9	79.0	79.8	10.1	8.2	8.4	17.0	12.8	11.8
Singapore	1998	30.3	48.4	10.8	17.7	71.5	70.3	64.7	10.1	11.4	12.9	18.4	18.3	22.4
The f. Yugosl. Rep. of Macedonia	1996	12.8	7.5	5.3	5.5	55.1	66.3	69.6	18.6	21.0	22.2	26.3	12.8	8.2
Tunisia	1998	...	...	...	...	83.4	82.8	82.8	6.5	6.2	6.1	10.1	11.0	11.1
Turkey	1997	19.7	26.3	5.6	6.6	71.4	69.4	74.3	8.2	6.4	6.5	20.4	24.2	19.2
Uruguay	1997	9.9	19.2	2.8	7.3	69.5	64.0	75.0	8.8	9.0	9.5	21.7	27.0	15.5
Venezuela	1996	14.7	20.2	3.5	2.6	69.3	69.6	66.9	7.3	5.3	4.3	23.4	25.1	28.8
Yugoslavia	1998	...	8.1	...	1.6	...	65.9	70.1	...	6.4	5.9	...	27.7	24.0

a/ At current prices.



TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Textiles (321)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output <sup>a/</sup>								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
<b>Industrialized countries b/</b>														
Australia	1997	39.9	36.1	18.6	21.8	57.6	...	66.8	19.7	19.8	20.1	22.6	...	13.1
Belgium	1997	39.4	...	16.0	...	70.6	70.9	70.8	12.0	...	...	17.4	...	...
Denmark	1998	37.6	...	24.9	30.4	53.6	...	...	30.7	...	...	15.7	...	...
Finland	1998	35.4	49.4	21.6	23.3	57.7	54.4	57.6	25.7	23.5	20.0	16.6	22.1	22.4
France	1998	36.5	39.7	23.8	21.4	63.9	66.7	71.0	23.5	...	15.6	12.6	...	13.4
Iceland	1996	29.6	41.9	23.4	26.4	62.2	65.4	64.8	29.8	21.1	22.2	7.9	13.5	13.0
Japan	1998	42.7	47.6	18.6	13.3	57.7	57.7	57.4	18.5	12.0	11.9	23.8	30.3	30.8
Norway	1998	33.3	42.0	23.2	27.3	62.3	62.7	61.2	26.3	24.2	25.3	11.4	13.0	13.6
Spain	1998	30.2	30.0	14.3	15.1	60.6	68.4	68.5	18.6	16.1	15.8	20.8	15.6	15.6
United Kingdom	1997	31.2	35.2	16.1	21.9	55.2	62.8	60.7	23.1	21.3	24.4	21.8	15.8	14.8
<b>Countries of eastern Europe and the former USSR</b>														
Bulgaria	1996	...	1.6	1.7	0.8	...	69.1	75.3	12.7	15.0	12.4	...	16.0	12.3
Czech Republic	1998	...	6.1	1.9	3.1	...	...	69.9	...	...	15.4	...	...	14.7
Latvia	1998	...	7.1	...	2.5	...	64.1	56.5	...	...	15.3	...	...	28.2
Lithuania	1998	...	...	...	2.5	...	...	...	...	...	20.6	...	...	...
Russian Federation	1998	...	1.1	...	0.7	...	60.1	64.5	...	14.2	24.2	...	25.7	11.3
Slovakia	1998	...	4.2	...	2.4	...	...	68.5	...	...	18.0	...	...	13.5
Ukraine	1998	...	...	1.6	0.4	...	...	...	8.1	9.9	20.4	...	...	...
<b>Developing countries</b>														
Bolivia	1998	5.4	6.8	1.3	2.1	66.4	63.8	55.1	7.8	8.9	13.8	25.8	27.3	31.0
Cameroon	1998	...	18.5	7.6	5.3	...	57.1	67.2	14.5	8.2	9.4	...	34.7	23.4
Chile	1997	12.7	22.0	3.5	8.0	51.5	54.0	54.0	13.2	15.9	16.9	35.3	30.1	29.2
China	1998	...	...	...	...	78.5	80.5	76.8	...	...	...	...	...	...
China (Hong Kong SAR)	1997	16.9	31.7	10.0	18.0	72.6	75.3	75.9	16.3	14.1	13.7	11.1	10.5	10.4
China (Macao SAR)	1997	9.0	12.8	4.3	6.8	71.9	75.8	79.1	13.5	13.7	11.1	14.6	10.5	9.8
China (Taiwan Province)	1996	16.1	23.9	9.2	12.6	67.4	68.9	64.7	18.6	18.7	18.7	14.0	12.4	16.6
Colombia	1997	15.5	17.7	2.1	4.2	49.8	51.8	49.6	6.9	11.1	12.0	43.2	37.2	38.4
Côte d'Ivoire	1997	...	10.5	...	4.5	9.7	61.2	68.9	...	13.5	13.4	...	25.3	17.7
Croatia	1996	8.5	...	3.1	3.1	49.5	...	...	18.4	...	...	32.1	...	...
Cyprus	1998	14.7	16.5	7.3	9.9	59.2	58.9	58.7	20.3	27.1	24.8	20.5	14.0	16.5
Ecuador	1998	6.5	10.4	2.4	1.5	62.1	58.7	65.5	13.7	5.9	5.0	24.2	35.4	29.5
Egypt	1997	3.1	2.5	1.7	1.5	72.1	80.1	73.8	15.1	16.7	16.0	12.8	3.1	10.2
El Salvador	1998	...	8.9	...	2.9	...	53.8	56.7	...	12.5	13.9	...	33.7	29.4
Ethiopia	1998	2.3	1.2	1.4	0.6	60.3	56.0	63.6	24.9	19.6	16.8	14.8	24.4	19.6
Guatemala	1998	...	...	...	0.7	...	...	...	...	0.6	2.7	...	...	...
Honduras	1996	2.5	...	1.4	...	66.6	68.7	69.1	19.2	18.8	18.6	14.2	12.5	12.3

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Textiles (321)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
India	1997	2.4	2.2	1.2	1.1	79.7	84.7	85.4	10.4	8.2	7.2	9.8	7.1	7.4
Indonesia	1998	3.2	2.6	0.5	0.4	69.5	66.8	68.7	5.0	6.8	4.7	25.6	26.4	26.6
Jordan	1997	14.3	7.8	2.4	2.5	57.4	62.6	68.5	7.2	9.7	10.0	35.5	27.7	21.6
Kenya	1998	2.2	1.9	1.2	1.6	71.6	77.5	54.6	15.1	15.9	39.7	13.3	6.5	5.7
Kuwait	1997	12.9	15.7	3.9	6.2	50.9	45.6	48.8	14.8	21.9	20.1	34.2	32.5	31.0
Malawi	1998	1.4	1.7	1.2	0.3	87.0	54.9	55.6	11.1	12.1	8.0	1.8	33.0	36.4
Malaysia	1997	7.9	19.7	2.7	4.8	71.8	69.3	63.6	9.5	9.3	8.8	18.7	21.4	27.6
Malta	1996	17.7	21.4	7.8	10.1	54.1	60.5	61.5	20.3	17.3	18.1	25.6	22.2	20.4
Mauritius	1997	5.7	11.5	2.1	3.7	62.8	69.5	66.9	13.9	10.1	10.7	23.3	20.4	22.4
Morocco	1998	5.7	6.4	2.9	3.0	72.6	65.7	65.5	14.1	18.6	16.3	13.3	15.6	18.2
Nepal	1996	1.3	1.4	0.5	0.4	60.0	...	54.6	15.7	...	12.9	24.3	...	32.4
Oman	1998	...	16.8	...	8.1	...	40.1	53.9	...	10.8	22.2	...	49.1	23.9
Pakistan	1996	...	5.9	...	1.4	...	...	78.7	...	...	5.1	...	...	16.2
Panama	1998	9.7	10.2	3.9	3.3	62.8	...	61.1	14.9	...	12.4	22.3	...	26.5
Puerto Rico	1997	...	...	...	9.1	...	60.6	56.0	...	24.0	29.6	...	15.4	14.4
Republic of Korea	1997	19.6	42.0	7.8	13.4	61.4	55.4	58.1	15.4	15.0	13.4	23.2	29.6	28.5
Senegal	1997	...	4.2	...	2.3	...	73.3	76.1	...	13.3	13.1	...	13.4	10.7
Singapore	1998	21.0	31.2	8.9	15.5	67.1	68.7	67.4	14.0	17.8	16.2	18.9	13.5	16.4
Tunisia	1998	...	...	...	...	71.5	68.0	64.4	14.4	13.5	13.4	14.0	18.5	22.2
Turkey	1997	16.3	19.1	4.5	5.4	59.2	64.5	65.5	11.3	8.0	9.7	29.6	27.5	24.8
Uruguay	1997	11.8	23.7	3.4	7.1	58.9	55.4	60.9	12.0	11.3	11.7	29.2	33.3	27.4
Venezuela	1996	11.6	13.5	3.9	2.4	59.1	60.4	57.5	13.9	9.2	7.5	27.1	30.4	35.0
Yugoslavia	1998	...	2.6	...	0.6	...	45.4	54.6	...	13.8	10.1	...	40.8	35.3

a/ At current prices.

TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Wearing apparel (322)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Industrialized countries b/														
Australia	1996	26.6	27.6	14.0	15.8	53.1	...	65.4	24.7	21.1	19.8	22.2	...	14.8
Belgium	1997	25.5	...	12.0	...	66.1	65.8	65.8	16.0	...	...	17.9	...	...
Denmark	1998	22.4	...	19.2	27.3	51.2	...	...	41.9	...	...	6.8	...	...
Finland	1998	29.1	33.4	19.0	19.2	52.3	58.7	62.7	31.1	24.5	21.5	16.5	16.7	15.8
France	1998	40.1	32.7	28.4	19.7	57.4	57.2	70.8	30.2	...	17.6	12.5	...	11.6
Iceland	1996	22.5	32.4	18.5	25.7	66.0	55.4	53.9	27.9	35.0	36.5	6.1	9.6	9.5
Japan	1998	24.4	30.0	12.9	9.4	47.2	47.0	47.5	28.0	17.6	16.5	24.9	35.3	36.0
Norway	1998	27.9	34.5	20.1	24.3	62.0	64.4	62.5	27.4	25.9	26.4	10.7	9.7	11.1
Spain	1998	25.9	19.6	12.0	11.3	59.1	66.1	65.1	19.0	20.1	20.1	21.9	13.8	14.8
United Kingdom	1997	22.2	34.4	11.3	15.9	48.3	62.0	53.5	26.3	23.2	21.5	25.4	14.8	25.0
Countries of eastern Europe and the former USSR														
Bulgaria	1996	...	2.0	1.5	0.6	...	50.1	48.5	14.3	23.2	16.5	...	26.7	35.0
Czech Republic	1998	...	4.5	1.8	2.6	...	...	59.7	...	...	23.7	...	...	16.7
Latvia	1998	...	4.1	...	2.1	...	29.6	39.4	...	...	31.7	...	...	28.9
Lithuania	1998	...	...	...	2.0	...	...	...	...	...	15.0	...	...	...
Russian Federation	1998	...	1.2	...	0.6	...	48.8	53.2	...	20.2	23.6	...	31.0	23.3
Slovakia	1998	...	3.9	...	2.3	...	...	55.6	...	...	25.7	...	...	18.7
Ukraine	1998	...	...	1.3	0.5	...	...	...	13.9	20.5	25.2	...	...	...
Developing countries														
Bolivia	1998	3.9	5.6	1.1	2.2	61.9	65.1	60.8	10.6	15.3	15.4	27.4	19.6	23.8
Cameroon	1998	...	2.1	...	0.8	...	68.8	68.5	...	13.6	12.0	...	17.6	19.6
Chile	1997	9.4	25.2	2.9	7.9	51.9	50.2	51.3	14.7	15.3	15.3	33.4	34.5	33.4
China (Hong Kong SAR)	1997	11.6	23.9	8.2	13.6	70.2	72.4	74.7	20.9	18.1	14.5	8.9	9.5	10.8
China (Macao SAR)	1997	6.5	11.3	3.8	6.3	72.9	74.5	74.9	15.9	14.8	14.0	11.2	10.7	11.1
China (Taiwan Province)	1996	20.3	21.9	6.9	9.9	67.8	64.8	64.0	11.0	17.5	16.3	21.2	17.7	19.7
Colombia	1997	4.7	9.3	1.4	2.7	61.2	51.3	50.0	11.2	15.5	14.7	27.6	33.3	35.3
Côte d'Ivoire	1997	...	8.4	...	5.1	...	66.8	68.6	...	18.8	18.8	...	14.4	12.5
Croatia	1996	8.5	...	3.3	3.3	41.6	...	...	22.9	...	...	35.5	...	...
Cyprus	1998	10.4	14.8	6.2	8.5	62.2	61.7	59.1	22.5	27.2	23.4	15.3	11.1	17.4
Ecuador	1998	2.7	4.4	1.3	0.9	69.0	59.5	65.5	14.8	9.1	7.0	16.2	31.4	27.5
Egypt	1997	2.1	3.1	1.2	1.2	79.2	56.2	66.3	11.3	8.6	13.0	9.5	35.2	20.7
El Salvador	1998	...	5.1	...	2.5	...	17.7	30.7	...	35.5	33.5	...	46.8	35.7
Ethiopia	1998	3.7	0.6	1.4	0.5	68.9	61.3	66.4	11.7	17.8	28.5	19.3	20.9	5.1
Guatemala	1998	...	...	...	0.8	...	...	...	...	1.5	2.6	...	...	...
Honduras	1996	1.6	...	1.2	...	54.2	39.6	43.0	35.1	44.4	42.0	10.7	15.9	15.0
India	1997	2.9	2.2	0.8	0.8	77.7	77.1	80.9	5.8	6.0	6.8	16.5	16.9	12.3

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Wearing apparel (322)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Indonesia	1998	1.9	1.5	0.5	0.4	64.3	61.5	67.3	9.9	13.6	8.1	25.8	24.9	24.6
Jordan	1997	5.7	4.7	1.7	1.8	51.1	56.4	58.4	14.3	17.1	16.0	34.6	26.4	25.6
Kenya	1998	2.3	2.8	1.0	1.6	...	77.9	74.2	...	10.5	15.3	...	11.6	10.5
Kuwait	1997	6.5	10.8	1.9	4.6	48.5	23.5	23.9	15.2	32.9	32.5	36.3	43.6	43.6
Malawi	1998	...	0.4	...	0.2	...	60.8	74.6	...	8.9	14.1	...	30.3	11.3
Malaysia	1997	4.3	7.4	2.2	3.8	68.2	64.7	66.6	16.1	19.1	17.1	15.8	16.2	16.3
Malta	1996	13.5	19.0	8.5	11.0	57.2	59.8	62.8	27.1	24.1	21.5	15.7	16.1	15.7
Mauritius	1997	2.7	5.1	1.5	2.7	68.4	66.7	64.2	17.8	19.8	19.0	13.8	13.5	16.8
Morocco	1998	2.9	4.0	1.8	2.5	67.5	59.5	55.9	20.9	26.0	27.9	11.5	14.5	16.2
Nepal	1996	2.0	1.6	0.8	0.4	56.9	...	63.8	16.3	...	9.9	26.8	...	26.3
Oman	1998	...	7.8	...	2.4	...	58.7	55.1	...	14.7	13.9	...	26.6	31.0
Pakistan	1996	...	5.9	...	1.9	...	...	71.3	...	...	9.2	...	...	19.5
Panama	1998	4.6	5.8	3.0	3.3	71.6	...	64.8	18.5	...	20.2	10.0	...	15.0
Puerto Rico	1997	...	...	14.8	12.8	54.9	50.2	52.9	40.2	22.4	19.4	4.9	27.4	27.7
Republic of Korea	1997	14.7	34.3	6.5	11.6	56.6	50.9	50.4	19.1	17.3	16.8	24.3	31.9	32.9
Saint Lucia	1997	...	...	...	...	...	46.0	49.2	...	41.9	36.4	...	12.1	14.4
Senegal	1997	2.5	14.1	1.1	1.5	63.0	...	71.6	16.5	...	3.1	20.5	...	25.3
Singapore	1998	10.6	18.3	6.4	11.2	69.2	68.8	69.8	18.7	23.1	18.4	12.1	8.2	11.7
The f. Yugosl. Rep. of Macedonia	1996	7.1	2.5	3.6	2.5	...	...	...	...	...	...	...	...	...
Tunisia	1998	...	...	...	...	68.8	69.7	70.1	15.1	15.2	13.7	16.1	15.1	16.2
Turkey	1997	12.8	15.6	3.1	4.1	68.5	71.5	67.3	7.5	5.7	8.6	23.9	22.8	24.2
Uruguay	1997	6.9	8.0	2.4	3.4	64.3	48.5	62.2	12.4	14.8	15.8	23.3	36.7	22.0
Venezuela	1996	5.6	14.7	2.7	2.1	62.8	61.8	48.0	17.6	15.3	7.5	19.6	22.9	44.4
Yugoslavia	1998	...	2.4	...	0.4	...	50.1	42.3	...	18.9	10.4	...	31.0	47.3

a/ At current prices.

TABLE 1.11

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Leather and fur products (323)															
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/									
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus			
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY	
Industrialized countries b/															
Australia	1996	30.1	34.5	16.0	21.2	75.4	...	78.7	13.1	12.6	13.0	11.5	...	8.2	
Denmark	1998	24.8	...	20.2	24.4	57.0	...	...	35.1	...	...	7.9	...	...	
Finland	1998	34.0	38.9	20.3	19.3	60.6	67.3	63.5	23.5	18.6	18.1	15.9	14.1	18.4	
France	1998	56.8	43.8	37.5	22.0	55.2	48.7	57.4	29.7	...	21.4	15.2	...	21.2	
Iceland	1996	19.3	45.6	7.0	27.6	72.0	54.6	55.1	10.2	26.7	27.2	17.9	18.8	17.7	
Japan	1998	42.4	56.0	18.2	11.0	63.2	61.6	62.0	15.8	8.5	7.5	21.0	30.0	30.5	
Norway	1998	34.5	39.4	23.4	30.1	70.4	68.2	68.6	20.0	22.8	24.0	9.6	8.9	7.4	
Spain	1998	34.3	26.6	16.0	15.8	69.8	74.3	76.2	14.1	14.3	14.1	16.1	11.5	9.7	
United Kingdom	1997	31.3	32.7	15.9	19.9	66.5	69.1	67.3	17.0	20.2	19.9	16.5	10.8	12.8	
Countries of eastern Europe and the former USSR															
Bulgaria	1998	...	...	1.8	0.9	...	...	...	11.5	11.1	13.0	...	...	...	
Czech Republic	1998	...	4.8	1.9	3.0	...	...	74.8	...	...	15.6	...	...	9.6	
Latvia	1998	...	2.2	...	1.5	...	65.5	66.0	...	...	22.1	...	...	11.9	
Lithuania	1998	...	...	...	2.4	...	...	...	...	...	24.3	...	...	...	
Russian Federation	1998	...	0.9	...	0.7	...	52.2	63.3	...	18.5	30.2	...	29.3	6.5	
Ukraine	1998	...	...	1.6	0.5	...	...	...	16.1	8.3	11.6	...	...	...	
Developing countries															
Bolivia	1998	7.2	5.5	1.5	1.9	73.1	72.5	71.0	5.5	8.3	10.0	21.4	19.2	19.0	
Chile	1997	19.0	26.3	3.6	8.4	56.4	59.1	60.8	8.1	11.3	12.6	35.5	29.6	26.6	
China	1998	...	...	...	...	77.3	79.3	77.1	...	...	...	...	...	...	
China (Hong Kong SAR)	1997	16.4	...	9.0	...	78.3	77.2	74.8	11.9	12.7	12.1	9.8	10.1	13.1	
China (Macao SAR)	1997	7.8	7.4	3.9	5.9	67.1	71.2	71.9	16.5	7.5	22.4	16.4	21.4	5.7	
China (Taiwan Province)	1996	12.4	16.0	8.5	13.3	64.5	65.8	63.3	24.4	30.1	30.3	11.1	4.1	6.3	
Colombia	1997	8.1	14.9	1.8	3.4	70.5	65.4	56.2	6.5	8.8	10.0	23.0	25.7	33.8	
Croatia	1996	7.3	...	3.3	2.9	64.1	...	...	16.4	...	...	19.5	...	...	
Cyprus	1998	11.5	16.2	7.1	9.9	64.0	61.2	60.0	22.3	25.4	24.5	13.8	13.4	15.6	
Ecuador	1998	3.6	6.6	1.3	0.9	71.3	68.0	65.1	10.4	6.0	4.7	18.3	26.0	30.2	
El Salvador	1998	...	7.5	...	3.4	...	...	61.4	...	...	17.3	...	...	21.2	
Ethiopia	1998	7.3	3.8	1.5	1.0	65.2	71.8	79.0	7.2	5.5	5.4	27.6	22.8	15.6	
Guatemala	1998	...	...	...	1.3	...	...	...	...	0.3	2.3	...	...	...	
Honduras	1996	11.2	...	4.5	...	72.9	69.5	68.9	11.0	11.9	12.2	16.1	18.6	19.0	
India	1997	2.7	2.7	0.9	0.9	86.5	85.3	85.8	4.5	4.6	4.4	9.1	10.1	9.8	
Indonesia	1998	3.3	1.5	0.5	0.4	67.3	67.5	69.3	5.1	8.3	7.7	27.5	24.2	23.0	
Jordan	1997	8.7	7.7	1.8	3.8	55.0	83.8	77.5	9.1	5.9	11.1	35.8	10.3	11.4	
Kenya	1998	3.0	1.7	1.4	1.2	77.3	72.4	82.7	10.7	15.3	12.5	12.0	12.3	4.8	
Kuwait	1997	...	17.3	...	7.0	...	58.0	66.4	...	8.5	13.6	...	33.5	20.0	

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Leather and fur products (323)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Malaysia	1997	3.6	7.8	1.8	3.9	74.6	66.2	66.4	12.5	15.7	16.7	12.8	18.0	16.9
Malta	1996	16.4	15.1	8.0	9.7	52.5	66.4	63.1	23.0	19.6	23.6	24.5	14.0	13.2
Mauritius	1997	4.5	3.8	1.8	2.4	62.4	67.0	48.3	15.2	22.9	33.1	22.5	10.1	18.5
Morocco	1998	...	4.9	...	2.5	...	75.9	72.5	...	14.3	14.0	...	9.8	13.5
Nepal	1996	7.3	5.3	0.6	0.5	70.8	...	65.0	2.3	...	3.3	27.0	...	31.7
Pakistan	1996	...	6.6	...	1.5	...	...	82.8	...	...	4.0	...	...	13.2
Panama	1998	10.6	15.4	4.5	4.8	67.8	...	78.8	13.7	...	6.6	18.5	...	14.6
Republic of Korea	1997	28.3	46.9	8.5	14.4	70.7	66.6	69.5	8.8	10.1	9.4	20.5	23.3	21.1
Senegal	1997	...	21.4	...	1.4	...	94.3	64.1	...	...	2.4	...	...	33.5
Singapore	1998	16.2	27.5	8.4	13.8	63.8	60.3	66.4	18.9	21.8	16.9	17.3	17.9	16.7
Turkey	1997	11.8	18.1	3.4	4.8	72.5	71.6	69.5	7.9	9.7	8.1	19.6	18.7	22.4
Uruguay	1997	10.1	42.2	3.3	10.0	68.8	73.7	76.3	10.2	8.1	5.6	21.1	18.3	18.1
Venezuela	1996	9.6	7.8	2.8	2.2	69.0	66.0	67.9	9.1	8.7	8.9	21.9	25.3	23.2
Yugoslavia	1998	...	3.3	...	0.5	...	55.8	59.7	...	11.6	5.8	...	32.6	34.6

a/ At current prices.

TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Footwear (324)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output <sup>a/</sup>								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
<b>Industrialized countries b/</b>														
Australia	1997	27.9	27.5	15.9	18.5	49.4	...	65.2	28.9	24.7	23.4	21.8	...	11.4
Denmark	1998	39.1	...	25.3	32.1	66.6	...	...	21.6	...	...	11.8	...	...
Finland	1998	28.9	34.2	19.7	19.7	59.1	59.1	60.5	27.9	24.2	22.7	13.1	16.7	16.8
France	1998	27.0	31.6	19.8	19.0	50.9	53.3	62.8	35.9	...	22.3	13.2	...	14.8
Japan	1998	43.5	42.3	19.7	12.7	60.4	56.6	61.4	18.0	12.7	11.6	21.7	30.7	27.0
Norway	1998	27.1	27.7	19.8	22.9	57.6	60.7	62.7	30.9	28.7	30.9	11.5	10.7	6.5
Spain	1998	25.8	20.9	10.9	11.1	67.0	79.5	78.5	13.9	10.8	11.4	19.0	9.7	10.1
United Kingdom	1997	28.0	37.1	14.9	19.7	49.6	62.7	53.6	26.8	27.6	24.6	23.6	9.6	21.7
<b>Countries of eastern Europe and the former USSR</b>														
Bulgaria	1998	...	...	1.6	0.8	...	...	...	16.2	15.5	21.0	...	...	...
Czech Republic	1998	...	4.3	2.2	2.9	...	...	66.4	...	...	23.0	...	...	10.6
Latvia	1998	...	1.9	...	1.6	...	52.4	63.8	...	...	30.3	...	...	5.9
Lithuania	1998	...	...	...	2.0	...	...	...	...	...	32.7	...	...	...
Russian Federation	1998	...	1.3	...	0.7	...	56.3	58.4	...	17.3	23.9	...	26.5	17.7
Slovakia	1998	...	3.4	...	2.4	...	...	68.9	...	...	22.2	...	...	8.8
Ukraine	1998	...	...	1.6	0.3	...	...	...	19.4	14.4	17.1	...	...	...
<b>Developing countries</b>														
Bolivia	1998	9.9	5.7	2.3	0.9	54.9	67.0	59.4	10.6	8.0	6.2	34.4	25.1	34.4
Chile	1997	10.7	22.8	2.9	7.3	52.3	47.6	53.9	13.1	14.6	14.8	34.6	37.8	31.3
China (Hong Kong SAR)	1997	10.2	15.5	7.7	10.3	71.6	55.7	56.4	21.4	31.4	29.1	7.0	12.9	14.5
China (Macao SAR)	1997	6.7	8.3	4.1	4.8	70.2	78.2	76.2	18.3	12.3	13.7	11.6	9.4	10.1
China (Taiwan Province)	1996	12.3	12.8	7.5	10.8	78.8	79.4	78.9	12.9	18.5	17.7	8.3	2.1	3.3
Colombia	1997	6.5	12.4	1.6	2.9	62.1	54.8	52.1	9.0	11.3	11.3	28.9	33.9	36.6
Côte d'Ivoire	1997	...	5.5	...	3.1	...	83.1	76.0	...	...	14.9	...	2.0	10.4
Croatia	1996	6.0	...	3.2	2.9	54.8	...	...	24.0	...	...	21.1	...	...
Cyprus	1998	13.9	19.1	7.7	10.1	61.8	59.1	57.4	21.2	30.9	22.5	17.0	10.0	20.1
Ecuador	1998	3.3	7.5	1.6	1.2	68.0	65.2	66.5	15.8	8.0	5.6	16.2	26.8	27.9
Egypt	1997	2.3	2.0	1.6	0.9	73.8	67.3	66.0	17.7	13.7	15.4	8.5	19.1	18.6
El Salvador	1998	...	8.6	...	2.9	...	51.8	64.8	...	17.2	11.7	...	31.0	23.5
Ethiopia	1998	4.9	2.4	1.8	0.7	64.7	60.6	61.5	12.9	12.8	11.4	22.4	26.6	27.1
Guatemala	1998	...	...	...	1.1	...	...	...	...	1.8	2.7	...	...	...
Honduras	1996	3.0	...	1.9	...	73.1	67.8	71.5	17.5	26.1	23.1	9.5	6.1	5.4
India	1997	2.1	2.5	1.0	0.9	82.9	83.5	83.1	8.0	8.1	6.0	9.0	8.4	10.9
Indonesia	1998	3.2	1.9	0.8	0.6	50.3	61.6	60.7	12.4	13.6	13.1	37.3	24.9	26.2
Jordan	1997	5.4	6.5	2.4	2.1	58.1	57.7	63.5	18.9	12.7	11.6	23.0	29.7	24.9
Kenya	1998	5.5	4.8	1.6	2.8	66.7	80.0	32.1	9.7	9.3	39.8	23.6	10.7	28.2

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Footwear (324)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Kuwait	1997	...	21.7	...	7.4	...	56.4	49.9	...	39.2	17.2	...	4.4	32.9
Malawi	1998	...	1.9	...	1.1	...	74.8	71.2	...	12.7	17.3	...	12.5	11.5
Malaysia	1997	4.0	8.0	2.0	4.0	66.4	59.9	65.2	17.1	17.6	17.4	16.5	22.5	17.4
Malta	1996	12.3	18.0	8.3	9.9	63.9	62.8	62.2	24.3	21.9	20.9	11.7	15.4	16.9
Mauritius	1997	4.1	4.9	1.8	2.1	55.1	67.5	56.4	19.3	18.7	18.9	25.6	13.9	24.7
Morocco	1998	...	4.7	...	3.1	...	69.4	64.9	...	19.8	23.7	...	10.7	11.5
Nepal	1996	2.0	1.3	0.8	0.4	38.6	...	64.3	23.7	...	10.1	37.7	...	25.6
Oman	1998	...	10.3	...	4.4	...	55.9	55.1	...	22.1	18.9	...	22.0	26.0
Pakistan	1996	...	4.8	...	2.1	...	...	72.5	...	...	12.4	...	...	15.1
Panama	1998	7.1	5.9	3.4	3.7	68.0	...	75.1	15.2	...	15.5	16.8	...	9.4
Republic of Korea	1997	20.8	33.1	7.1	11.5	55.6	53.3	52.1	15.1	19.4	16.6	29.3	27.3	31.2
Singapore	1998	11.6	17.6	6.4	16.2	67.4	62.6	62.7	18.1	21.5	34.3	14.5	15.9	2.9
The f.Yugosl.Rep.of Macedonia	1996	8.8	3.2	3.6	2.1	51.0	51.9	66.5	19.7	32.3	22.3	29.3	15.8	11.2
Turkey	1997	11.2	15.2	5.2	4.3	68.0	60.7	62.1	14.9	8.8	10.7	17.1	30.5	27.2
Uruguay	1997	4.8	9.0	1.7	3.3	72.3	83.1	68.6	9.9	13.9	11.5	17.9	3.0	19.9
Venezuela	1996	5.6	8.1	2.4	2.1	67.0	62.5	57.8	14.1	13.7	11.1	18.9	23.8	31.1
Yugoslavia	1998	...	2.6	...	0.4	...	54.2	51.7	...	18.7	7.5	...	27.1	40.8

a/ At current prices.



TABLE 1.11

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Wood and cork products (331)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
<b>Industrialized countries b/</b>														
Australia	1996	39.2	36.8	18.1	20.1	55.8	...	63.9	20.4	19.1	19.8	23.9	...	16.3
Belgium	1997	25.1	...	...	...	73.1	73.8	73.8	...	...	...	...	...	...
Denmark	1998	33.9	...	25.5	30.6	53.8	...	...	34.8	...	...	11.4	...	...
Finland	1998	51.9	50.8	24.6	24.5	65.4	71.7	73.4	16.4	14.6	12.8	18.2	13.8	13.8
France	1998	44.9	40.8	25.5	20.4	60.1	60.4	71.2	22.7	...	14.5	17.2	...	14.4
Iceland	1996	28.9	68.2	16.2	30.6	74.8	63.6	60.1	14.1	19.2	17.9	11.1	17.1	22.0
Japan	1998	46.2	52.9	20.3	9.0	61.2	62.2	62.4	17.0	6.0	6.4	21.8	31.8	31.2
Norway	1998	40.6	43.4	25.3	29.7	69.6	71.7	71.1	19.0	18.8	19.8	11.4	9.5	9.1
Spain	1998	29.3	27.3	11.7	13.7	62.9	69.0	70.3	14.8	15.8	14.9	22.3	15.1	14.8
United Kingdom	1997	41.0	41.6	19.0	21.9	61.5	68.9	61.1	17.8	18.6	20.4	20.7	12.6	18.4
<b>Countries of eastern Europe and the former USSR</b>														
Bulgaria	1998	...	...	1.8	0.8	...	...	...	14.9	11.2	11.4	...	...	...
Czech Republic	1998	...	7.0	2.1	3.2	...	...	75.5	...	...	11.3	...	...	13.2
Latvia	1998	...	7.8	...	2.3	...	59.3	60.2	...	...	11.9	...	...	28.0
Lithuania	1998	...	...	...	2.1	...	...	...	...	...	22.4	...	...	...
Russian Federation	1998	...	1.8	...	1.0	...	62.6	59.6	...	18.8	21.0	...	18.7	19.4
Slovakia	1998	...	4.0	...	2.6	...	...	76.4	...	...	15.3	...	...	8.3
Ukraine	1998	...	...	1.6	0.4	...	...	...	18.7	11.9	15.3	...	...	...
<b>Developing countries</b>														
Bolivia	1998	6.0	6.5	1.3	2.0	68.5	65.3	72.2	6.9	5.8	8.4	24.6	28.8	19.3
Cameroon	1998	12.7	13.9	6.7	3.5	64.9	65.1	62.4	18.5	8.9	9.4	16.6	26.0	28.2
Chile	1997	12.7	31.0	3.1	6.8	60.3	60.8	53.9	9.8	9.8	10.1	29.9	29.4	36.0
China	1998	...	...	...	...	76.7	76.6	77.1	...	...	...	...	...	...
China (Hong Kong SAR)	1997	14.8	30.7	8.6	18.2	78.3	74.9	74.8	12.7	12.9	15.0	9.0	12.3	10.2
China (Macao SAR)	1997	7.5	6.7	4.5	6.5	51.6	57.6	...	28.9	27.8	...	19.5	14.6	...
China (Taiwan Province)	1996	10.9	14.3	7.5	10.9	59.3	66.0	66.1	27.8	25.6	25.7	12.9	8.3	8.2
Colombia	1997	8.6	17.1	1.8	3.9	50.9	63.3	54.8	10.3	10.7	10.4	38.8	26.0	34.8
Costa Rica	1997	...	...	2.1	2.9	58.1	59.4	58.8	...	...	...	...	...	...
Côte d'Ivoire	1997	...	8.9	...	4.7	9.1	68.0	64.6	...	13.6	18.6	...	18.4	16.7
Croatia	1996	8.4	...	3.3	3.2	62.1	...	...	14.8	...	...	23.1	...	...
Cyprus	1998	20.2	24.9	8.5	11.6	57.5	57.3	55.7	17.9	25.8	20.8	24.5	16.9	23.6
Ecuador	1998	4.9	11.0	2.1	2.0	65.8	55.6	62.5	15.1	7.3	6.8	19.1	37.1	30.7
El Salvador	1998	...	4.5	...	2.3	...	...	43.2	...	...	28.7	...	...	28.0
Ethiopia	1998	3.2	2.6	1.5	0.8	38.2	30.3	40.2	29.0	16.7	18.3	32.7	52.9	41.6
Fiji	1998	7.4	...	4.5	11.1	70.2	...	...	18.1	...	...	11.6	...	...
Guatemala	1998	...	...	...	0.9	...	...	...	...	0.3	3.8	...	...	...

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Wood and cork products (331)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Honduras	1996	2.7	...	1.9	...	72.7	74.0	76.6	19.3	17.0	15.3	8.0	8.9	8.1
India	1997	1.7	1.2	0.6	0.6	78.9	79.3	83.5	7.8	8.4	7.6	13.3	12.4	8.9
Indonesia	1998	4.2	2.5	0.7	0.4	65.3	64.3	66.3	5.7	7.6	5.9	29.0	28.1	27.8
Jordan	1997	6.4	6.0	1.7	2.3	61.0	68.3	58.5	10.2	11.9	15.8	28.8	19.7	25.7
Kenya	1998	1.9	1.9	0.9	1.2	78.4	66.7	75.1	10.0	17.2	16.1	11.6	16.1	8.8
Kuwait	1997	7.7	12.0	3.8	6.2	43.1	62.3	53.2	28.0	14.4	24.2	28.9	23.3	22.6
Malaysia	1997	6.6	10.1	2.6	3.4	70.1	69.9	67.8	12.0	10.7	10.9	17.9	19.4	21.3
Malta	1996	15.2	16.4	7.0	9.4	48.5	52.9	59.9	23.6	23.3	22.9	27.9	23.8	17.3
Morocco	1998	...	9.0	...	4.2	...	75.1	61.8	...	16.1	17.9	...	8.8	20.3
Nepal	1996	1.1	1.6	0.4	0.4	58.7	...	61.8	14.6	...	9.4	26.7	...	28.8
Oman	1998	...	22.8	...	4.6	...	47.7	37.2	...	18.5	12.7	...	33.8	50.1
Pakistan	1996	...	3.5	...	1.0	...	...	65.6	...	...	9.8	...	...	24.5
Panama	1998	6.7	6.7	4.0	3.4	64.4	...	74.2	21.4	...	13.2	14.3	...	12.6
Republic of Korea	1997	21.6	48.2	8.5	15.0	64.4	58.4	59.5	14.0	14.3	12.6	21.6	27.3	27.9
Senegal	1997	8.1	8.8	5.1	3.5	84.7	87.4	91.6	9.6	3.7	3.3	5.7	8.9	5.1
Singapore	1998	21.2	34.2	9.3	16.0	71.8	71.3	67.9	12.5	13.4	15.0	15.8	15.3	17.0
Slovenia	1998	9.8	16.7	7.7	11.2	73.6	73.4	67.5	20.8	16.4	21.9	5.7	10.2	10.6
Turkey	1997	13.8	18.6	4.6	4.7	68.7	65.2	67.6	10.4	7.7	8.3	20.9	27.1	24.1
Uruguay	1997	7.7	7.0	2.3	3.6	49.1	51.2	58.9	14.9	19.5	20.8	36.0	29.2	20.3
Venezuela	1996	5.3	6.0	2.3	1.8	59.9	60.4	58.9	17.4	15.8	12.6	22.7	23.9	28.5
Yugoslavia	1998	...	3.3	...	0.6	...	61.6	66.5	...	10.8	5.8	...	27.6	27.7

a/ At current prices.

TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Furniture, fixtures excl. metallic (332)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
		1990	LY	1990	LY	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1990	1995	LY	1990	1995	LY	1990	1995	LY
Industrialized countries b/														
Australia	1997	29.5	27.6	17.2	17.9	55.5	...	64.5	26.0	23.0	23.0	18.5	...	12.5
Belgium	1997	79.1	...	...	...	67.4	66.4	66.4	...	...	...	...	...	...
Denmark	1998	31.8	...	24.9	29.2	49.8	...	...	39.3	...	...	10.9	...	...
Finland	1998	47.2	41.1	23.2	22.6	49.7	56.7	59.9	24.7	23.8	22.0	25.6	19.5	18.1
France	1998	47.6	37.1	28.6	20.6	56.7	53.7	68.0	26.0	...	17.8	17.3	...	14.2
Iceland	1996	43.0	37.5	35.3	24.7	58.1	58.6	62.1	34.4	32.3	24.9	7.5	9.1	13.0
Japan	1998	52.0	58.2	21.6	17.0	55.5	57.3	57.9	18.5	10.3	12.3	26.0	32.4	29.8
Norway	1998	34.7	42.5	24.0	29.3	65.4	64.7	66.2	24.0	22.6	23.3	10.7	12.6	10.5
Spain	1998	26.9	25.1	12.9	14.4	59.0	64.2	66.3	19.6	21.1	19.3	21.4	14.7	14.3
United Kingdom	1997	39.7	44.0	20.3	25.3	53.2	64.0	59.0	24.0	22.7	23.5	22.8	13.3	17.5
Countries of eastern Europe and the former USSR														
Bulgaria	1998	...	...	1.7	0.8	...	...	...	13.9	13.8	16.0	...	...	...
Czech Republic	1998	...	6.7	2.0	3.4	...	...	75.2	...	...	12.7	...	...	12.1
Latvia	1998	...	5.6	...	2.4	...	55.8	62.1	...	...	16.0	...	...	21.9
Lithuania	1998	...	...	...	2.5	...	...	...	...	...	23.0	...	...	...
Russian Federation	1998	...	3.6	...	0.9	...	63.2	59.7	...	14.5	10.0	...	22.4	30.3
Slovakia	1998	...	4.6	...	2.7	...	...	73.6	...	...	15.5	...	...	10.9
Ukraine	1998	...	...	1.7	0.4	...	...	...	20.0	14.2	17.8	...	...	...
Developing countries														
Bolivia	1998	2.8	4.6	1.1	1.7	66.9	66.4	63.3	12.6	12.6	13.6	20.6	21.1	23.1
Cameroon	1998	12.5	2.4	6.6	1.8	65.0	56.9	74.4	18.4	31.7	19.6	16.6	11.4	6.0
Chile	1997	10.6	22.8	3.1	7.7	50.1	54.5	52.6	14.5	16.5	16.1	35.4	29.0	31.3
China	1998	...	...	...	...	73.3	75.0	74.0	...	...	...	...	...	...
China (Hong Kong SAR)	1997	15.4	32.5	10.2	19.1	61.1	64.6	57.6	25.6	23.7	24.9	13.3	11.7	17.5
China (Macao SAR)	1997	7.0	14.2	4.5	6.7	52.3	57.3	52.4	30.5	26.9	22.5	17.1	15.8	25.2
China (Taiwan Province)	1996	22.6	25.3	8.9	12.6	34.9	72.0	70.5	25.6	14.7	14.7	39.5	13.2	14.8
Colombia	1997	4.3	9.1	1.4	3.0	54.8	49.2	48.2	14.6	17.3	17.0	30.7	33.4	34.7
Costa Rica	1997	...	...	1.7	2.5	68.7	69.6	69.2	...	...	...	...	...	...
Côte d'Ivoire	1996	...	9.9	...	4.8	...	50.4	72.0	...	33.6	13.7	...	16.1	14.4
Croatia	1996	6.8	...	3.3	3.1	53.9	...	...	22.3	...	...	23.8	...	...
Cyprus	1998	15.4	22.6	8.4	11.5	54.4	55.2	52.1	24.7	28.9	24.5	20.9	15.9	23.5
Ecuador	1998	3.0	6.5	2.1	1.7	67.1	69.7	68.2	22.7	10.3	8.5	10.2	20.0	23.3
Egypt	1997	2.2	2.3	1.7	1.8	79.7	72.9	71.4	15.0	12.9	22.1	5.2	14.2	6.5
El Salvador	1998	...	10.3	...	3.3	...	74.6	57.3	...	17.0	13.6	...	8.4	29.1
Ethiopia	1998	3.5	2.1	1.6	0.7	43.8	47.8	47.3	25.7	18.5	17.3	30.5	33.7	35.4
Fiji	1998	3.2	...	2.2	8.2	71.3	...	...	19.8	...	...	8.9	...	...

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Furniture, fixtures excl. metallic (332)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Guatemala	1998	...	...	...	1.1	...	...	...	...	0.8	3.1	...	...	...
Honduras	1996	2.1	...	1.0	...	66.7	68.0	72.6	15.7	18.3	15.7	17.6	13.7	11.7
India	1997	1.2	2.1	0.9	0.9	73.9	80.0	69.4	18.9	12.4	13.6	7.2	7.6	17.0
Indonesia	1996	1.5	2.6	0.5	1.0	62.7	64.9	62.4	13.0	13.9	14.3	24.3	21.2	23.3
Jamaica	1996	8.8	9.4	4.3	...	66.9	...	...	16.3	...	...	16.8	...	...
Jordan	1997	6.0	4.9	1.9	2.0	63.0	65.3	59.8	11.9	15.3	16.4	25.1	19.4	23.8
Kenya	1998	2.8	2.1	1.4	1.9	70.0	58.5	52.5	14.7	29.8	41.1	15.4	11.7	6.4
Kuwait	1997	8.3	13.6	4.3	5.9	46.5	49.6	50.3	27.8	21.7	21.5	25.7	28.7	28.2
Malaysia	1997	4.7	10.1	2.1	3.9	64.8	67.1	65.1	15.8	14.1	13.6	19.4	18.7	21.3
Malta	1996	19.4	18.5	8.2	10.8	41.6	46.5	49.8	24.6	29.2	29.4	33.8	24.3	20.8
Mauritius	1997	3.1	4.1	2.3	2.8	73.6	59.0	59.3	20.0	27.3	27.6	6.5	13.7	13.1
Morocco	1998	...	8.9	...	5.8	...	68.5	60.6	...	25.5	25.6	...	6.0	13.8
Nepal	1996	1.6	1.0	0.4	0.4	58.5	...	57.0	10.5	...	19.1	31.1	...	23.9
Oman	1998	...	16.9	...	4.1	...	55.3	43.7	...	17.3	13.7	...	27.4	42.5
Pakistan	1996	...	3.1	...	1.1	...	...	72.6	...	...	10.2	...	...	17.3
Puerto Rico	1997	...	...	15.5	11.3	...	...	...	...	...	...	...	...	...
Republic of Korea	1997	23.0	44.2	8.3	14.7	52.2	50.1	53.9	17.2	16.5	15.3	30.7	33.4	30.8
Saint Lucia	1997	...	...	...	...	...	66.3	66.7	...	10.5	6.3	...	23.2	27.0
Senegal	1997	2.9	3.0	1.8	1.7	75.6	80.3	78.4	15.0	13.5	12.8	9.4	6.2	8.8
Singapore	1998	13.7	20.7	8.4	13.3	68.6	65.9	62.5	19.2	19.7	24.2	12.1	14.4	13.3
The f.Yugosl.Rep.of Macedonia	1996	7.8	2.7	4.1	2.4	58.7	66.5	70.2	21.7	32.9	26.3	19.5	0.6	3.5
Turkey	1997	18.7	20.4	3.9	3.9	58.0	58.8	52.6	8.8	7.7	9.0	33.3	33.5	38.4
Uruguay	1997	4.9	11.2	1.5	3.5	51.5	50.5	48.0	15.3	14.5	16.5	33.2	35.0	35.6
Venezuela	1996	5.3	6.5	2.3	2.0	60.7	65.5	55.2	17.0	17.1	13.7	22.3	17.4	31.0
Yugoslavia	1998	...	4.3	...	0.8	...	56.2	55.7	...	12.2	8.1	...	31.6	36.1

a/ At current prices.

TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Paper (341)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
<b>Industrialized countries b/</b>														
Belgium	1997	58.2	...	23.8	...	73.8	74.0	74.0	10.7	...	...	15.5	...	...
Denmark	1998	57.3	...	32.2	39.1	53.8	...	...	26.0	...	...	20.2	...	...
Finland	1998	81.2	118.9	35.0	37.4	69.0	67.1	69.1	13.3	8.8	9.7	17.6	24.1	21.2
France	1998	63.5	56.3	35.4	26.9	65.9	68.3	71.1	19.0	...	13.8	15.1	...	15.1
Iceland	1996	38.5	41.5	27.0	31.0	60.6	63.4	67.2	27.6	24.2	24.5	11.8	12.4	8.3
Japan	1998	86.7	90.5	27.2	24.4	61.0	62.1	62.9	12.2	9.7	10.0	26.8	28.2	27.1
New Zealand	1996	65.3	86.3	28.3	36.4	66.1	63.9	62.8	14.7	16.0	15.7	19.2	20.0	21.5
Norway	1998	66.6	77.0	29.8	36.7	73.5	67.4	71.1	11.9	11.4	13.8	14.7	21.2	15.1
Spain	1998	50.9	56.1	21.2	22.7	69.6	70.3	68.5	12.6	10.9	12.8	17.7	18.8	18.8
United Kingdom	1997	54.0	58.6	23.5	30.1	56.9	66.7	64.4	18.8	15.5	18.2	24.3	17.8	17.3
<b>Countries of eastern Europe and the former USSR</b>														
Bulgaria	1996	...	1.4	1.7	0.9	...	76.1	87.4	8.6	8.0	8.6	...	15.9	4.0
Czech Republic	1998	...	14.1	2.2	4.8	...	...	79.4	...	...	7.1	...	...	13.5
Latvia	1998	...	3.5	...	2.5	...	75.3	65.0	...	...	24.9	...	...	10.1
Lithuania	1998	...	...	...	3.2	...	...	...	...	...	23.1	...	...	...
Russian Federation	1998	...	5.0	...	1.6	...	60.0	60.6	...	7.6	12.8	...	32.4	26.6
Slovakia	1998	...	15.7	...	4.0	...	...	71.1	...	...	7.4	...	...	21.5
Ukraine	1998	...	...	1.6	0.8	...	...	...	9.6	6.3	7.5	...	...	...
<b>Developing countries</b>														
Bolivia	1998	5.1	8.4	1.4	4.3	79.6	68.2	79.7	5.7	7.1	10.4	14.7	24.7	10.0
Cameroon	1998	16.7	26.2	7.1	5.1	73.5	82.0	61.5	11.3	9.0	7.5	15.2	9.0	31.0
Chile	1997	62.2	97.9	6.3	14.7	50.2	44.3	49.9	5.0	5.4	7.5	44.7	50.3	42.6
China	1998	...	...	...	...	76.0	77.1	74.4	...	...	...	...	...	...
China (Hong Kong SAR)	1997	19.0	35.1	10.4	20.1	74.8	75.3	72.1	13.7	13.3	16.0	11.4	11.4	11.9
China (Macao SAR)	1997	6.9	9.9	4.0	6.1	69.5	70.0	69.8	17.9	14.9	18.5	12.6	15.1	11.6
China (Taiwan Province)	1996	23.1	23.9	10.5	14.8	70.8	78.2	74.2	13.3	14.1	16.0	15.9	7.7	9.8
Colombia	1997	25.5	36.9	3.2	6.9	64.2	56.9	60.9	4.6	6.0	7.3	31.2	37.1	31.8
Costa Rica	1997	...	...	4.2	6.3	75.0	75.9	75.5	...	...	...	...	...	...
Côte d'Ivoire	1997	...	41.4	...	9.9	...	74.6	74.8	...	7.7	6.0	...	17.7	19.2
Croatia	1996	20.7	...	5.1	4.3	55.3	...	...	11.1	...	...	33.7	...	...
Cyprus	1998	21.6	26.2	9.6	13.4	73.5	67.5	66.2	11.8	16.4	17.3	14.7	16.1	16.6
Ecuador	1998	8.6	15.5	3.1	3.1	84.9	84.6	81.7	5.4	3.4	3.7	9.7	12.0	14.6
Egypt	1997	3.6	2.9	1.5	2.0	77.6	64.0	85.9	9.6	6.0	9.9	12.8	30.0	4.2
El Salvador	1998	...	18.9	...	4.7	...	55.6	65.2	...	4.4	8.7	...	40.0	26.2
Ethiopia	1998	2.4	4.7	1.8	1.0	83.2	63.1	61.9	12.6	9.7	8.0	4.1	27.2	30.1
Fiji	1998	22.1	...	5.2	16.2	67.5	...	...	7.6	...	...	24.9	...	...

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Paper (341)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Guatemala	1998	...	...	...	1.0	...	...	...	...	0.3	1.1	...	...	...
Honduras	1996	9.0	...	3.8	...	80.9	82.4	82.6	8.1	9.8	9.6	11.0	7.9	7.8
India	1997	4.0	2.7	1.4	1.3	80.2	77.8	85.0	6.8	6.2	7.2	13.0	16.0	7.8
Indonesia	1998	11.0	4.3	1.0	0.4	64.6	68.0	67.0	3.1	6.6	3.3	32.3	25.4	29.6
Jordan	1997	12.6	8.6	3.0	3.6	69.6	77.8	76.6	7.3	7.4	9.8	23.1	14.8	13.7
Kenya	1998	5.9	5.8	1.8	2.6	73.9	82.7	61.7	8.0	6.2	16.8	18.1	11.1	21.5
Kuwait	1997	33.5	26.1	4.6	7.8	50.7	64.6	62.4	6.7	10.0	11.3	42.6	25.4	26.3
Malaysia	1997	11.5	17.3	3.3	5.5	67.9	68.0	66.7	9.3	8.8	10.5	22.8	23.1	22.8
Malta	1996	21.8	25.9	9.6	12.2	63.1	62.5	59.2	16.3	20.0	19.2	20.6	17.5	21.5
Mauritius	1997	8.7	6.6	2.3	2.3	61.5	57.5	53.6	10.1	11.8	16.2	28.4	30.7	30.2
Morocco	1998	...	15.5	...	5.0	...	67.1	70.3	...	9.2	9.6	...	23.7	20.1
Nepal	1996	2.1	2.0	0.5	0.4	64.8	...	64.8	8.1	...	7.3	27.1	...	27.9
Oman	1998	...	19.7	...	6.3	...	65.8	58.9	...	11.5	13.1	...	22.7	27.9
Pakistan	1996	...	9.8	...	1.7	...	...	67.1	...	...	5.8	...	...	27.1
Panama	1998	45.4	8.7	9.1	4.3	54.7	...	76.4	9.1	...	11.8	36.2	...	11.9
Puerto Rico	1997	...	...	23.5	25.7	75.5	72.7	70.8	15.0	13.9	14.5	9.6	13.3	14.7
Republic of Korea	1997	35.5	71.4	9.7	16.9	66.1	62.0	60.0	9.3	9.1	9.5	24.7	28.9	30.6
Saint Lucia	1997	...	...	...	...	...	77.8	76.2	...	12.4	21.6	...	...	...
Senegal	1997	19.3	7.5	7.2	2.5	73.1	79.3	78.3	10.0	7.3	7.2	16.9	13.4	14.5
Singapore	1998	41.1	50.9	11.8	19.2	58.0	55.5	50.7	12.1	15.9	18.5	29.9	28.6	30.7
The f. Yugosl. Rep. of Macedonia	1996	7.3	4.3	4.8	3.5	68.0	70.0	70.1	21.1	22.4	24.3	10.8	7.5	5.6
Turkey	1997	25.9	25.5	7.8	9.1	58.6	62.7	63.8	12.5	7.8	12.9	28.9	29.6	23.3
Uruguay	1997	14.5	30.6	3.8	9.8	59.7	56.1	61.1	10.4	13.3	12.5	29.8	30.6	26.4
Venezuela	1996	20.8	21.7	5.4	3.6	62.5	65.4	62.3	9.7	6.9	6.3	27.8	27.7	31.4
Yugoslavia	1998	...	7.4	...	1.1	...	59.1	65.8	...	6.6	5.2	...	34.3	29.0

a/ At current prices.

TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Printing and publishing (342)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Industrialized countries b/														
Belgium	1997	47.9	...	24.2	...	58.4	58.4	58.4	21.0	...	...	20.6	...	...
Denmark	1998	28.8	...	26.0	29.0	35.0	...	...	58.6	...	...	6.4	...	...
Finland	1998	55.9	57.7	31.3	29.7	55.6	60.4	59.4	24.9	21.6	20.9	19.5	18.0	19.7
France	1998	53.5	61.0	36.7	32.5	58.5	56.6	63.9	28.5	...	19.2	13.0	...	16.9
Iceland	1996	41.6	54.3	28.2	39.1	45.5	47.7	44.2	37.0	39.3	40.2	17.6	13.0	15.7
Japan	1998	82.5	99.5	31.8	27.2	47.4	48.4	48.7	20.3	14.1	14.0	32.3	37.5	37.3
New Zealand	1996	33.4	56.1	21.0	33.5	54.9	52.6	52.2	28.4	29.5	28.5	16.7	17.9	19.2
Norway	1998	42.6	46.1	27.7	31.2	56.7	55.3	59.9	28.2	28.1	27.2	15.1	16.6	13.0
Spain	1998	52.7	46.1	21.1	22.9	54.5	61.9	61.2	18.2	18.8	19.2	27.3	19.2	19.6
United Kingdom	1997	64.3	64.1	27.0	32.0	38.4	54.2	54.5	25.9	23.5	22.7	35.7	22.4	22.8
Countries of eastern Europe and the former USSR														
Bulgaria	1996	...	6.3	1.9	1.6	...	71.8	69.3	11.6	8.2	7.6	...	19.9	23.1
Czech Republic	1998	...	11.7	2.1	4.2	...	...	67.6	...	...	11.8	...	...	20.6
Latvia	1998	...	21.0	...	3.3	...	38.6	56.7	...	...	6.7	...	...	36.6
Lithuania	1998	...	...	...	4.0	...	...	...	...	...	27.0	...	...	...
Russian Federation	1998	...	3.7	...	1.5	...	42.5	42.2	...	20.6	24.0	...	36.8	33.8
Slovakia	1998	...	10.8	...	4.7	...	...	70.0	...	...	13.1	...	...	16.8
Ukraine	1998	...	...	...	1.1	...	...	...	...	19.5	13.4	...	...	...
Developing countries														
Bolivia	1998	6.0	7.8	1.9	3.2	68.3	66.2	66.5	10.3	9.4	13.6	21.5	24.4	19.9
Cameroon	1998	...	10.3	...	3.9	...	49.0	51.5	...	21.2	18.5	...	29.8	29.9
Chile	1997	26.3	56.8	6.7	16.6	43.7	34.7	33.8	14.3	17.3	19.4	42.0	48.0	46.8
China	1998	...	...	...	...	71.4	70.1	66.4	...	...	...	...	...	...
China (Hong Kong SAR)	1997	24.5	44.6	11.4	26.2	57.7	62.6	60.4	19.7	25.5	23.2	22.5	11.9	16.3
China (Macao SAR)	1997	7.0	10.4	4.9	9.9	53.8	55.9	...	32.4	30.2	...	13.8	13.9	...
Colombia	1997	9.7	24.2	2.2	5.0	54.5	47.5	42.1	10.1	13.0	12.0	35.4	39.5	45.9
Costa Rica	1997	...	...	3.3	4.6	65.7	66.7	66.2	...	...	...	...	...	...
Côte d'Ivoire	1997	...	16.9	...	8.2	...	63.1	58.3	...	17.7	20.1	...	19.2	21.6
Croatia	1996	22.0	...	5.5	5.1	46.0	...	...	13.6	5.1	...	40.5	...	...
Cyprus	1998	20.1	29.8	11.0	15.6	57.7	56.2	52.2	23.2	28.1	25.0	19.1	15.7	22.8
Ecuador	1998	6.4	10.5	2.9	3.0	69.2	70.1	69.8	13.9	7.7	8.6	16.9	22.2	21.6
Egypt	1997	5.3	6.1	2.6	3.8	70.8	69.2	70.2	14.5	13.8	18.8	14.7	17.0	11.0
El Salvador	1998	...	15.8	...	4.6	...	...	40.7	...	...	17.2	...	...	42.0
Ethiopia	1998	5.9	3.1	1.8	1.0	38.3	41.6	45.2	19.2	19.8	17.9	42.4	38.6	36.9
Fiji	1998	7.4	...	3.9	6.3	65.3	...	...	18.5	...	...	16.2	...	...
Guatemala	1998	...	...	...	1.2	...	...	...	...	1.1	2.2	...	...	...

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Printing and publishing (342)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Honduras	1996	4.3	...	3.1	...	62.0	67.6	69.5	27.5	26.7	25.2	10.5	5.7	5.4
India	1997	2.4	3.1	1.6	1.7	74.2	72.6	75.1	17.1	12.8	13.9	8.7	14.6	11.0
Indonesia	1997	3.4	7.1	1.0	1.7	69.7	58.9	56.7	8.9	10.0	10.1	21.4	31.2	33.2
Jordan	1997	6.7	10.1	3.2	4.3	62.5	55.0	58.5	17.8	16.0	17.9	19.6	29.0	23.7
Kenya	1998	4.5	3.7	2.3	2.6	64.4	61.9	70.8	17.8	21.1	20.4	17.8	17.0	8.7
Malaysia	1997	12.0	25.4	4.4	8.1	52.0	52.0	47.4	17.5	16.3	16.7	30.4	31.6	35.9
Malta	1996	25.1	31.7	11.3	14.5	45.8	46.9	48.9	24.3	23.1	23.4	29.9	30.1	27.7
Mauritius	1997	7.5	12.6	3.4	6.6	53.6	54.5	55.0	20.9	23.7	23.7	25.5	21.9	21.3
Morocco	1998	...	8.9	...	4.8	...	59.4	63.8	...	20.5	19.4	...	20.1	16.7
Oman	1998	...	13.7	...	5.8	...	45.9	40.3	...	19.3	25.4	...	34.8	34.2
Pakistan	1996	...	14.7	...	2.3	...	...	38.3	...	...	9.7	...	...	52.0
Panama	1998	17.2	15.0	5.8	5.5	48.0	...	64.1	17.5	...	13.2	34.5	...	22.8
Puerto Rico	1997	...	...	26.1	41.7	58.0	56.0	60.0	12.7	22.7	22.1	29.4	21.3	17.9
Republic of Korea	1997	35.5	57.1	11.3	16.2	40.2	39.9	41.5	19.0	18.3	16.6	40.8	41.9	41.8
Saint Lucia	1997	...	...	...	...	...	58.1	57.8	...	28.2	24.5	...	13.7	17.7
Senegal	1997	13.1	10.4	6.4	3.2	68.2	64.3	63.3	15.7	13.5	11.2	16.1	22.2	25.4
Singapore	1998	32.6	51.4	13.2	22.4	46.5	39.6	38.9	21.7	24.5	26.6	31.8	35.9	34.5
The f. Yugosl. Rep. of Macedonia	1996	11.1	6.1	5.3	4.4	46.0	58.9	60.5	25.9	23.6	28.8	28.1	17.5	10.7
Turkey	1997	31.9	56.1	7.3	7.6	49.2	72.7	66.6	11.6	6.3	4.6	39.1	21.0	29.8
Uruguay	1997	10.1	23.4	2.9	9.0	48.9	37.7	49.2	14.4	18.4	19.6	36.7	43.9	31.3
Venezuela	1996	9.9	15.7	4.0	3.3	62.9	51.8	49.6	15.1	13.0	10.5	21.9	35.2	39.9
Yugoslavia	1998	...	7.9	...	1.3	...	51.3	52.6	...	9.1	7.5	...	39.6	39.8

a/ At current prices.



TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Industrial chemicals (351)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
<b>Industrialized countries b/</b>														
Belgium	1997	...	...	...	...	67.0	68.7	68.8	...	...	...	...	...	...
Denmark	1998	104.4	...	34.6	45.4	49.1	...	...	16.9	...	...	34.0	...	...
France	1998	91.9	100.1	44.7	36.3	64.2	68.5	73.1	17.4	...	9.8	18.4	...	17.1
Iceland	1996	71.1	62.6	36.5	40.2	57.9	71.8	68.9	21.6	20.4	20.0	20.5	7.8	11.1
Japan	1998	212.7	221.8	38.9	45.0	54.5	55.8	59.4	8.3	8.4	8.2	37.2	35.8	32.3
New Zealand	1996	64.0	159.7	24.2	45.2	68.5	59.5	62.4	12.0	11.0	10.6	19.6	29.5	27.0
Spain	1998	83.1	88.5	26.6	31.3	70.5	71.1	70.8	9.5	9.6	10.3	20.0	19.3	18.9
United Kingdom	1997	97.9	88.7	29.9	39.2	61.0	65.1	69.6	11.9	8.9	13.4	27.1	26.0	17.0
<b>Countries of eastern Europe and the former USSR</b>														
Bulgaria	1998	...	...	2.2	2.1	...	...	...	10.9	7.5	11.4	...	...	...
Czech Republic	1998	...	19.3	2.5	5.3	...	...	72.7	...	...	7.5	...	...	19.8
Latvia	1996	...	4.9	...	...	...	75.1	71.4	...	...	...	...	...	...
Lithuania	1998	...	...	...	4.5	...	...	...	...	...	7.8	...	...	...
Russian Federation	1998	...	3.9	...	1.5	...	69.1	68.8	...	7.0	12.3	...	23.9	18.9
Slovakia	1998	...	9.5	...	3.7	...	...	77.0	...	...	9.1	...	...	14.0
Ukraine	1998	...	...	1.8	0.9	...	...	...	10.4	5.8	10.8	...	...	...
<b>Developing countries</b>														
Bolivia	1998	6.9	21.9	1.9	4.4	57.2	62.2	48.4	11.7	10.4	10.4	31.1	27.4	41.2
Chile	1997	68.2	126.6	8.4	14.6	46.7	53.7	46.3	6.6	6.9	6.2	46.7	39.3	47.5
China (Taiwan Province)	1996	53.8	93.4	14.7	22.2	72.8	72.4	70.9	7.4	5.8	6.9	19.8	21.8	22.2
Colombia	1997	31.2	70.2	4.1	9.2	67.2	59.2	58.7	4.3	4.9	5.4	28.5	35.9	35.8
Costa Rica	1997	...	...	4.1	6.8	75.8	76.4	76.1	...	...	...	...	...	...
Côte d'Ivoire	1997	...	18.3	...	5.9	...	81.1	78.1	...	6.9	7.0	...	12.0	14.8
Croatia	1996	9.6	...	6.8	5.5	81.6	...	...	13.1	...	...	5.3	...	...
Cyprus	1998	33.9	31.7	11.1	16.0	64.9	66.0	72.1	11.5	12.3	14.0	23.6	21.8	13.9
Ecuador	1998	10.1	20.5	4.4	5.2	73.3	71.5	80.6	11.6	5.1	4.9	15.1	23.4	14.5
Egypt	1997	6.7	9.5	2.9	3.6	69.5	59.9	58.1	13.2	14.7	15.8	17.3	25.5	26.1
El Salvador	1998	...	18.1	...	4.9	...	41.2	64.7	...	19.3	9.5	...	39.5	25.8
Ethiopia	1998	5.6	2.1	1.8	0.8	32.8	30.3	47.0	21.9	20.5	20.7	45.3	49.2	32.3
Guatemala	1998	...	...	...	3.0	...	...	...	...	1.0	1.5	...	...	...
Honduras	1996	5.0	...	1.4	...	62.9	69.9	71.5	10.2	9.7	9.2	26.9	20.4	19.3
India	1997	8.2	9.3	2.6	2.5	83.2	70.6	82.8	5.2	4.4	4.6	11.6	25.0	12.7
Indonesia	1996	13.7	30.4	1.7	3.9	69.9	62.6	62.1	3.7	6.7	4.9	26.3	30.6	33.0
Jordan	1997	30.0	22.5	5.2	5.9	77.4	85.6	81.3	3.9	2.7	4.9	18.7	11.7	13.8
Kenya	1998	4.9	6.1	1.9	3.6	89.5	91.8	76.8	4.1	3.8	13.5	6.4	4.4	9.7
Kuwait	1997	38.3	82.4	30.2	35.2	53.2	21.3	33.5	36.9	22.6	28.4	9.9	56.1	38.1

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Industrial chemicals (351)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Malawi	1998	7.4	26.3	1.9	3.8	78.0	45.5	63.8	5.6	3.8	5.3	16.4	50.7	31.0
Malaysia	1997	...	...	7.2	11.6	58.4	68.1	68.4	3.9	3.3	2.9	37.7	28.6	28.7
Malta	1996	25.5	26.5	10.7	14.1	43.9	47.3	54.1	23.5	21.4	24.4	32.7	31.3	21.4
Mauritius	1997	21.4	27.7	4.0	7.3	65.9	66.4	44.3	6.3	11.9	14.6	27.7	21.7	41.1
Morocco	1998	...	39.5	...	10.6	...	69.0	65.9	...	6.9	9.2	...	24.1	24.9
Oman	1998	...	29.6	...	5.7	...	34.5	45.8	...	13.6	10.4	...	51.9	43.8
Pakistan	1996	...	25.2	...	3.7	...	...	54.9	...	...	6.6	...	...	38.4
Panama	1997	39.8	21.0	7.3	9.0	65.2	...	75.9	6.4	...	10.3	28.4	...	13.8
Puerto Rico	1998	...	...	...	...	66.3	61.8	68.4	...	...	...	...	...	...
Republic of Korea	1997	80.0	158.2	13.8	23.0	66.9	59.8	62.4	5.7	6.8	5.5	27.4	33.3	32.1
Saint Lucia	1997	...	...	...	...	...	41.2	62.5	...	23.5	12.5	...	35.3	25.0
Senegal	1997	8.9	21.5	8.0	5.0	90.1	71.6	69.4	8.8	4.0	7.1	1.0	24.4	23.5
Singapore	1998	...	...	22.7	35.3	66.4	64.9	67.0	6.2	8.8	9.9	27.4	26.4	23.1
The f. Yugosl. Rep. of Macedonia	1996	10.4	6.0	5.8	4.4	66.3	...	71.4	18.7	...	20.8	15.0	...	7.8
Tunisia	1998	...	...	...	...	...	85.0	84.7	...	4.0	3.4	...	11.0	11.9
Turkey	1997	45.6	69.4	10.5	13.1	61.1	57.7	57.4	9.0	6.5	8.0	29.9	35.8	34.6
Uruguay	1997	39.1	47.0	5.8	16.6	63.4	54.3	64.4	5.5	12.6	12.6	31.2	33.1	23.0
Venezuela	1996	36.0	96.9	6.0	8.3	57.4	55.0	48.4	7.1	5.8	4.4	35.5	39.2	47.1
Yugoslavia	1998	...	7.4	...	2.5	...	64.0	71.0	...	11.9	9.7	...	24.2	19.3

a/ At current prices.

TABLE 1.11

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Other chemicals (352)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output <sup>a/</sup>								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Industrialized countries b/														
Belgium	1997	...	...	...	...	63.9	64.5	64.8	...	...	...	...	...	...
Denmark	1998	87.3	...	36.0	45.7	41.1	...	...	24.3	...	...	34.6	...	...
Finland	1998	68.6	68.0	29.5	28.3	54.5	56.7	60.7	19.6	18.8	16.3	25.9	24.5	22.9
France	1998	67.4	84.3	40.9	35.8	64.3	64.5	68.9	21.6	...	13.2	14.1	...	17.9
Iceland	1996	49.1	50.5	27.0	30.6	67.5	58.3	63.2	17.9	20.3	22.3	14.6	21.4	14.5
Japan	1998	210.6	228.5	35.0	37.9	41.1	43.4	44.8	9.8	9.0	9.2	49.1	47.6	46.0
New Zealand	1996	33.5	116.7	17.8	67.1	73.4	62.3	65.3	14.1	20.5	20.0	12.5	17.2	14.8
Norway	1998	71.6	84.6	31.3	42.5	61.7	58.9	69.0	16.7	16.4	15.6	21.5	24.6	15.4
Spain	1998	67.8	65.0	25.4	30.0	62.0	67.1	67.8	14.2	16.0	14.9	23.7	16.9	17.3
United Kingdom	1997	87.1	86.9	26.2	35.0	45.9	63.7	60.6	16.3	15.5	15.9	37.8	20.8	23.6
Countries of eastern Europe and the former USSR														
Bulgaria	1997	...	...	1.9	1.2	...	...	...	8.3	9.4	7.8	...	...	...
Czech Republic	1998	...	15.9	2.2	5.0	...	...	74.9	...	...	7.9	...	...	17.3
Latvia	1998	...	7.4	...	3.3	...	54.2	60.4	...	...	17.7	...	...	22.0
Lithuania	1998	...	...	...	3.0	...	...	...	...	...	19.2	...	...	...
Russian Federation	1998	...	7.2	...	1.7	...	54.4	49.5	...	8.5	11.9	...	37.1	38.6
Slovakia	1998	...	13.0	...	4.1	...	...	70.9	...	...	9.2	...	...	19.9
Ukraine	1998	...	...	1.8	1.1	...	...	...	8.4	6.6	9.0	...	...	...
Developing countries														
Bolivia	1998	9.9	19.0	2.6	3.6	60.2	59.8	50.5	10.4	9.6	9.3	29.4	30.6	40.1
Cameroon	1998	30.0	23.1	12.2	4.9	...	68.1	56.7	...	11.7	9.1	...	20.2	34.1
Chile	1997	37.3	69.6	7.7	16.0	46.4	43.1	43.5	11.1	12.4	13.0	42.5	44.5	43.5
China (Macao SAR)	1997	18.5	19.3	5.0	10.0	50.4	71.5	74.3	13.3	13.2	13.3	36.3	15.3	12.4
China (Taiwan Province)	1996	19.6	24.1	10.4	15.9	71.4	77.0	76.2	15.2	15.5	15.7	13.4	7.5	8.1
Colombia	1997	22.9	50.7	3.1	7.3	56.9	44.1	42.8	5.9	8.8	8.2	37.2	47.1	49.0
Costa Rica	1997	...	...	4.1	6.5	70.3	70.7	70.9	...	...	...	...	...	...
Côte d'Ivoire	1997	...	18.3	...	8.0	10.0	75.1	75.6	...	11.2	10.7	...	13.7	13.8
Croatia	1996	24.6	...	5.4	5.5	55.4	...	...	9.7	...	...	34.9	...	...
Cyprus	1998	21.3	31.3	9.2	14.2	72.9	69.3	64.9	11.7	16.5	15.9	15.4	14.2	19.2
Ecuador	1998	11.7	19.1	4.0	4.0	68.2	78.0	73.2	10.8	7.5	5.7	21.0	14.5	21.1
Egypt	1997	9.7	13.4	2.7	3.0	65.7	68.6	62.7	9.4	9.9	8.4	24.9	21.5	28.9
El Salvador	1998	...	26.0	...	5.7	...	65.4	53.4	...	7.5	10.3	...	27.1	36.3
Ethiopia	1998	8.0	9.4	2.0	0.7	64.5	69.2	54.0	8.9	4.5	3.6	26.7	26.3	42.4
Fiji	1998	14.8	...	4.9	9.2	74.8	...	...	8.3	...	...	16.9	...	...
Guatemala	1998	...	...	...	2.1	...	...	...	...	0.9	1.5	...	...	...
Honduras	1996	6.3	...	2.9	...	76.4	80.9	81.3	10.9	9.3	9.1	12.7	9.8	9.6

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Other chemicals (352)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
India	1997	5.1	7.1	1.7	1.5	79.5	77.8	77.4	6.7	6.0	4.7	13.8	16.3	17.9
Indonesia	1998	6.3	4.7	1.3	0.9	68.0	70.0	66.4	6.5	8.0	6.6	25.6	22.0	27.0
Jordan	1997	12.7	16.0	3.6	4.2	73.8	75.5	68.7	7.4	10.1	8.2	18.8	14.5	23.2
Kenya	1998	7.8	6.0	3.0	3.2	92.6	94.0	91.7	2.8	2.6	4.4	4.6	3.4	3.9
Kuwait	1997	23.1	40.7	7.0	10.6	58.3	61.4	61.9	12.7	11.3	9.9	29.0	27.3	28.2
Malawi	1998	13.4	5.2	4.4	2.4	75.0	72.8	82.7	8.1	7.0	8.0	16.9	20.2	9.2
Malaysia	1997	18.8	28.0	4.7	7.3	65.1	64.6	65.8	8.6	8.2	8.9	26.3	27.2	25.3
Mauritius	1997	9.6	15.9	2.8	4.8	74.3	59.1	59.9	7.6	11.4	12.1	18.1	29.5	28.1
Morocco	1998	...	13.5	...	5.9	...	70.4	68.8	...	14.3	13.8	...	15.3	17.5
Nepal	1996	2.6	4.7	0.5	0.6	66.3	...	64.5	7.1	...	4.3	26.6	...	31.1
Oman	1998	...	43.3	...	7.4	...	65.0	64.1	...	5.4	6.2	...	29.6	29.7
Pakistan	1996	...	15.2	...	3.5	...	...	62.4	...	...	8.6	...	...	29.0
Panama	1998	24.8	16.3	7.0	6.8	55.7	...	75.8	12.4	...	10.1	31.8	...	14.1
Puerto Rico	1998	...	...	...	...	42.1	41.2	57.1	...	...	...	...	...	...
Republic of Korea	1997	64.8	104.2	10.7	17.8	47.7	47.2	47.4	8.6	9.6	9.0	43.6	43.2	43.6
Saint Lucia	1997	...	...	...	...	...	76.4	78.2	...	14.5	18.2	...	...	...
Senegal	1997	14.7	10.1	4.9	3.1	69.5	71.1	74.0	10.2	6.5	7.9	20.4	22.4	18.1
Singapore	1998	...	...	16.6	36.8	38.6	49.4	48.3	8.8	9.3	8.9	52.6	41.3	42.9
The f. Yugosl. Rep. of Macedonia	1996	21.5	10.1	9.9	8.1	39.9	67.0	62.7	27.8	28.1	30.0	32.3	4.9	7.3
Tunisia	1998	...	...	...	...	68.9	67.2	64.2	9.8	9.2	10.0	21.2	23.5	25.8
Turkey	1997	52.7	72.5	10.5	13.0	56.4	54.1	53.2	8.7	6.9	8.4	34.9	39.0	38.5
Uruguay	1997	23.6	45.0	6.1	16.4	53.5	44.8	52.8	12.0	12.7	17.2	34.5	42.5	30.0
Venezuela	1996	23.6	29.4	5.8	4.4	48.3	55.0	51.8	12.7	10.0	7.3	39.0	35.0	40.9
Yugoslavia	1998	...	13.9	...	2.3	...	62.8	61.0	...	4.5	6.5	...	32.8	32.5

a/ At current prices.

TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Rubber products (355)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
<b>Industrialized countries b/</b>														
Australia	1997	60.6	52.8	23.4	30.2	47.0	...	62.8	20.5	20.5	21.3	32.5	...	15.9
Belgium	1997	59.1	...	25.7	...	63.8	62.2	62.2	15.7	...	...	20.5	...	...
Denmark	1998	41.9	...	28.6	36.7	42.7	...	...	39.0	...	...	18.3	...	...
Finland	1998	51.2	66.5	25.7	31.7	52.1	7.8	52.6	24.1	45.5	22.6	23.8	46.6	24.8
France	1998	35.5	49.6	26.6	24.9	51.8	54.8	61.2	36.1	...	19.5	12.1	...	19.3
Japan	1998	75.0	90.2	28.0	29.2	51.1	53.4	52.8	18.2	16.0	15.3	30.7	30.6	32.0
Norway	1998	48.2	51.6	28.2	33.0	58.1	57.5	59.8	24.5	26.3	25.8	17.3	16.1	14.5
Spain	1998	44.8	52.6	22.1	25.1	49.7	57.9	59.3	24.8	21.7	19.4	25.5	20.3	21.2
United Kingdom	1997	46.2	48.0	21.7	27.9	47.8	61.0	55.2	24.6	21.5	26.1	27.6	17.4	18.8
<b>Countries of eastern Europe and the former USSR</b>														
Bulgaria	1998	...	...	1.9	1.2	...	...	...	10.9	11.8	15.7	...	...	...
Czech Republic	1998	...	14.1	2.4	5.1	...	...	68.4	...	...	11.4	...	...	20.2
Latvia	1996	...	2.1	...	...	...	40.3	66.5	...	...	...	...	...	...
Lithuania	1998	...	...	...	2.0	...	...	...	...	...	21.1	...	...	...
Russian Federation	1998	...	3.2	...	1.3	...	64.2	75.8	...	7.2	10.1	...	28.5	14.1
Slovakia	1998	...	10.4	...	4.4	...	...	72.8	...	...	11.6	...	...	15.6
Ukraine	1998	...	...	1.8	1.1	...	...	...	9.4	4.7	6.8	...	...	...
<b>Developing countries</b>														
Bolivia	1998	3.0	6.5	1.3	2.7	70.4	56.8	52.1	13.1	17.4	19.9	16.5	25.9	28.0
Cameroon	1998	...	2.5	...	1.4	...	53.3	57.1	...	19.3	23.9	...	27.4	19.0
Chile	1997	23.9	56.3	5.9	11.1	50.6	52.9	51.6	12.2	12.4	9.6	37.2	34.7	38.9
China	1998	...	...	...	...	73.1	77.7	73.5	...	...	...	...	...	...
China (Hong Kong SAR)	1997	18.1	29.7	9.4	15.5	65.1	60.3	62.9	18.1	20.1	19.4	16.8	19.6	17.7
China (Taiwan Province)	1996	14.1	19.4	9.3	12.9	64.4	67.6	66.2	23.4	23.0	22.5	12.2	9.4	11.3
Colombia	1997	20.5	28.1	3.4	6.5	57.1	55.5	50.6	7.0	10.1	11.4	35.8	34.3	38.0
Costa Rica	1997	...	...	3.5	5.2	66.7	67.7	67.3	...	...	...	...	...	...
Croatia	1996	7.9	...	3.5	3.5	64.1	...	...	15.7	...	...	20.2	...	...
Cyprus	1998	21.2	23.0	9.2	12.0	59.0	58.4	60.6	17.8	25.1	20.6	23.2	16.5	18.8
Ecuador	1998	10.6	13.7	5.9	3.1	67.2	72.9	79.1	18.4	8.7	4.8	14.5	18.4	16.1
Egypt	1997	2.7	4.4	1.8	2.0	70.3	68.8	76.6	19.9	13.8	10.7	9.8	17.4	12.7
El Salvador	1998	...	11.0	...	3.6	...	...	49.8	...	...	16.4	...	...	33.8
Ethiopia	1998	9.3	8.2	2.5	1.3	58.2	52.4	60.2	11.2	9.4	6.3	30.6	38.2	33.5
Fiji	1996	7.1	...	3.4	16.2	78.9	...	...	10.1	...	...	11.0	...	...
Guatemala	1998	...	...	...	4.1	...	...	...	...	0.8	5.3	...	...	...
Honduras	1996	4.0	...	2.0	...	77.6	78.5	79.4	11.5	13.0	12.5	10.9	8.5	8.1
India	1997	5.1	5.3	1.6	1.4	81.4	83.5	80.2	5.7	5.4	5.3	12.9	11.0	14.5

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Rubber products (355)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output <sup>a/</sup>								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Indonesia	1998	3.0	2.3	0.6	0.6	71.1	80.5	83.0	5.4	5.3	4.8	23.5	14.2	12.2
Jordan	1997	7.2	13.0	2.4	3.1	78.9	49.6	59.7	7.0	11.0	9.5	14.1	39.4	30.8
Kenya	1998	15.1	11.5	3.0	3.2	71.9	65.3	69.3	5.5	7.9	8.6	22.6	26.8	22.1
Kuwait	1997	8.4	26.3	2.8	6.9	63.4	72.2	59.5	12.3	9.6	10.6	24.3	18.1	29.9
Malawi	1998	...	1.1	...	0.8	...	83.7	87.8	...	8.5	8.9	...	7.8	3.3
Malaysia	1997	8.9	16.7	2.6	4.9	73.0	71.4	66.0	8.0	8.3	10.0	19.1	20.3	24.0
Malta	1996	28.4	24.4	16.7	15.4	31.2	27.1	40.0	40.5	38.6	37.9	28.3	34.3	22.1
Mauritius	1997	5.7	7.3	2.3	3.4	62.9	70.6	65.2	15.0	17.2	16.2	22.1	12.2	18.6
Morocco	1998	...	16.8	...	9.2	...	52.7	59.9	...	23.2	22.1	...	24.1	18.0
Nepal	1996	2.9	8.7	0.4	0.6	58.1	...	53.8	6.4	...	3.3	35.5	...	42.8
Oman	1998	...	11.7	...	6.0	...	46.6	44.3	...	23.0	28.7	...	30.4	27.1
Pakistan	1996	...	5.8	...	1.6	...	...	63.6	...	...	10.0	...	...	26.4
Panama	1998	12.6	9.6	4.3	4.5	60.7	...	72.8	13.5	...	12.7	25.7	...	14.4
Republic of Korea	1997	16.8	60.3	7.4	17.8	57.9	52.3	53.1	18.4	13.3	13.8	23.7	34.3	33.1
Senegal	1997	...	2.7	...	1.4	...	60.6	78.1	...	8.3	11.0	...	31.2	11.0
Singapore	1998	21.6	36.3	11.0	18.0	57.1	55.9	55.1	21.9	22.0	22.3	21.0	22.1	22.6
Tunisia	1998	...	...	...	...	65.1	54.8	54.0	13.5	17.3	15.9	21.5	27.9	30.1
Turkey	1997	35.0	52.5	9.7	11.6	50.3	47.6	48.3	13.7	11.1	11.3	36.0	41.3	40.3
Uruguay	1997	21.4	17.2	5.2	8.9	38.5	52.3	55.0	15.0	19.5	23.3	46.5	28.1	21.7
Venezuela	1996	23.6	49.5	5.5	6.2	52.1	53.7	37.5	11.3	8.5	7.8	36.6	37.8	54.7
Yugoslavia	1998	...	6.3	...	1.1	...	50.0	59.4	...	13.9	7.4	...	36.1	33.2

a/ At current prices.

TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Plastic products (356)															
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/									
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus			
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY	
Industrialized countries b/															
Australia	1997	47.2	45.1	19.3	24.8	55.8	...	65.5	18.1	18.2	19.0	26.1	...	15.5	
Denmark	1998	49.8	...	27.5	33.6	45.2	...	...	30.2	...	...	24.6	...	...	
France	1998	55.0	45.0	33.0	22.7	63.3	64.0	66.7	22.0	...	16.8	14.7	...	16.5	
Iceland	1996	53.2	58.6	29.9	37.0	58.5	60.9	60.5	23.4	24.3	25.0	18.2	14.8	14.6	
Japan	1998	67.5	73.5	23.5	20.1	58.6	60.0	59.9	14.4	11.3	11.0	27.0	28.7	29.2	
Norway	1998	48.8	51.5	27.0	32.7	64.3	65.6	65.8	19.8	20.2	21.8	16.0	14.2	12.5	
Spain	1998	37.9	42.0	18.1	19.9	65.4	68.2	67.1	16.6	15.0	15.6	18.1	16.8	17.3	
United Kingdom	1997	48.5	48.5	21.0	25.3	53.1	64.6	60.5	20.3	19.5	20.6	26.6	15.9	18.9	
Countries of eastern Europe and the former USSR															
Bulgaria	1998	...	...	1.9	1.3	...	...	...	7.9	8.7	11.8	...	...	...	
Czech Republic	1998	...	10.1	2.1	4.2	...	...	73.1	...	...	11.1	...	...	15.8	
Latvia	1998	...	7.1	...	1.8	...	52.5	67.6	...	...	8.2	...	...	24.2	
Lithuania	1998	...	...	...	3.2	...	...	...	...	...	15.5	...	...	...	
Russian Federation	1998	...	4.7	...	1.0	...	58.1	64.4	...	11.2	7.2	...	30.7	28.5	
Slovakia	1998	...	9.3	...	3.7	...	...	74.0	...	...	10.2	...	...	15.7	
Ukraine	1998	...	...	1.6	0.6	...	...	...	15.6	11.3	7.7	...	...	...	
Developing countries															
Bolivia	1998	5.9	7.5	1.5	2.2	67.3	67.3	68.2	8.5	9.0	9.4	24.2	23.7	22.3	
Cameroon	1998	...	13.9	...	2.9	...	65.7	54.6	...	13.1	9.5	...	21.2	36.0	
Chile	1997	16.6	31.3	4.0	9.8	57.5	55.8	56.6	10.2	12.2	13.5	32.4	31.9	29.9	
China	1998	...	...	...	...	76.3	80.0	76.3	...	...	...	...	...	...	
China (Hong Kong SAR)	1997	17.1	36.8	8.8	17.4	69.2	71.2	65.0	15.8	14.8	16.6	15.1	14.1	18.5	
China (Macao SAR)	1997	8.5	11.9	4.4	6.5	70.0	71.1	74.1	15.6	13.1	14.1	14.4	15.8	11.7	
China (Taiwan Province)	1996	16.0	22.6	8.6	13.8	68.7	68.5	65.3	16.9	21.3	21.2	14.4	10.2	13.5	
Colombia	1997	12.0	23.7	2.1	4.7	64.1	59.1	54.7	6.3	8.6	8.9	29.6	32.4	36.4	
Costa Rica	1997	...	...	3.1	4.8	64.9	65.9	65.5	...	...	...	...	...	...	
Croatia	1996	13.6	...	5.4	5.4	62.6	...	...	14.8	...	...	22.6	...	...	
Cyprus	1998	21.4	24.4	9.9	13.3	61.5	57.8	57.5	17.8	23.9	23.1	20.7	18.3	19.4	
Ecuador	1998	7.2	17.2	2.3	2.3	68.4	68.6	64.2	10.0	6.7	4.8	21.7	24.7	31.1	
Egypt	1997	4.0	5.5	1.6	1.6	81.8	68.4	75.6	7.3	5.8	7.0	10.9	25.8	17.4	
El Salvador	1998	...	12.0	...	4.1	...	61.1	55.6	...	20.1	15.4	...	18.8	29.0	
Ethiopia	1998	9.1	4.4	1.8	0.7	50.5	55.1	59.1	9.6	8.0	6.8	39.9	36.9	34.0	
Fiji	1996	13.6	...	3.5	12.8	65.8	...	...	8.8	...	...	25.3	...	...	
Guatemala	1998	...	...	...	1.0	...	...	...	...	0.4	1.0	...	...	...	
Honduras	1996	8.2	...	2.9	...	72.1	75.7	73.3	9.7	13.2	14.5	18.1	11.1	12.2	
India	1997	3.7	4.3	1.1	1.2	84.1	84.6	82.4	4.5	4.4	4.9	11.3	11.0	12.7	

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Plastic products (356)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Indonesia	1998	2.8	2.1	0.5	0.4	70.7	67.3	68.6	5.5	7.4	6.0	23.8	25.2	25.3
Jordan	1997	8.1	8.3	2.5	2.6	73.6	77.4	72.5	8.0	8.1	8.5	18.4	14.5	19.0
Kenya	1998	7.1	7.8	1.4	2.2	71.7	79.1	67.3	5.6	4.7	9.1	22.6	16.2	23.6
Kuwait	1997	14.7	31.1	4.0	6.9	54.4	58.3	51.6	12.6	10.4	10.8	33.1	31.3	37.7
Malawi	1998	...	3.7	...	0.7	...	67.6	58.3	...	9.0	8.0	...	23.4	33.7
Malaysia	1997	7.3	16.8	2.2	5.6	65.4	64.1	61.6	10.7	11.9	12.9	24.0	23.9	25.5
Malta	1996	15.7	19.4	9.1	11.6	56.0	53.9	50.3	25.7	26.4	29.8	18.3	19.8	20.0
Mauritius	1997	5.4	6.8	2.3	3.5	65.5	53.2	67.0	14.5	17.3	17.1	20.0	29.4	15.9
Morocco	1998	...	9.0	...	3.6	...	71.1	66.8	...	12.7	13.3	...	16.2	19.9
Nepal	1996	2.6	2.6	0.4	0.4	65.4	...	71.7	5.6	...	4.4	29.0	...	23.8
Oman	1998	...	17.6	...	5.2	...	61.8	56.2	...	10.2	12.8	...	28.0	30.9
Pakistan	1996	...	4.8	...	1.8	...	...	77.9	...	...	8.2	...	...	13.9
Republic of Korea	1997	27.4	51.2	8.5	14.6	61.3	57.6	57.8	12.0	9.0	12.0	26.8	33.5	30.1
Saint Lucia	1997	...	...	...	...	...	53.5	55.6	...	...	...	...	45.1	43.1
Senegal	1997	8.0	4.3	3.9	1.4	72.8	79.0	80.8	13.3	12.0	6.2	13.9	9.0	13.0
Singapore	1998	21.9	28.8	9.2	15.4	64.3	61.3	59.5	15.1	19.3	21.7	20.7	19.4	18.8
The f.Yugosl.Rep.of Macedonia	1996	10.7	5.3	5.3	4.6	50.1	66.3	59.3	24.7	27.9	34.9	25.2	5.7	5.8
Tunisia	1998	...	...	...	...	75.2	70.0	69.4	7.1	8.1	6.9	17.7	21.9	23.8
Turkey	1997	21.7	27.0	5.3	5.9	66.3	66.5	66.3	8.2	5.1	7.3	25.5	28.4	26.3
Uruguay	1997	12.9	23.7	3.1	8.0	54.9	53.1	59.2	11.0	14.5	13.7	34.2	32.4	27.1
Venezuela	1996	10.0	14.5	3.4	3.2	60.7	62.3	54.5	13.1	10.9	10.0	26.2	26.7	35.5
Yugoslavia	1998	...	8.7	...	1.3	...	55.0	60.5	...	6.8	5.7	...	38.3	33.8

a/ At current prices.



TABLE 1.11

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Pottery, china, earthenware (361)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Industrialized countries b/														
Australia	1997	37.9	43.6	20.5	22.3	35.8	...	51.5	34.7	26.6	24.8	29.5	...	23.7
Finland	1998	56.5	49.9	25.5	22.3	35.4	...	51.6	29.1	35.7	21.6	35.5	...	26.8
France	1998	...	33.7	...	22.0	...	...	55.2	...	...	29.2	...	...	15.6
Iceland	1996	34.9	46.2	34.3	35.4	49.6	48.4	48.8	49.6	20.0	39.3	0.9	31.6	11.9
Japan	1998	43.2	54.8	21.7	23.7	45.5	48.2	51.3	27.4	19.0	21.1	27.1	32.8	27.6
Norway	1997	33.1	37.0	23.5	26.4	43.9	...	42.3	39.9	...	41.2	16.3	...	16.5
Spain	1998	28.9	36.2	16.0	18.4	44.7	50.3	50.5	30.8	27.3	25.2	24.6	22.4	24.3
United Kingdom	1997	33.1	37.6	17.2	22.4	32.3	46.0	38.7	35.3	34.3	36.5	32.5	19.7	24.8
Countries of eastern Europe and the former USSR														
Bulgaria	1996	...	...	2.0	1.2	...	...	...	17.6	13.7	14.0	...	...	...
Latvia	1996	...	1.9	...	...	...	40.8	39.7	...	...	...	...	...	...
Lithuania	1998	...	...	...	1.9	...	...	...	...	...	52.9	...	...	...
Russian Federation	1998	...	6.3	...	1.0	...	52.8	56.4	...	5.2	6.9	...	42.1	36.7
Slovakia	1998	...	5.8	...	3.5	...	...	66.5	...	...	20.0	...	...	13.5
Ukraine	1998	...	...	1.5	0.6	...	...	...	34.7	20.7	24.5	...	...	...
Developing countries														
Bolivia	1998	1.7	1.4	0.4	0.7	37.7	12.7	48.6	13.5	40.0	25.7	48.8	47.3	25.7
Chile	1997	4.4	15.0	1.8	6.1	45.2	51.1	50.9	22.4	20.9	19.9	32.4	28.0	29.2
China	1998	...	...	...	...	69.9	70.0	71.7	...	...	...	...	...	...
China (Taiwan Province)	1996	11.6	15.6	8.4	13.3	51.8	51.9	50.9	35.1	41.6	41.8	13.0	6.5	7.3
Colombia	1997	11.3	29.7	2.2	5.6	44.4	37.9	34.1	10.9	13.4	12.4	44.7	48.8	53.5
Costa Rica	1997	...	...	3.0	3.9	64.7	65.8	65.3	...	...	...	...	...	...
Croatia	1996	14.7	...	4.4	3.8	40.5	...	...	18.0	...	...	41.5	...	...
Cyprus	1998	17.6	23.0	7.1	8.4	43.3	34.6	29.0	22.8	30.9	25.9	33.9	34.6	45.2
Ecuador	1998	5.6	7.7	2.4	1.4	60.2	61.9	78.0	17.3	10.4	3.9	22.5	27.7	18.1
Egypt	1997	7.4	13.5	1.7	2.2	58.4	55.8	41.1	9.7	13.8	9.6	31.9	30.4	49.2
El Salvador	1998	...	4.0	...	2.2	...	...	41.4	...	...	31.9	...	...	26.6
Guatemala	1998	...	...	...	0.8	...	...	...	...	0.2	0.5	...	...	...
Honduras	1996	3.7	...	1.4	...	57.7	60.8	73.6	16.0	25.1	16.9	26.3	14.1	9.5
India	1997	1.9	2.8	1.2	1.0	72.7	70.7	70.5	16.2	11.1	10.1	11.0	18.3	19.4
Indonesia	1997	3.2	7.2	0.7	1.6	57.8	59.2	88.6	8.9	15.5	2.5	33.3	25.3	9.0
Jordan	1997	8.3	2.5	2.4	2.3	57.8	45.8	74.5	12.1	13.9	...	30.1	40.3	...
Kenya	1998	4.2	4.7	1.6	2.0	...	...	...	...	...	...	...	...	...
Malaysia	1997	5.1	10.2	2.1	4.2	48.3	48.9	45.5	20.9	22.9	22.6	30.8	28.2	31.9
Malta	1996	12.3	11.5	7.6	7.9	37.0	54.2	59.5	39.0	29.3	27.7	24.0	16.5	12.9
Mauritius	1997	2.1	3.5	1.4	3.0	66.7	59.8	48.8	23.3	29.9	43.8	10.0	10.3	7.5

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Pottery, china, earthenware (361)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Morocco	1998	...	11.2	...	4.2	...	64.4	60.4	...	14.8	14.7	...	20.8	24.9
Oman	1998	...	13.9	...	2.3	...	...	10.7	...	...	14.7	...	...	74.7
Pakistan	1996	...	4.1	...	1.1	...	...	51.4	...	...	12.6	...	...	36.0
Republic of Korea	1997	17.2	31.6	7.2	12.8	33.5	34.7	35.6	28.0	26.8	26.2	38.5	38.4	38.3
Tunisia	1998	...	...	...	...	57.8	56.6	56.7	21.6	18.8	18.6	20.7	24.6	24.6
Turkey	1997	35.4	35.0	6.5	8.0	33.7	38.6	46.0	12.3	11.3	12.3	54.1	50.1	41.7
Uruguay	1997	10.1	13.3	3.1	8.1	39.1	41.5	50.8	18.9	25.0	30.1	42.0	33.4	19.1
Venezuela	1996	7.8	11.8	4.2	2.9	45.0	48.9	45.7	29.7	16.3	13.4	25.3	34.8	40.8
Yugoslavia	1998	...	3.7	...	0.8	...	40.0	48.0	...	18.4	11.8	...	41.6	40.2

a/ At current prices.

TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Glass (362)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
		1990	LY	1990	LY	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1990	1995	LY	1990	1995	LY	1990	1995	LY
<b>Industrialized countries b/</b>														
Australia	1997	87.9	53.5	27.6	30.2	39.2	...	64.0	19.1	18.4	20.4	41.7	...	15.7
Denmark	1998	42.1	...	28.3	30.4	46.6	...	...	35.9	...	...	17.6	...	...
Finland	1998	50.8	53.7	28.6	28.6	53.1	56.9	59.0	26.4	23.7	21.8	20.5	19.4	19.2
France	1998	55.0	54.3	32.2	27.3	46.1	51.4	59.5	31.6	...	20.4	22.3	...	20.1
Iceland	1996	38.4	60.7	27.3	37.8	62.9	56.0	56.4	26.4	25.6	27.2	10.7	18.4	16.4
Japan	1998	121.0	115.2	30.6	32.7	42.4	47.2	48.1	14.6	14.3	14.7	43.0	38.5	37.2
Norway	1998	52.1	49.7	28.7	33.0	57.5	57.1	62.6	23.5	24.0	24.9	19.1	18.9	12.5
Spain	1998	55.2	48.6	20.3	21.7	50.9	55.9	58.5	18.0	18.0	18.6	31.0	26.1	23.0
United Kingdom	1997	49.5	54.6	22.8	27.1	43.0	61.6	52.6	26.3	20.4	23.5	30.7	18.0	23.9
<b>Countries of eastern Europe and the former USSR</b>														
Bulgaria	1998	...	...	2.0	1.5	...	...	...	17.7	14.5	16.1	...	...	...
Czech Republic	1998	...	12.1	2.1	4.4	...	...	60.3	...	...	14.3	...	...	25.3
Latvia	1998	...	13.0	...	2.7	...	68.6	47.2	...	...	11.1	...	...	41.7
Lithuania	1998	...	...	...	3.3	...	...	...	...	...	19.3	...	...	...
Russian Federation	1998	...	2.8	...	1.1	...	53.2	57.3	...	13.3	16.5	...	33.6	26.2
Slovakia	1998	...	7.3	...	3.5	...	...	65.0	...	...	16.6	...	...	18.4
Ukraine	1998	...	...	1.8	0.8	...	...	...	16.4	12.4	16.4	...	...	...
<b>Developing countries</b>														
Bolivia	1998	8.8	20.2	2.0	4.3	51.4	58.4	55.7	10.9	10.0	9.5	37.6	31.6	34.8
Chile	1997	25.5	60.3	5.4	11.7	38.2	38.8	42.3	13.1	11.9	11.2	48.6	49.4	46.4
China	1998	...	...	...	...	72.9	66.6	73.0	...	...	...	...	...	...
China (Hong Kong SAR)	1997	19.4	47.8	7.8	20.7	63.3	53.4	45.9	14.8	16.2	23.4	21.9	30.5	30.7
China (Macao SAR)	1997	11.1	12.7	5.3	8.7	57.2	62.3	74.2	20.4	10.0	17.6	22.4	27.7	8.1
China (Taiwan Province)	1996	18.5	24.0	10.0	13.5	40.5	47.9	51.5	32.2	27.2	27.2	27.2	25.0	21.3
Colombia	1997	16.2	36.8	2.7	6.0	44.7	40.8	40.9	9.1	10.7	9.6	46.2	48.4	49.5
Costa Rica	1997	...	...	2.8	3.9	63.8	64.8	64.4	...	...	...	...	...	...
Croatia	1996	19.7	...	4.4	3.8	45.7	...	...	12.2	...	...	42.1	...	...
Cyprus	1998	17.2	21.5	8.2	10.9	67.3	65.9	59.9	15.7	19.3	20.3	17.0	14.8	19.8
Ecuador	1998	13.6	35.6	3.6	2.7	63.7	57.8	57.1	9.5	4.8	3.3	26.8	37.5	39.7
Egypt	1997	3.0	3.9	2.0	1.7	71.3	66.7	62.0	19.0	15.3	16.7	9.7	18.0	21.3
El Salvador	1998	...	7.5	...	2.5	...	...	34.2	...	...	21.9	...	...	43.8
Ethiopia	1998	...	5.0	...	0.8	...	33.3	28.7	...	11.8	10.9	...	54.9	60.4
Guatemala	1998	...	...	...	2.7	...	...	...	...	0.6	3.9	...	...	...
India	1997	2.1	3.8	1.0	1.2	77.8	75.4	76.0	11.0	8.4	7.9	11.2	16.1	16.0
Indonesia	1996	4.6	14.0	1.0	2.1	70.2	56.9	51.1	6.5	10.3	7.5	23.2	32.8	41.4
Jordan	1997	6.0	6.6	2.9	2.4	71.9	71.2	57.9	13.7	12.5	15.3	14.4	16.3	26.8

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Glass (362)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Kuwait	1997	26.9	26.2	5.2	9.9	58.7	43.5	48.8	8.0	19.8	19.3	33.3	36.8	31.9
Malaysia	1997	20.2	37.7	4.8	6.6	50.7	61.6	53.5	11.7	6.9	8.1	37.6	31.4	38.4
Malta	1996	15.8	16.6	8.6	10.3	51.2	47.6	47.9	26.5	30.7	32.3	22.4	21.6	19.7
Mauritius	1997	4.0	7.8	3.0	4.7	50.0	41.7	52.9	38.3	49.0	28.4	11.7	9.4	18.7
Morocco	1998	...	13.3	...	4.3	...	64.0	56.5	...	16.3	13.9	...	19.8	29.6
Oman	1998	...	21.3	...	5.6	...	56.4	49.3	...	13.3	13.3	...	30.3	37.3
Pakistan	1996	...	5.8	...	1.7	...	...	57.5	...	...	12.9	...	...	29.7
Panama	1998	31.9	12.2	4.7	3.4	37.2	...	66.5	9.2	...	9.3	53.5	...	24.3
Puerto Rico	1997	...	...	24.8	29.4	...	...	...	...	...	...	...	...	...
Republic of Korea	1997	38.9	78.3	12.1	19.6	41.9	39.8	44.2	18.1	14.9	14.0	40.0	45.3	41.8
Tunisia	1998	...	...	...	...	59.3	58.1	58.0	13.8	14.6	14.8	27.0	27.3	27.2
Turkey	1997	35.1	44.8	10.3	14.2	42.5	43.0	48.9	16.8	15.0	16.3	40.7	42.0	34.8
Uruguay	1997	16.4	17.9	4.0	9.5	43.7	43.2	52.1	13.7	22.9	25.5	42.7	33.9	22.4
Venezuela	1996	17.6	43.2	4.1	3.6	42.6	34.0	34.2	13.4	8.2	5.5	44.1	57.8	60.3
Yugoslavia	1998	...	3.9	...	0.9	...	51.1	61.8	...	16.3	8.9	...	32.6	29.3

a/ At current prices.

TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Other non-metallic mineral prods. (369)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
<b>Industrialized countries b/</b>														
Australia	1996	65.7	62.6	22.9	26.9	57.7	...	67.5	14.8	13.9	14.0	27.6	...	18.5
Denmark	1998	64.9	...	32.4	36.7	40.7	...	...	29.6	...	...	29.7	...	...
Finland	1998	67.5	66.9	29.0	26.4	52.8	61.3	58.8	20.3	20.0	16.3	26.9	18.7	25.0
France	1998	84.4	66.4	45.7	27.2	55.7	54.6	60.6	24.0	...	16.2	20.4	...	23.3
Iceland	1996	49.9	57.8	30.8	33.0	54.1	55.7	57.6	28.3	25.4	24.2	17.6	18.9	18.2
Japan	1998	84.3	89.5	26.2	16.9	50.2	52.4	53.2	15.5	8.9	8.8	34.3	38.7	38.0
Norway	1998	59.2	69.7	31.6	36.3	63.5	63.8	66.5	19.5	19.2	17.5	17.0	17.0	16.0
Spain	1998	52.5	49.6	17.3	19.7	55.5	60.8	62.5	14.7	16.2	14.9	29.8	23.0	22.6
United Kingdom	1997	73.0	60.4	23.8	28.8	46.0	59.1	60.1	17.6	17.9	19.0	36.4	22.9	20.9
<b>Countries of eastern Europe and the former USSR</b>														
Bulgaria	1996	...	3.1	2.0	1.2	...	59.3	71.3	10.2	13.2	10.7	...	27.5	18.0
Czech Republic	1998	...	16.1	2.3	4.8	...	...	62.9	...	...	11.1	...	...	26.0
Latvia	1998	...	9.6	...	2.7	...	51.1	57.8	...	...	11.9	...	...	30.3
Lithuania	1998	...	...	...	2.9	...	...	...	...	...	21.3	...	...	...
Russian Federation	1998	...	3.1	...	1.3	...	61.0	60.7	...	13.1	16.5	...	26.0	22.9
Slovakia	1998	...	9.9	...	3.7	...	...	68.3	...	...	12.0	...	...	19.7
Ukraine	1998	...	...	1.7	0.7	...	...	...	22.4	11.4	14.1	...	...	...
<b>Developing countries</b>														
Bolivia	1998	11.5	16.9	2.1	3.7	52.9	50.3	56.5	8.7	8.0	9.6	38.3	41.7	33.9
Cameroon	1998	42.5	40.1	17.9	13.8	...	57.4	70.1	...	11.4	10.3	...	31.2	19.6
Chile	1997	37.0	76.2	6.8	14.1	47.3	44.9	46.6	9.7	10.1	9.9	43.0	44.9	43.5
China	1998	...	...	...	...	68.4	70.2	71.4	...	...	...	...	...	...
China (Hong Kong SAR)	1997	35.3	...	14.0	...	82.6	76.8	72.4	6.9	7.8	7.2	10.5	15.4	20.5
China (Macao SAR)	1997	5.6	25.1	3.7	10.7	65.5	78.4	81.8	22.5	7.3	7.7	12.0	14.3	10.5
China (Taiwan Province)	1996	32.5	40.2	10.5	15.3	56.4	67.1	67.0	14.1	12.5	12.6	29.5	20.4	20.4
Colombia	1997	16.5	44.5	2.5	5.1	48.5	46.2	40.9	7.7	7.0	6.7	43.8	46.8	52.3
Costa Rica	1997	...	...	2.9	4.8	61.3	64.2	65.3	...	...	...	...	...	...
Côte d'Ivoire	1997	...	39.7	...	12.0	9.0	87.4	86.5	...	3.5	4.1	...	9.1	9.4
Croatia	1996	11.9	...	4.1	4.3	52.2	...	...	16.6	...	...	31.2	...	...
Cyprus	1998	28.8	39.1	12.7	17.9	58.0	58.9	57.9	18.6	21.5	19.3	23.4	19.6	22.8
Ecuador	1998	12.7	24.6	4.4	4.4	61.8	66.9	60.2	13.3	5.5	7.2	24.9	27.6	32.6
Egypt	1997	6.4	8.2	2.1	2.4	64.6	63.3	64.5	11.5	10.5	10.4	23.9	26.2	25.2
El Salvador	1998	...	24.9	...	5.6	...	46.8	45.8	...	8.9	12.2	...	44.3	41.9
Ethiopia	1998	5.4	5.5	1.3	0.7	53.0	52.7	50.2	11.1	6.4	6.4	35.9	41.0	43.4
Guatemala	1998	...	...	...	2.0	...	...	...	...	0.5	2.4	...	...	...
Honduras	1996	8.7	...	3.4	...	64.0	65.0	67.6	14.3	9.5	8.8	21.8	25.5	23.6

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Other non-metallic mineral prods. (369)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
India	1997	3.2	3.5	0.9	1.0	75.5	73.7	78.5	6.9	6.2	6.5	17.6	20.0	15.0
Jordan	1997	14.2	14.1	2.6	3.3	46.5	52.7	52.8	9.9	10.8	11.1	43.6	36.4	36.1
Kenya	1998	7.8	6.1	2.6	3.0	76.0	74.5	78.6	8.1	9.8	10.6	15.9	15.7	10.8
Kuwait	1997	16.1	26.0	5.2	8.0	72.1	60.4	64.0	8.9	10.8	11.1	19.0	28.8	24.8
Malawi	1998	1.8	11.1	1.1	1.9	90.2	55.9	51.4	6.0	12.6	8.4	3.8	31.4	40.2
Malaysia	1997	17.6	24.7	3.6	5.9	53.2	58.9	63.2	9.6	8.9	8.8	37.2	32.3	28.0
Malta	1996	21.9	19.4	8.7	10.5	66.8	58.6	59.2	13.2	20.0	22.2	20.0	21.5	18.6
Mauritius	1997	8.5	18.6	2.5	5.2	62.7	63.9	54.3	10.8	13.3	12.6	26.5	22.8	33.1
Morocco	1998	...	15.7	...	7.0	...	50.2	44.5	...	14.4	24.8	...	35.4	30.7
Nepal	1996	0.6	0.6	0.2	0.2	39.4	...	45.4	18.0	...	18.8	42.6	...	35.7
Oman	1998	...	24.5	...	5.4	...	45.4	43.1	...	11.4	12.5	...	43.2	44.5
Pakistan	1996	...	26.6	...	3.4	...	...	43.7	...	...	7.2	...	...	49.1
Panama	1998	12.2	24.2	5.5	6.0	55.5	...	70.7	19.9	...	7.3	24.5	...	22.0
Puerto Rico	1997	...	...	...	32.9	...	...	...	...	...	...	...	...	...
Republic of Korea	1997	44.5	83.7	10.0	17.1	54.8	52.3	55.7	10.2	10.4	9.1	35.0	37.2	35.2
Senegal	1997	63.5	50.0	8.6	7.8	54.1	64.9	69.5	6.2	5.7	4.7	39.7	29.4	25.8
Singapore	1998	34.1	63.6	11.1	20.1	68.8	69.0	69.1	10.2	8.6	9.8	21.1	22.3	21.2
Tunisia	1998	...	...	...	...	63.2	68.1	68.4	17.7	10.5	10.4	19.1	21.4	21.3
Turkey	1997	29.9	37.0	7.2	6.3	44.6	49.0	47.5	13.3	9.3	8.9	42.0	41.8	43.5
Uruguay	1997	10.2	25.9	3.2	7.1	58.1	44.8	46.0	13.1	15.3	14.9	28.8	39.9	39.1
Venezuela	1996	13.8	23.9	4.0	3.0	47.5	44.1	46.7	15.4	8.6	6.6	37.2	47.3	46.7
Yugoslavia	1998	...	6.0	...	1.7	...	56.2	51.7	...	12.9	13.6	...	30.9	34.7

a/ At current prices.

TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Iron and steel (371)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
		1990	LY	1990	LY	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1990	1995	LY	1990	1995	LY	1990	1995	LY
<b>Industrialized countries b/</b>														
Belgium	1997	55.1	...	...	...	68.9	65.0	65.1	...	...	...	...	...	...
Denmark	1998	64.4	...	30.4	35.0	53.6	...	...	21.9	...	...	24.5	...	...
Finland	1998	66.4	72.2	32.2	32.3	73.7	70.7	76.9	12.7	9.2	10.3	13.5	20.1	12.7
France	1998	44.8	59.1	26.1	29.0	68.8	69.2	75.9	18.2	...	11.8	13.0	...	12.3
Iceland	1996	44.9	...	36.6	48.8	77.0	59.8	62.3	18.8	13.9	13.3	4.3	26.3	24.5
Japan	1998	143.6	133.1	38.6	38.3	61.6	64.7	66.1	10.3	10.2	9.7	28.1	25.0	24.2
Spain	1998	49.0	63.1	23.9	26.0	69.0	70.5	73.6	15.1	10.6	10.9	15.9	18.9	15.5
United Kingdom	1997	53.3	57.1	24.0	32.6	60.9	68.4	71.3	17.6	13.7	16.4	21.5	17.9	12.3
<b>Countries of eastern Europe and the former USSR</b>														
Bulgaria	1996	...	3.0	2.5	1.8	...	78.9	87.0	8.9	7.7	7.7	...	13.3	5.3
Czech Republic	1998	...	12.0	2.6	5.2	...	...	79.5	...	...	9.0	...	...	11.5
Latvia	1996	...	5.9	...	...	...	78.4	76.4	...	...	...	...	...	...
Lithuania	1998	...	...	...	2.9	...	...	...	...	...	27.0	...	...	...
Russian Federation	1998	...	5.3	...	1.7	...	70.6	69.8	...	5.8	9.4	...	23.6	20.9
Slovakia	1998	...	10.4	...	5.0	...	...	88.0	...	...	5.7	...	...	6.3
Ukraine	1998	...	...	2.0	1.4	...	...	...	8.7	4.1	6.7	...	...	...
<b>Developing countries</b>														
Bolivia	1998	3.6	8.8	1.3	1.8	70.3	66.4	69.0	10.7	2.2	6.2	18.9	31.4	24.8
Chile	1997	35.8	77.9	7.4	19.4	55.5	62.4	55.3	9.2	9.7	11.1	35.3	27.9	33.5
China	1998	...	...	...	...	75.8	71.2	74.7	...	...	...	...	...	...
China (Hong Kong SAR)	1997	29.1	52.5	11.7	26.7	78.1	71.2	59.9	8.8	9.4	20.4	13.1	19.4	19.7
China (Taiwan Province)	1996	44.2	53.5	14.4	18.4	65.4	68.6	68.0	11.3	10.7	11.0	23.3	20.7	21.0
Colombia	1997	30.2	39.0	2.8	6.5	55.9	57.9	58.3	4.2	5.7	7.0	39.9	36.4	34.7
Costa Rica	1997	...	...	1.9	4.3	...	...	...	...	...	...	...	...	...
Croatia	1996	21.4	...	5.1	3.4	67.8	...	...	7.7	...	...	24.5	...	...
Ecuador	1998	12.7	19.9	4.5	2.8	82.6	89.1	82.7	6.2	2.9	2.4	11.2	8.1	14.9
Egypt	1997	6.1	6.5	2.9	3.5	76.6	78.3	76.4	10.9	12.5	12.5	12.4	9.3	11.0
El Salvador	1998	...	12.7	...	3.5	...	74.8	69.3	...	5.1	8.4	...	20.1	22.3
Ethiopia	1998	5.4	10.1	2.5	1.3	83.8	57.2	71.4	7.5	3.3	3.7	8.7	39.5	24.9
Guatemala	1998	...	...	...	0.8	...	...	...	...	0.6	1.6	...	...	...
Honduras	1996	9.5	...	1.6	...	72.3	78.6	81.3	4.7	6.6	5.7	23.0	14.8	12.9
India	1997	5.5	9.8	1.9	2.2	83.7	82.8	77.9	5.7	5.8	4.9	10.6	11.4	17.2
Indonesia	1997	41.1	39.3	1.1	2.7	56.4	58.2	67.9	1.2	2.9	2.2	42.4	38.9	29.9
Jordan	1997	34.6	25.0	4.2	4.5	72.3	73.8	73.5	3.4	4.6	4.8	24.4	21.5	21.7
Kuwait	1997	16.4	21.1	4.8	7.9	63.5	54.3	58.7	10.7	11.6	15.5	25.8	34.1	25.8
Malaysia	1997	21.0	24.8	4.4	6.8	80.4	89.6	81.8	4.1	4.5	5.0	15.5	5.9	13.2

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Iron and steel (371)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Morocco	1998	...	57.3	...	9.2	...	76.3	72.5	...	2.9	4.4	...	20.8	23.1
Nepal	1996	5.3	6.4	0.6	0.5	78.8	...	80.0	2.3	...	1.5	18.9	...	18.5
Oman	1998	...	39.4	...	4.7	...	...	9.8	...	...	10.8	...	...	79.4
Pakistan	1996	...	7.4	...	3.7	...	...	67.1	...	...	16.3	...	...	16.6
Panama	1997	...	18.0	...	10.0	...	...	87.3	...	...	7.0	...	...	5.7
Republic of Korea	1997	70.1	119.4	13.5	20.6	64.4	63.0	66.0	6.8	6.2	5.9	28.8	30.8	28.1
Singapore	1998	56.0	58.1	15.6	26.0	69.8	73.9	71.1	8.4	11.5	12.9	21.8	14.6	16.0
The f.Yugosl.Rep.of Macedonia	1996	9.8	4.7	5.8	4.0	74.7	73.4	79.9	15.1	24.3	16.8	10.2	2.4	3.2
Tunisia	1998	...	...	...	...	80.5	79.2	79.2	9.2	11.0	11.4	10.3	9.8	9.5
Turkey	1997	22.5	52.3	9.5	9.9	76.0	76.1	68.9	10.1	6.7	5.9	13.9	17.2	25.2
Uruguay	1997	26.1	67.1	4.1	11.6	46.1	52.7	61.0	8.4	8.3	6.7	45.5	39.0	32.3
Venezuela	1996	18.4	47.1	7.6	9.9	66.0	52.6	51.1	14.1	14.7	10.3	19.9	32.7	38.6
Yugoslavia	1998	...	3.5	...	1.3	...	71.1	87.3	...	11.8	4.9	...	17.1	7.8

a/ At current prices.



TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Non-ferrous metals (372)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
<b>Industrialized countries b/</b>														
Belgium	1997	95.0	...	...	...	76.3	75.9	76.0	...	...	...	...	...	...
Denmark	1998	39.1	...	28.7	37.2	60.4	...	...	29.1	...	...	10.5	...	...
Finland	1998	84.4	61.3	32.8	31.5	81.4	88.2	85.3	7.2	6.3	7.6	11.4	5.5	7.1
France	1998	93.9	50.7	48.7	26.4	70.1	66.4	78.4	15.5	...	11.2	14.4	...	10.3
Iceland	1996	55.4	84.8	39.9	38.5	78.1	75.3	75.2	15.7	10.7	11.2	6.1	14.0	13.5
Japan	1998	97.4	100.2	32.1	32.0	69.1	70.4	71.4	10.2	9.5	9.1	20.7	20.1	19.5
Norway	1998	79.2	105.8	36.0	42.4	77.1	74.4	75.4	10.4	9.3	9.9	12.5	16.3	14.8
Spain	1998	58.9	61.8	23.3	25.3	73.7	74.5	76.7	10.4	10.4	9.5	15.9	15.1	13.8
United Kingdom	1997	46.9	57.0	24.1	28.9	73.7	74.7	73.1	13.5	11.2	13.7	12.8	14.2	13.2
<b>Countries of eastern Europe and the former USSR</b>														
Bulgaria	1996	...	14.2	2.4	1.9	...	49.9	56.6	7.7	6.2	5.7	...	43.9	37.8
Czech Republic	1998	...	13.3	2.3	4.8	...	...	83.5	...	...	5.9	...	...	10.6
Latvia	1996	...	5.3	...	...	...	75.2	69.1	...	...	...	...	...	...
Lithuania	1998	...	...	...	0.8	...	...	...	...	...	13.8	...	...	...
Russian Federation	1998	...	...	...	3.5	...	48.9	39.6	...	7.8	10.3	...	43.3	50.1
Slovakia	1998	...	12.5	...	4.2	...	...	80.5	...	...	6.5	...	...	13.0
Ukraine	1998	...	...	...	1.3	...	...	...	...	4.2	12.1	...	...	...
<b>Developing countries</b>														
Cameroon	1998	36.7	44.6	16.7	12.8	...	82.6	77.2	...	7.8	6.5	...	9.6	16.2
China	1998	...	...	...	...	80.8	78.0	79.6	...	...	...	...	...	...
China (Hong Kong SAR)	1997	25.0	58.6	11.9	25.8	88.1	88.4	91.4	5.7	4.6	3.8	6.2	7.0	4.8
China (Taiwan Province)	1996	34.7	40.9	11.4	14.9	78.2	79.8	78.6	7.1	7.5	7.8	14.6	12.7	13.6
Colombia	1997	25.3	34.8	2.7	5.9	56.9	68.1	61.1	4.6	6.5	6.6	38.5	25.4	32.3
Croatia	1996	19.0	...	5.3	3.2	62.1	...	...	10.5	...	...	27.3	...	...
Ecuador	1998	8.2	20.7	4.6	2.6	89.8	78.2	75.7	5.7	6.1	3.0	4.5	15.7	21.3
Egypt	1997	8.5	5.1	2.7	2.9	74.2	71.2	80.4	8.3	8.6	11.0	17.5	20.2	8.6
Guatemala	1998	...	...	...	2.1	...	...	...	...	...	4.1	...	...	...
Honduras	1996	3.5	...	1.7	...	58.2	55.2	35.5	20.5	22.8	32.9	21.3	22.0	31.6
India	1997	4.1	4.4	1.5	1.5	82.3	78.9	82.4	6.4	6.0	6.1	11.4	15.0	11.5
Indonesia	1998	25.8	9.9	1.2	1.0	71.6	65.9	67.6	1.3	3.5	3.4	27.1	30.7	29.0
Jordan	1997	29.6	11.4	3.8	4.9	55.8	75.3	77.7	5.7	5.8	9.6	38.5	18.9	12.7
Malaysia	1997	13.1	33.7	3.8	7.2	86.3	79.7	76.0	4.0	4.9	5.1	9.7	15.4	18.9
Morocco	1998	...	14.6	...	5.8	...	77.2	78.0	...	9.2	8.8	...	13.7	13.2
Oman	1998	...	41.1	...	12.2	...	44.3	45.6	...	12.2	16.1	...	43.5	38.3
Pakistan	1996	...	3.5	...	1.3	...	...	80.3	...	...	7.4	...	...	12.3
Panama	1998	...	10.9	...	5.2	...	...	84.5	...	...	7.4	...	...	8.1

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Non-ferrous metals (372)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output <sup>a/</sup>								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Republic of Korea	1997	36.9	76.8	10.6	17.6	74.1	70.8	74.9	7.4	6.6	5.8	18.5	22.6	19.4
Singapore	1998	49.8	34.3	14.3	17.4	65.9	47.1	52.0	9.8	20.1	24.4	24.3	32.8	23.6
Turkey	1997	28.9	30.5	7.4	9.6	62.7	63.9	74.5	9.6	6.6	8.1	27.7	29.5	17.4
Uruguay	1997	12.9	45.0	3.4	13.6	52.0	57.2	59.8	12.6	11.7	12.2	35.4	31.1	28.0
Venezuela	1996	52.2	68.5	5.9	6.7	51.3	41.0	47.2	5.5	4.1	5.2	43.2	54.9	47.6
Yugoslavia	1998	...	5.2	...	2.1	...	65.4	81.0	...	7.4	7.9	...	27.2	11.1

a/ At current prices.

TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Metal products (381)															
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/									
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus			
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY	
Industrialized countries b/															
Denmark	1998	40.3	...	29.0	32.9	49.5	...	...	36.3	...	...	14.1	...	...	
Finland	1998	55.2	51.7	28.1	26.1	54.1	63.0	59.5	23.4	19.4	20.4	22.5	17.6	20.0	
France	1998	56.7	42.1	37.9	23.4	51.8	50.4	62.3	32.2	...	21.0	16.0	...	16.7	
Iceland	1996	40.0	49.0	28.1	36.2	50.6	61.7	62.6	34.7	27.4	27.6	14.8	10.9	9.7	
Japan	1998	70.8	78.3	26.6	19.3	54.5	54.6	55.2	17.1	10.9	11.0	28.4	34.6	33.8	
New Zealand	1996	25.1	41.0	15.7	24.3	67.3	60.6	60.4	20.5	22.8	23.5	12.2	16.5	16.1	
Norway	1998	36.9	51.7	27.6	34.1	62.7	59.7	60.5	27.8	26.8	26.1	9.5	13.5	13.4	
Spain	1998	37.4	34.2	17.6	18.4	59.7	63.1	62.4	19.0	19.9	20.2	21.3	17.1	17.4	
United Kingdom	1997	44.3	47.8	21.6	26.7	51.9	57.5	54.1	23.5	25.7	25.6	24.7	16.7	20.3	
Countries of eastern Europe and the former USSR															
Bulgaria	1998	...	...	1.9	1.2	...	...	...	15.1	15.7	13.6	...	...	...	
Czech Republic	1998	...	8.6	2.1	4.2	...	...	71.3	...	...	14.2	...	...	14.6	
Latvia	1998	...	7.8	...	2.3	...	50.5	59.2	...	...	12.1	...	...	28.7	
Lithuania	1998	...	...	...	2.7	...	...	...	...	...	23.9	...	...	...	
Russian Federation	1998	...	2.9	...	1.0	...	53.1	54.4	...	15.4	16.5	...	31.5	29.2	
Slovakia	1998	...	6.4	...	3.5	...	...	73.8	...	...	14.5	...	...	11.8	
Ukraine	1998	...	...	...	0.7	...	...	...	...	13.8	17.9	...	...	...	
Developing countries															
Bolivia	1998	6.1	8.9	1.3	2.5	71.1	63.0	67.3	6.0	9.5	9.2	22.9	27.5	23.5	
Cameroon	1998	...	16.3	...	5.6	...	64.3	67.2	...	20.5	11.2	...	15.2	21.6	
Chile	1997	17.2	30.0	4.5	9.7	57.6	57.8	55.9	11.1	13.3	14.3	31.2	28.9	29.8	
China	1998	...	...	...	...	73.0	76.7	76.6	...	...	...	...	...	...	
China (Hong Kong SAR)	1997	16.6	31.3	8.9	18.3	68.7	76.4	69.0	16.8	13.4	18.1	14.4	10.2	12.8	
China (Macao SAR)	1997	9.0	12.9	4.5	7.3	56.8	61.8	54.7	21.7	21.0	25.6	21.4	17.2	19.8	
China (Taiwan Province)	1996	13.2	21.0	9.5	13.4	63.8	66.2	62.1	26.2	24.4	24.2	10.0	9.4	13.6	
Colombia	1997	9.8	19.2	2.1	4.3	59.9	53.4	51.6	8.6	10.6	10.8	31.5	36.0	37.5	
Costa Rica	1997	...	...	2.6	3.9	76.9	77.3	76.7	...	...	...	...	...	...	
Côte d'Ivoire	1997	...	22.8	...	10.9	...	79.4	77.5	...	8.4	10.7	...	12.2	11.8	
Croatia	1996	7.8	...	3.4	3.7	54.5	...	...	19.8	...	...	25.7	...	...	
Cyprus	1998	20.3	27.2	9.1	12.9	65.4	65.9	62.0	15.5	20.7	17.9	19.2	13.4	20.0	
Ecuador	1998	6.6	16.2	2.8	2.9	70.5	75.0	63.1	12.4	8.9	6.6	17.1	16.0	30.3	
Egypt	1997	2.9	3.0	1.9	2.0	77.3	45.7	76.0	15.0	9.4	15.7	7.7	44.9	8.2	
El Salvador	1998	...	9.4	...	3.5	...	...	64.7	...	...	13.1	...	...	22.2	
Ethiopia	1998	5.0	2.8	2.6	0.9	54.3	55.0	54.1	23.7	13.3	14.7	22.1	31.6	31.1	
Fiji	1998	7.2	...	3.3	10.4	78.5	...	...	9.9	...	...	11.6	...	...	
Guatemala	1998	...	...	...	1.2	...	...	...	...	0.8	2.1	...	...	...	

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Metal products (381)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Honduras	1996	7.3	...	2.6	...	69.5	77.0	79.3	10.7	9.9	8.8	19.8	13.2	11.9
India	1997	2.7	3.1	1.3	1.3	81.6	78.2	83.2	8.6	7.8	7.4	9.7	14.0	9.4
Indonesia	1998	5.0	3.5	0.8	0.6	70.6	63.3	65.6	4.8	8.7	6.1	24.6	28.0	28.3
Jordan	1997	6.6	5.3	2.2	2.3	60.8	67.3	67.6	13.3	11.6	13.7	25.9	21.1	18.6
Kenya	1998	5.4	5.0	1.9	2.4	82.6	83.6	84.6	6.0	6.2	7.3	11.3	10.2	8.1
Kuwait	1997	9.5	17.3	4.7	7.3	45.0	54.0	56.5	27.2	18.6	18.3	27.8	27.4	25.2
Malawi	1998	8.3	8.2	1.0	1.4	57.8	51.1	51.6	5.2	12.2	8.5	37.1	36.7	39.9
Malaysia	1997	9.6	17.2	3.3	5.9	73.5	70.7	68.6	9.0	10.3	10.7	17.6	18.9	20.6
Mauritius	1997	12.4	11.1	2.8	4.7	50.9	61.5	43.0	11.2	22.0	24.0	37.9	16.5	32.9
Morocco	1998	9.9	10.1	5.2	4.8	74.3	77.0	72.4	13.4	12.9	13.2	12.3	10.1	14.4
Nepal	1996	2.8	4.1	0.5	0.5	66.1	...	70.8	6.2	...	3.7	27.7	...	25.5
Oman	1998	...	14.4	...	4.4	...	51.9	47.2	...	18.8	16.1	...	29.3	36.7
Pakistan	1996	...	6.4	...	2.0	...	...	68.9	...	...	9.8	...	...	21.3
Panama	1998	15.8	7.7	5.0	3.5	68.0	...	84.3	10.0	...	7.1	22.0	...	8.6
Puerto Rico	1997	...	...	22.2	21.6	72.1	67.3	67.3	18.1	15.8	14.6	9.8	16.9	18.1
Republic of Korea	1997	29.3	53.7	9.4	16.3	57.7	56.8	54.9	13.6	14.3	13.7	28.7	28.9	31.4
Saint Lucia	1997	...	...	...	...	...	77.1	71.9	...	8.2	7.8	...	14.7	20.4
Senegal	1997	14.0	6.5	5.2	1.4	70.3	70.6	74.1	11.1	6.5	5.5	18.6	22.8	20.4
Singapore	1998	25.7	35.9	10.9	17.1	65.2	65.2	65.0	14.8	15.0	16.6	20.0	19.8	18.4
The f. Yugosl. Rep. of Macedonia	1996	8.2	4.0	4.5	3.6	48.1	50.6	63.7	28.4	29.9	33.0	23.5	19.5	3.2
Turkey	1997	22.4	25.9	5.6	6.2	55.6	59.9	58.8	11.1	7.7	9.9	33.3	32.4	31.2
Uruguay	1997	9.8	16.0	3.0	7.3	52.8	48.9	55.7	14.6	19.4	20.2	32.7	31.7	24.1
Venezuela	1996	9.8	14.2	3.2	3.1	64.5	57.0	58.1	11.6	10.3	9.0	23.9	32.6	32.8
Yugoslavia	1998	...	4.5	...	0.9	...	51.3	53.7	...	13.0	9.6	...	35.7	36.7

a/ At current prices.

TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Non-electrical machinery (382)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Industrialized countries b/														
Denmark	1998	37.8	...	30.2	36.8	46.8	...	...	42.5	...	...	10.7	...	...
France	1998	56.4	55.5	38.0	29.4	60.0	65.2	67.1	26.9	...	17.4	13.1	...	15.5
Japan	1998	90.0	91.0	31.1	29.5	57.9	63.0	66.6	14.6	11.4	10.8	27.6	25.6	22.6
New Zealand	1996	27.0	74.4	17.0	38.6	64.2	61.3	61.1	22.5	19.2	20.2	13.3	19.5	18.7
Spain	1998	41.1	45.0	20.6	23.2	59.5	63.9	65.4	20.3	19.6	17.8	20.2	16.5	16.8
United Kingdom	1997	53.7	56.5	24.4	30.8	54.0	68.2	65.7	20.9	17.4	18.7	25.1	14.5	15.6
Countries of eastern Europe and the former USSR														
Bulgaria	1998	...	...	...	1.3	...	...	...	...	...	20.2	...	...	...
Czech Republic	1998	...	9.2	2.3	4.5	...	...	73.2	...	...	13.2	...	...	13.6
Latvia	1996	...	4.5	...	...	...	44.7	50.6	...	...	...	...	...	...
Lithuania	1998	...	...	...	2.5	...	...	...	...	...	33.5	...	...	...
Russian Federation	1998	...	1.5	...	1.1	...	43.7	59.2	...	17.2	30.5	...	39.1	10.4
Slovakia	1998	...	4.8	...	3.3	...	...	72.6	...	...	18.7	...	...	8.7
Ukraine	1998	...	...	...	0.7	...	...	...	...	14.8	15.4	...	...	...
Developing countries														
Bolivia	1998	3.3	4.6	0.3	1.9	58.6	50.6	65.8	4.0	2.3	14.0	37.4	47.1	20.2
Chile	1997	13.6	32.6	7.3	15.0	62.5	57.1	61.9	20.0	16.5	17.6	17.5	26.4	20.5
China	1998	...	...	...	...	71.1	72.9	73.7	...	...	...	...	...	...
China (Hong Kong SAR)	1997	22.1	45.0	9.9	21.5	71.8	76.1	70.8	12.6	11.1	14.0	15.7	12.8	15.3
China (Macao SAR)	1997	9.4	21.9	4.5	8.0	39.5	47.6	32.8	29.2	36.6	24.7	31.3	15.8	42.5
China (Taiwan Province)	1996	17.6	24.2	10.3	14.9	65.6	70.9	70.1	20.1	19.9	18.4	14.2	9.2	11.5
Colombia	1997	7.8	16.4	1.8	4.3	65.2	53.8	52.6	8.2	12.2	12.4	26.7	33.9	34.9
Costa Rica	1997	...	...	3.0	4.4	66.0	67.7	67.7	...	...	...	...	...	...
Côte d'Ivoire	1997	...	11.7	...	8.4	...	...	...	...	...	...	...	...	...
Croatia	1996	11.8	...	4.5	3.9	53.4	...	...	17.7	...	...	28.8	...	...
Cyprus	1998	17.6	25.6	9.5	13.1	58.5	54.7	51.5	22.5	27.7	24.9	19.1	17.6	23.6
Ecuador	1998	4.0	8.7	2.0	2.2	70.6	71.8	76.2	14.9	7.3	6.0	14.6	20.8	17.8
Egypt	1997	3.6	6.2	2.2	2.5	75.6	66.2	72.8	14.9	12.1	10.9	9.5	21.7	16.3
El Salvador	1998	...	5.4	...	3.4	...	76.7	64.9	...	15.1	22.0	...	8.2	13.1
Ethiopia	1998	...	1.6	...	0.5	...	52.5	51.9	...	27.6	14.2	...	19.9	33.9
Guatemala	1998	...	...	...	1.0	...	...	...	...	0.4	2.1	...	...	...
Honduras	1996	5.0	...	1.7	...	58.3	70.2	75.8	14.1	13.6	11.0	27.6	16.2	13.1
India	1997	4.3	5.0	1.9	1.9	77.8	76.1	78.5	9.6	8.2	8.4	12.6	15.7	13.2
Indonesia	1998	5.6	4.3	1.0	0.7	66.1	69.2	62.8	6.2	7.2	6.3	27.7	23.5	30.9
Jordan	1997	11.9	9.0	2.3	3.1	57.2	70.3	61.6	8.4	10.1	13.4	34.4	19.5	25.0
Kenya	1997	3.5	3.6	1.5	2.0	...	...	...	...	...	...	...	...	...

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Non-electrical machinery (382)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Kuwait	1997	4.0	11.0	3.2	6.8	40.5	37.8	48.4	47.5	35.5	31.6	12.0	26.7	20.0
Malaysia	1997	13.1	24.8	3.6	6.2	68.0	74.2	73.6	8.7	7.1	6.6	23.3	18.7	19.8
Malta	1996	13.1	16.2	9.7	14.0	46.8	65.1	70.0	39.3	21.9	25.8	13.9	13.0	4.2
Mauritius	1997	7.8	7.0	3.7	4.9	46.1	65.5	62.4	25.4	19.4	26.2	28.5	15.1	11.4
Morocco	1998	...	8.1	3.9	4.7	...	67.6	68.7	15.1	18.2	18.2	...	14.2	13.1
Oman	1998	...	22.7	...	6.7	...	63.3	54.6	...	7.8	13.3	...	28.8	32.2
Pakistan	1996	...	5.5	...	2.7	...	...	72.7	...	...	13.2	...	...	14.1
Puerto Rico	1997	...	...	25.3	38.8	67.5	80.4	76.4	4.2	3.2	2.4	28.3	16.4	21.2
Republic of Korea	1997	33.5	59.9	10.3	17.4	56.8	59.5	61.6	13.3	12.2	11.2	29.9	28.2	27.2
Senegal	1997	4.2	5.5	3.3	3.3	58.5	66.7	83.5	32.1	14.1	10.0	9.5	19.1	6.5
Singapore	1998	40.7	85.1	10.5	18.0	68.4	74.1	72.8	8.2	6.0	5.7	23.4	19.9	21.5
Tunisia	1998	...	...	...	...	85.2	84.3	83.9	12.6	11.6	11.5	2.2	4.1	4.6
Turkey	1997	27.7	32.6	6.8	8.1	57.2	61.1	60.9	10.5	8.3	9.8	32.3	30.6	29.3
Uruguay	1997	8.8	13.1	2.8	6.9	45.1	40.5	48.2	17.4	23.3	27.3	37.5	36.2	24.5
Venezuela	1996	12.6	15.7	3.5	2.8	57.9	58.1	51.6	11.8	11.0	8.8	30.3	30.9	39.6
Yugoslavia	1998	...	4.0	...	1.0	...	45.1	48.0	...	19.3	13.4	...	35.6	38.7

a/ At current prices.

TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Electrical machinery (383)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Industrialized countries b/														
Australia	1997	45.6	51.9	20.3	26.9	52.8	...	64.2	21.0	18.6	18.5	26.2	...	17.2
Denmark	1998	41.8	...	31.2	34.0	49.7	...	...	37.5	...	...	12.8	...	...
Finland	1998	64.3	...	28.5	30.1	52.3	68.0	64.3	21.1	13.6	10.2	26.6	18.3	25.5
France	1998	54.4	56.0	36.4	30.1	53.3	54.2	68.8	31.3	...	16.8	15.4	...	14.4
Japan	1998	73.4	81.0	25.5	31.4	60.3	63.5	66.0	13.8	13.2	13.2	25.9	23.3	20.8
Norway	1998	46.1	65.6	31.9	39.3	65.6	64.0	62.7	23.8	21.4	22.4	10.6	14.6	15.0
Spain	1998	54.6	46.3	22.2	23.2	60.0	65.7	68.7	16.3	17.3	15.7	23.7	16.9	15.6
United Kingdom	1997	43.8	56.6	22.1	28.3	53.5	64.2	62.1	23.5	18.2	19.0	23.0	17.6	19.0
Countries of eastern Europe and the former USSR														
Bulgaria	1996	...	2.1	1.7	1.0	...	61.5	74.7	13.7	13.1	11.5	...	25.4	13.8
Czech Republic	1998	...	9.3	2.1	4.3	...	...	70.7	...	...	13.5	...	...	15.8
Latvia	1996	...	3.2	...	...	...	56.3	55.0	...	...	...	...	...	...
Lithuania	1998	...	...	...	3.0	...	...	...	...	...	18.6	...	...	...
Russian Federation	1998	...	2.9	...	1.1	...	48.3	50.6	...	10.5	18.3	...	41.1	31.1
Slovakia	1998	...	6.2	...	3.1	...	...	74.1	...	...	13.0	...	...	12.9
Ukraine	1998	...	...	1.8	0.6	...	...	...	17.8	12.8	14.4	...	...	...
Developing countries														
Bolivia	1998	8.3	8.5	1.3	2.2	60.1	63.4	56.1	6.2	7.3	11.5	33.7	29.3	32.3
Cameroon	1998	13.0	46.5	8.8	7.3	76.7	76.2	32.2	15.8	16.6	10.7	7.5	7.2	57.1
Chile	1997	31.8	51.7	6.7	12.2	48.4	45.9	44.9	10.8	15.1	13.0	40.8	39.0	42.1
China	1998	...	...	...	...	74.2	75.8	76.5	...	...	...	...	...	...
China (Hong Kong SAR)	1997	17.2	53.4	9.2	20.3	76.1	65.4	65.2	12.7	12.7	13.2	11.2	22.0	21.6
China (Macao SAR)	1997	8.0	12.5	4.6	7.0	80.6	74.6	65.8	11.1	14.8	19.1	8.3	10.6	15.1
China (Taiwan Province)	1996	18.5	32.1	9.6	15.2	70.3	75.1	72.6	15.3	13.3	13.0	14.4	11.5	14.4
Colombia	1997	14.9	24.2	2.6	5.5	58.0	52.1	52.2	7.2	10.9	10.8	34.8	36.9	37.0
Costa Rica	1997	...	...	3.4	4.4	74.8	76.6	76.9	...	...	...	...	...	...
Côte d'Ivoire	1997	...	27.0	...	10.3	...	64.0	64.0	...	10.7	13.7	...	25.3	22.3
Croatia	1996	13.7	...	4.7	4.8	46.8	...	...	18.4	...	...	34.8	...	...
Cyprus	1998	17.0	22.3	9.2	12.2	64.1	63.6	60.7	19.4	23.2	21.6	16.5	13.1	17.7
Ecuador	1998	7.8	16.1	2.8	2.5	71.1	75.4	73.0	10.5	4.7	4.1	18.4	19.9	22.8
Egypt	1997	5.2	9.4	2.6	3.0	77.0	70.5	70.8	11.4	11.2	9.2	11.7	18.3	20.0
El Salvador	1998	...	8.2	...	3.2	...	...	71.0	...	...	11.3	...	...	17.7
Guatemala	1998	...	...	...	1.4	...	...	...	...	0.4	1.3	...	...	...
Honduras	1996	8.3	...	1.7	...	69.3	77.3	77.3	6.4	8.4	8.3	24.3	14.4	14.4
India	1997	5.2	6.1	1.9	2.0	77.4	77.3	78.7	8.4	7.5	7.1	14.2	15.1	14.1
Indonesia	1998	6.7	5.2	0.9	0.8	71.3	70.6	71.2	3.9	6.6	4.6	24.7	22.8	24.2

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Electrical machinery (383)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Jordan	1997	17.3	12.3	2.8	3.0	64.0	75.6	80.6	5.8	6.0	4.7	30.3	18.4	14.6
Kenya	1998	18.4	...	2.7	4.0	...	...	...	...	...	...	...	...	...
Kuwait	1997	49.9	39.4	6.5	9.2	26.6	65.5	62.2	9.6	9.9	8.8	63.8	24.6	29.0
Malaysia	1997	9.1	21.8	2.8	5.8	78.4	79.8	75.9	6.7	5.8	6.4	14.9	14.4	17.7
Malta	1996	25.1	56.7	10.8	14.7	88.6	85.6	80.2	4.9	3.9	5.1	6.5	10.5	14.6
Mauritius	1997	5.7	11.3	2.5	4.0	74.2	76.8	73.7	11.3	14.3	9.3	14.5	8.9	17.0
Morocco	1998	11.7	11.7	5.3	5.5	74.3	63.2	61.9	11.6	18.9	18.0	14.1	18.0	20.1
Nepal	1996	4.5	5.4	0.6	0.5	67.8	...	71.0	4.2	...	2.8	28.0	...	26.1
Oman	1998	...	25.6	...	6.0	...	61.3	70.0	...	9.0	7.0	...	29.6	23.0
Pakistan	1996	...	22.3	...	2.7	...	...	47.3	...	...	6.4	...	...	46.3
Puerto Rico	1997	...	...	26.2	22.7	61.4	69.6	68.6	12.4	8.7	10.3	25.2	21.7	21.1
Republic of Korea	1997	33.6	84.4	9.1	15.9	58.7	49.2	51.8	11.2	8.8	9.1	30.0	41.9	39.1
Saint Lucia	1997	...	...	...	...	...	35.0	63.3	...	20.0	14.3	...	45.0	22.4
Senegal	1997	8.1	10.3	5.5	3.8	83.9	85.1	79.9	10.8	10.4	7.4	5.3	4.5	12.7
Singapore	1998	26.6	60.2	9.8	21.1	72.8	69.9	69.2	10.1	8.9	10.8	17.2	21.2	20.0
Slovenia	1998	13.4	21.5	9.4	13.8	62.7	66.6	62.6	26.2	19.3	23.9	11.0	14.1	13.5
The f. Yugosl. Rep. of Macedonia	1996	11.3	4.9	5.4	3.8	55.1	79.5	72.1	21.6	20.2	21.5	23.4	0.3	6.4
Tunisia	1998	...	...	...	...	74.4	74.4	72.8	12.1	9.3	8.0	13.5	16.4	19.2
Turkey	1997	32.2	37.6	7.6	9.5	58.3	56.3	59.4	9.8	8.4	10.2	31.9	35.3	30.3
Uruguay	1997	14.6	20.0	3.6	8.5	55.1	49.2	58.6	11.0	16.4	17.7	33.9	34.4	23.8
Venezuela	1996	14.8	22.3	4.3	3.8	58.6	57.9	49.3	12.1	10.0	8.7	29.4	32.1	42.0
Yugoslavia	1998	...	6.0	...	1.0	...	57.9	62.2	...	9.1	6.4	...	33.1	31.4

a/ At current prices.



TABLE 1.11

## SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Transport equipment (384)														
Country or area	Latest year	Value added per employee		Wages and salaries per employee		Percentage in output a/								
		(current 1000 dollars)		(current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Industrialized countries b/														
Australia	1997	55.1	51.3	22.1	28.6	56.2	...	70.5	17.5	15.9	16.4	26.2	...	13.1
Denmark	1998	43.6	...	30.1	36.0	56.7	...	...	29.9	...	...	13.4	...	...
Finland	1998	50.7	48.8	30.8	28.6	63.6	66.2	69.5	22.1	21.8	17.9	14.3	12.0	12.6
France	1998	53.4	65.1	35.2	29.2	68.8	69.7	77.1	20.6	...	10.2	10.6	...	12.6
Iceland	1996	31.9	47.4	26.7	38.4	41.3	46.0	45.2	49.1	44.8	44.3	9.5	9.2	10.4
Japan	1998	102.9	113.5	33.7	39.1	70.3	71.9	71.3	9.7	9.8	9.9	20.0	18.3	18.8
New Zealand	1996	19.2	58.4	13.4	37.5	74.4	72.2	69.1	17.8	18.7	19.9	7.8	9.1	11.0
Norway	1998	43.2	54.6	30.2	38.2	69.2	66.3	74.4	21.6	24.8	17.9	9.3	8.9	7.7
Spain	1998	51.2	52.7	23.3	24.4	70.8	75.2	77.1	13.3	12.2	10.6	15.9	12.7	12.3
United Kingdom	1997	54.2	63.6	25.9	34.7	58.7	71.5	68.8	19.7	15.7	17.0	21.6	12.8	14.2
Countries of eastern Europe and the former USSR														
Bulgaria	1998	...	...	2.0	1.7	...	...	...	12.4	18.4	16.8	...	...	...
Czech Republic	1998	...	13.6	2.2	5.1	...	...	78.8	...	...	7.9	...	...	13.3
Latvia	1998	...	5.1	...	2.3	...	49.8	54.1	...	...	21.1	...	...	24.8
Lithuania	1998	...	...	...	3.4	...	...	...	...	...	22.6	...	...	...
Russian Federation	1998	...	3.4	...	1.5	...	82.3	69.3	...	13.6	13.3	...	...	17.3
Slovakia	1998	...	10.4	...	3.9	...	...	87.6	...	...	4.6	...	...	7.8
Ukraine	1998	...	...	...	0.8	...	...	...	...	12.1	17.9	...	...	...
Developing countries														
Bolivia	1998	5.5	5.9	1.6	2.5	54.6	76.7	66.7	13.4	7.1	14.3	31.9	16.2	19.0
Cameroon	1998	10.0	43.5	8.4	5.8	77.2	...	54.4	19.2	...	6.0	3.6	...	39.5
Chile	1997	17.9	44.0	4.2	10.4	64.5	73.1	61.6	8.3	9.6	9.1	27.2	17.2	29.4
China	1998	...	...	...	...	73.8	75.6	74.4	...	...	...	...	...	...
China (Hong Kong SAR)	1997	24.2	46.8	15.4	30.3	38.1	37.8	37.5	39.5	40.4	40.4	22.4	21.8	22.1
China (Taiwan Province)	1996	30.1	41.4	12.4	17.0	67.4	67.3	63.4	13.5	14.6	15.0	19.1	18.1	21.6
Colombia	1997	17.5	38.1	2.7	5.4	71.5	70.9	63.7	4.4	5.8	5.2	24.1	23.3	31.2
Costa Rica	1997	...	...	3.4	4.9	50.2	47.2	43.0	...	...	...	...	...	...
Côte d'Ivoire	1997	...	21.1	...	12.4	8.9	61.9	67.7	...	17.9	19.0	...	20.2	13.3
Croatia	1996	9.1	...	5.5	4.1	64.5	...	...	21.5	...	...	14.0	...	...
Cyprus	1998	20.5	22.2	10.3	13.4	54.3	52.9	53.0	23.0	27.1	28.4	22.7	20.0	18.6
Ecuador	1998	10.1	26.8	3.0	2.6	84.9	87.4	74.9	4.5	2.4	2.4	10.6	10.2	22.7
Egypt	1997	3.8	7.7	2.0	2.7	62.5	72.1	76.1	19.7	13.9	8.6	17.8	14.0	15.4
El Salvador	1998	...	18.4	...	7.4	...	...	13.1	...	...	34.9	...	...	52.0
Fiji	1998	4.5	...	2.8	7.5	71.9	...	...	17.3	...	...	10.8	...	...
Guatemala	1998	...	...	...	0.8	...	...	...	...	0.9	2.4	...	...	...
Honduras	1996	4.6	...	2.5	...	61.3	57.2	62.5	21.3	23.5	20.6	17.4	19.3	16.9

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11  
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Transport equipment (384)														
Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
						Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
India	1997	3.7	3.8	1.9	1.9	75.6	76.1	78.9	12.5	10.1	10.2	11.9	13.8	10.9
Indonesia	1998	12.0	11.6	1.1	0.8	60.4	57.3	44.8	3.6	4.3	3.9	36.0	38.3	51.3
Jordan	1997	7.1	10.6	2.6	3.3	70.2	71.8	65.4	10.7	7.3	10.8	19.1	20.8	23.8
Kuwait	1997	...	16.7	...	9.4	...	64.6	64.5	...	19.7	20.0	...	15.7	15.5
Malaysia	1997	19.7	29.4	3.7	6.5	71.0	77.2	73.0	5.5	5.7	6.0	23.6	17.1	21.0
Mauritius	1997	7.9	11.5	2.2	3.9	52.1	45.7	39.2	13.1	25.9	20.5	34.8	28.4	40.2
Morocco	1998	15.8	15.7	6.4	6.2	72.8	68.9	67.1	10.9	14.6	13.1	16.3	16.5	19.8
Oman	1998	...	8.5	...	4.4	...	46.2	39.2	...	29.8	31.6	...	24.0	29.3
Pakistan	1996	...	15.0	...	2.8	...	...	75.0	...	...	4.7	...	...	20.3
Puerto Rico	1997	...	...	22.9	25.4	50.5	50.4	48.4	15.8	14.6	14.6	33.7	34.9	36.9
Republic of Korea	1997	42.2	83.0	13.6	21.8	63.4	60.6	59.1	11.8	12.1	10.7	24.8	27.3	30.1
Senegal	1997	15.3	9.2	6.4	6.2	41.4	62.8	55.6	24.6	20.8	30.1	34.1	16.4	14.3
Singapore	1998	34.1	44.2	13.3	20.3	57.4	55.5	53.5	16.6	21.8	21.4	25.9	22.6	25.1
Slovenia	1998	12.8	20.3	9.5	13.2	75.4	83.3	87.4	18.2	8.6	8.2	6.4	8.1	4.4
The f. Yugosl. Rep. of Macedonia	1996	14.6	3.5	4.8	3.2	47.9	44.6	56.8	17.2	39.4	39.1	34.9	15.9	4.1
Tunisia	1998	...	...	...	...	72.4	69.7	69.5	13.0	12.4	12.0	14.5	17.9	18.5
Turkey	1997	27.5	45.6	8.3	9.6	63.5	64.5	61.1	11.1	9.1	8.2	25.5	26.4	30.7
Uruguay	1997	26.5	19.6	4.7	7.7	52.6	38.4	53.8	8.4	14.3	18.1	39.0	47.2	28.1
Venezuela	1996	11.9	47.8	4.4	3.6	74.4	56.9	57.1	9.6	4.0	3.2	16.1	39.1	39.6
Yugoslavia	1998	...	3.2	...	1.0	...	43.7	52.0	...	17.0	14.7	...	39.4	33.4

a/ At current prices.

Part II  
**COUNTRY TABLES**

**Countries/areas for which data were presented in previous editions of the *Yearbook* but not in part II of the current edition**

Country/area	Latest edition in which data were presented	Country/area	Latest edition in which data were presented	Country/area	Latest edition in which data were presented
Afghanistan	1995	Gambia	1999	Peru	1999
Angola	1997	Ghana	1996	Poland	1999
Aruba	2000	Greece	2000	Qatar	1997
Bahamas	1997	Grenada	1999	Saudi Arabia	1995
Bahrain	1996	Honduras	1999	Sierra Leone	1996
Bangladesh	1997	Hungary	1998	Solomon Islands	1999
Belgium	2000	Iceland	2000	Sri Lanka	2000
Belize	1995	Israel	2000	Suriname	1996
Benin	1996	Italy	1998	Swaziland	1999
Bermuda	1999	Jamaica	1999	Sweden	1998
Bosnia and Herzegovina	1999	Jordan	2000	The former Yugoslav Republic of Macedonia	1999
Burundi	1995	Lebanon	1999	Tonga	2000
Cambodia	1999	Lesotho	2000	Trinidad and Tobago	1999
Cape Verde	2000	Liechtenstein	1998	Turkey	2000
Canada	1999	Malta	2000	United Republic of Tanzania	1998
Central African Republic	1998	Mexico	1998	United States of America	1998
Chad	1998	Namibia	1998	Venezuela	1999
Cook Islands	1999	Nepal	1999	Zambia	1997
Côte d'Ivoire	2000	Netherlands Antilles	2000	Zimbabwe	1999
Dominican Republic	2000	Nigeria	2000		
Gabon	1998	Paraguay	2000		

## ALBANIA

<p><b>Supplier of information:</b> Directorate of Statistics, Ministry of Economy, Tirana.</p> <p><b>Basic source of data:</b> Annual industrial survey.</p> <p><b>Major deviations from ISIC (Revision 3):</b> The data presented in ISIC (Revision 3) were originally classified according to NACE (Revision 1).</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Not reported.</p> <p><b>Method of enumeration:</b> Enterprises with 5 or more employees are completely enumerated. A sample is used for enterprises with 1-4 employees.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b></p>
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## Albania

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million LEKS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1511 Processing/preserving of meat	...	...	...	110a/	...	...	...	607a/	...	...	...	...	47.3a/		
1512 Processing/preserving of fish	...	...	...	...a/	...	...	...	...a/	...	...	...	...	...a/		
1513 Processing/preserving of fruit & vegetables	...	...	...	13	...	...	...	108	...	...	...	...	10.5		
1514 Vegetable and animal oils and fats	...	...	...	35	...	...	...	142	...	...	...	...	21.4		
1520 Dairy products	...	...	...	106	...	...	...	116	...	...	...	...	11.8		
153 Grain mill products; starches; animal feeds	...	...	...	...	...	...	...	...	...	...	...	...	...		
1531 Grain mill products	...	...	...	198b/	...	...	...	299b/	...	...	...	...	36.5b/		
1532 Starches and starch products	...	...	...	...b/	...	...	...	...b/	...	...	...	...	...b/		
1533 Prepared animal feeds	...	...	...	873c/	...	...	...	1889c/	...	...	...	...	192.8c/		
154 Other food products	...	...	...	...c/	...	...	...	...c/	...	...	...	...	...c/		
1541 Bakery products	...	...	...	...	...	...	...	...	...	...	...	...	...		
1542 Sugar	...	...	...	...	...	...	...	...	...	...	...	...	...		
1543 Cocoa, chocolate and sugar confectionery	...	...	...	...	...	...	...	...	...	...	...	...	...		
1544 Macaroni, noodles & similar products	...	...	...	...	...	...	...	...	...	...	...	...	...		
1549 Other food products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...		
155 Beverages	...	...	...	146	...	...	...	1155	...	...	...	...	187.3		
1551 Distilling, rectifying & blending of spirits	...	...	...	...	...	...	...	...	...	...	...	...	...		
1552 Wines	...	...	...	...	...	...	...	...	...	...	...	...	...		
1553 Malt liquors and malt	...	...	...	...	...	...	...	...	...	...	...	...	...		
1554 Soft drinks; mineral waters	...	...	...	...	...	...	...	...	...	...	...	...	...		
1600 Tobacco products	...	...	...	8	...	...	...	1399	...	...	...	...	228.4		
171 Spinning, weaving and finishing of textiles	...	...	...	395d/	...	...	...	10082d/	...	...	...	...	1191.0d/		
1711 Textile fibre preparation; textile weaving	...	...	...	...	...	...	...	...	...	...	...	...	...		
1712 Finishing of textiles	...	...	...	...	...	...	...	...	...	...	...	...	...		
172 Other textiles	...	...	...	...d/	...	...	...	...d/	...	...	...	...	...d/		
1721 Made-up textile articles, except apparel	...	...	...	...	...	...	...	...	...	...	...	...	...		
1722 Carpets and rugs	...	...	...	...	...	...	...	...	...	...	...	...	...		
1723 Cordage, rope, twine and netting	...	...	...	...	...	...	...	...	...	...	...	...	...		
1729 Other textiles n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...		
1730 Knitted and crocheted fabrics and articles	...	...	...	...d/	...	...	...	...d/	...	...	...	...	...d/		
1810 Wearing apparel, except fur apparel	...	...	...	...d/	...	...	...	...d/	...	...	...	...	...d/		
1820 Dressing & dyeing of fur; processing of fur	...	...	...	...d/	...	...	...	...d/	...	...	...	...	...d/		
191 Tanning, dressing and processing of leather	...	...	...	92	...	...	...	5926	...	...	...	...	750.2		
1911 Tanning and dressing of leather	...	...	...	...	...	...	...	...	...	...	...	...	...		
1912 Luggage, handbags, etc.; saddlery & harness	...	...	...	...	...	...	...	...	...	...	...	...	...		
1920 Footwear	...	...	...	...	...	...	...	...	...	...	...	...	...		
2010 Sawmilling and planing of wood	...	...	...	621e/	...	...	...	2148e/	...	...	...	...	196.0e/		
202 Products of wood, cork, straw, etc.	...	...	...	...e/	...	...	...	...e/	...	...	...	...	...e/		
2021 Veneer sheets, plywood, particle board, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...		
2022 Builders' carpentry and joinery	...	...	...	...	...	...	...	...	...	...	...	...	...		
2023 Wooden containers	...	...	...	...	...	...	...	...	...	...	...	...	...		
2029 Other wood products; articles of cork/straw	...	...	...	...	...	...	...	...	...	...	...	...	...		
210 Paper and paper products	...	...	...	118f/	...	...	...	1693f/	...	...	...	...	241.7f/		
2101 Pulp, paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...	...		
2102 Corrugated paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...	...		
2109 Other articles of paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...	...		
221 Publishing	...	...	...	...	...	...	...	...	...	...	...	...	...		
2211 Publishing of books and other publications	...	...	...	...f/	...	...	...	...f/	...	...	...	...	...f/		
2212 Publishing of newspapers, journals, etc.	...	...	...	...f/	...	...	...	...f/	...	...	...	...	...f/		
2213 Publishing of recorded media	...	...	...	...	...	...	...	...	...	...	...	...	...		
2219 Other publishing	...	...	...	...	...	...	...	...	...	...	...	...	...		

222	Printing and related service activities	...	...	...	...	...	...	...	...
2221	Printing	...	...	...	...	...	...	...	...
2222	Service activities related to printing	...	...	...	...	...	...	...	...
2230	Reproduction of recorded media	...	...	...	...	...	...	...	...
2310	Coke oven products	...	...	...	...	...	...	...	...
2320	Refined petroleum products	...	...	...	...	1833g/	...	...	302.8g/
2330	Processing of nuclear fuel	...	...	...	...	...g/	...	...	...g/
241	Basic chemicals	...	...	...	...	...	...	...	...
2411	Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...
2412	Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...
242	Other chemicals	...	...	...	...	...	...	...	...
2421	Pesticides and other agro-chemical products	...	...	...	...	...h/	...	...	...h/
2422	Paints, varnishes, printing ink and mastics	...	...	...	...	...h/	...	...	...h/
2423	Pharmaceuticals, medicinal chemicals, etc.	...	...	...	...	...h/	...	...	...h/
2424	Soap, cleaning & cosmetic preparations	...	...	...	...	...	...	...	...
2429	Other chemical products n.e.c.	...	...	...	...	...	...	...	...
2430	Man-made fibres	...	...	...	...	...	...	...	...
251	Rubber products	...	...	...	...	...	...	...	...
2511	Rubber tyres and tubes	...	...	...	...	...	...	...	...
2519	Other rubber products	...	...	...	...	...	...	...	...
2520	Plastic products	...	...	...	...	...	...	...	...
2610	Glass and glass products	...	...	...	...	...	...	...	...
269	Non-metallic mineral products n.e.c.	...	...	...	...	245i/	...	...	...
2691	Pottery, china and earthenware	...	...	...	...	...i/	...	...	519.5i/
2692	Refractory ceramic products	...	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...
2694	Cement, lime and plaster	...	...	...	...	...	...	...	...
2695	Articles of concrete, cement and plaster	...	...	...	...	...	...	...	...
2696	Cutting, shaping & finishing of stone	...	...	...	...	...	...	...	...
2699	Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...
2710	Basic iron and steel	...	...	...	...	...	...	...	...
2720	Basic precious and non-ferrous metals	...	...	...	...	433j/	...	...	...
273	Casting of metals	...	...	...	...	...j/	...	...	...
2731	Casting of iron and steel	...	...	...	...	...j/	...	...	793.4j/
2732	Casting of non-ferrous metals	...	...	...	...	...	...	...	...j/
281	Struct.met.al products;tanks;steam generators	...	...	...	...	...	...	...	...
2811	Structural metal products	...	...	...	...	...	...	...	...
2812	Tanks, reservoirs and containers of metal	...	...	...	...	...j/	...	...	...j/
2813	Steam generators	...	...	...	...	...j/	...	...	...j/
289	Other metal products; metal working services	...	...	...	...	...	...	...	...
2891	Metal forging/pressing/stamping/roll-forming	...	...	...	...	...	...	...	...
2892	Treatment & coating of metals	...	...	...	...	...	...	...	...
2893	Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...
2899	Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...
291	General purpose machinery	...	...	...	...	...	...	...	...
2911	Engines & turbines(not for transport equip.)	...	...	...	...	...	...	...	...
2912	Pumps, compressors, taps and valves	...	...	...	...	...	...	...	...
2913	Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...
2914	Ovens, furnaces and furnace burners	...	...	...	...	...	...	...	...
2915	Lifting and handling equipment	...	...	...	...	...	...	...	...
2919	Other general purpose machinery	...	...	...	...	...	...	...	...
292	Special purpose machinery	...	...	...	...	...	...	...	...
2921	Agricultural and forestry machinery	...	...	...	...	...	...	...	...
2922	Machine tools	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	...	...	...	...	...	...	...	...

continued

## Albania

ISIC Revision 3	Number of enterprises				Number of employees				Wages and salaries paid to employees							
	Note	(numbers)				Note	(numbers)				Note	(million LEKS)				
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998	
ISIC Industry																
3000 Office, accounting and computing machinery		...	...	...	60k/		...	...	...	1518k/		...	...	...	...	257.6k/
3110 Electric motors, generators and transformers		...	...	...	...k/		...	...	...	...k/		...	...	...	...	...k/
3120 Electricity distribution & control apparatus		...	...	...	...k/		...	...	...	...k/		...	...	...	...	...k/
3130 Insulated wire and cable		...	...	...	...k/		...	...	...	...k/		...	...	...	...	...k/
3140 Accumulators, primary cells and batteries		...	...	...	...k/		...	...	...	...k/		...	...	...	...	...k/
3150 Lighting equipment and electric lamps		...	...	...	...k/		...	...	...	...k/		...	...	...	...	...k/
3190 Other electrical equipment n.e.c.		...	...	...	...k/		...	...	...	...k/		...	...	...	...	...k/
3210 Electronic valves, tubes, etc.		...	...	...	...		...	...	...	...		...	...	...	...	...
3220 TV/radio transmitters; line comm. apparatus		...	...	...	...		...	...	...	...		...	...	...	...	...
3230 TV and radio receivers and associated goods		...	...	...	...		...	...	...	...		...	...	...	...	...
331 Medical, measuring, testing appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...	...
3311 Medical, surgical and orthopaedic equipment		...	...	...	...		...	...	...	...		...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...	...
3313 Industrial process control equipment		...	...	...	...		...	...	...	...		...	...	...	...	...
3320 Optical instruments & photographic equipment		...	...	...	...		...	...	...	...		...	...	...	...	...
3330 Watches and clocks		...	...	...	...		...	...	...	...		...	...	...	...	...
3410 Motor vehicles		...	...	...	...		...	...	...	...		...	...	...	...	...
3420 Automobile bodies, trailers & semi-trailers		...	...	...	...		...	...	...	...		...	...	...	...	...
3430 Parts/accessories for automobiles		...	...	...	...		...	...	...	...		...	...	...	...	...
351 Building and repairing of ships and boats		...	...	...	...		...	...	...	...		...	...	...	...	...
3511 Building and repairing of ships		...	...	...	...		...	...	...	...		...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats		...	...	...	...		...	...	...	...		...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock		...	...	...	...		...	...	...	...		...	...	...	...	...
3530 Aircraft and spacecraft		...	...	...	...		...	...	...	...		...	...	...	...	...
359 Transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...	...
3591 Motorcycles		...	...	...	...		...	...	...	...		...	...	...	...	...
3592 Bicycles and invalid carriages		...	...	...	...		...	...	...	...		...	...	...	...	...
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...	...
3610 Furniture		...	...	...	...e/		...	...	...	...e/		...	...	...	...	...e/
369 Manufacturing n.e.c.		...	...	...	21		...	...	...	158		...	...	...	...	22.6
3691 Jewellery and related articles		...	...	...	...		...	...	...	...		...	...	...	...	...
3692 Musical instruments		...	...	...	...		...	...	...	...		...	...	...	...	...
3693 Sports goods		...	...	...	...		...	...	...	...		...	...	...	...	...
3694 Games and toys		...	...	...	...		...	...	...	...		...	...	...	...	...
3699 Other manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...	...
3710 Recycling of metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...	...
3720 Recycling of non-metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...	...
D Total manufacturing		...	...	...	3585m/		...	...	...	37264m/		...	...	...	...	5172.6m/

a/ 1511 includes 1512.

b/ 1531 includes 1532.

c/ 1533 includes 154.

d/ 171 includes 172, 1730, 1810 and 1820.

e/ 2010 includes 202 and 3610.

f/ 210 includes 2211 and 2212.

g/ 2310 includes 2320 and 2330.

h/ 241 includes 2421, 2422 and 2423.

i/ 2610 includes 269.

j/ 2710 includes 2720, 273, 2811 and 2812.

k/ 3000 includes 3110, 3120, 3130, 3140, 3150 and 3190.

m/ Sum of available data.



## Albania

ISIC Revision 3	Output in producers' prices				Value added				Gross fixed capital formation					
	ISIC Industry	Note	(million LEKS)				Note	(thousand LEKS)						
			1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
151	Processed meat, fish, fruit, vegetables, fats	...	...	...	...	...	...	...	...	...	...	...	...	...
1511	Processing/preserving of meat	...	...	...	1035.3a/	...	...	...	...	...	...	...	...	...
1512	Processing/preserving of fish	...	...	...	...	...	...	...	...	...	...	...	...	...
1513	Processing/preserving of fruit & vegetables	...	...	...	662.2	...	...	...	...	...	...	...	...	...
1514	Vegetable and animal oils and fats	...	...	...	184.4	...	...	...	...	...	...	...	...	...
1520	Dairy products	...	...	...	436.0	...	...	...	...	...	...	...	...	...
153	Grain mill products; starches; animal feeds	...	...	...	...	...	...	...	...	...	...	...	...	...
1531	Grain mill products	...	...	...	488.3b/	...	...	...	...	...	...	...	...	...
1532	Starches and starch products	...	...	...	...	...	...	...	...	...	...	...	...	...
1533	Prepared animal feeds	...	...	...	2731.8c/	...	...	...	...	...	...	...	...	...
154	Other food products	...	...	...	...	...	...	...	...	...	...	...	...	...
1541	Bakery products	...	...	...	...	...	...	...	...	...	...	...	...	...
1542	Sugar	...	...	...	...	...	...	...	...	...	...	...	...	...
1543	Cocoa, chocolate and sugar confectionery	...	...	...	...	...	...	...	...	...	...	...	...	...
1544	Macaroni, noodles & similar products	...	...	...	...	...	...	...	...	...	...	...	...	...
1549	Other food products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...
155	Beverages	...	...	...	2883.8	...	...	...	...	...	...	...	...	...
1551	Distilling, rectifying & blending of spirits	...	...	...	...	...	...	...	...	...	...	...	...	...
1552	Wines	...	...	...	...	...	...	...	...	...	...	...	...	...
1553	Malt liquors and malt	...	...	...	...	...	...	...	...	...	...	...	...	...
1554	Soft drinks; mineral waters	...	...	...	...	...	...	...	...	...	...	...	...	...
1600	Tobacco products	...	...	...	1180.4	...	...	...	...	...	...	...	...	...
171	Spinning, weaving and finishing of textiles	...	...	...	3696.3d/	...	...	...	...	...	...	...	...	...
1711	Textile fibre preparation; textile weaving	...	...	...	...	...	...	...	...	...	...	...	...	...
1712	Finishing of textiles	...	...	...	...	...	...	...	...	...	...	...	...	...
172	Other textiles	...	...	...	...	...	...	...	...	...	...	...	...	...
1721	Made-up textile articles, except apparel	...	...	...	...	...	...	...	...	...	...	...	...	...
1722	Carpets and rugs	...	...	...	...	...	...	...	...	...	...	...	...	...
1723	Cordage, rope, twine and netting	...	...	...	...	...	...	...	...	...	...	...	...	...
1729	Other textiles n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...
1730	Knitted and crocheted fabrics and articles	...	...	...	...	...	...	...	...	...	...	...	...	...
1810	Wearing apparel, except fur apparel	...	...	...	...	...	...	...	...	...	...	...	...	...
1820	Dressing & dyeing of fur; processing of fur	...	...	...	...	...	...	...	...	...	...	...	...	...
191	Tanning, dressing and processing of leather	...	...	...	4379.9	...	...	...	...	...	...	...	...	...
1911	Tanning and dressing of leather	...	...	...	...	...	...	...	...	...	...	...	...	...
1912	Luggage, handbags, etc.; saddlery & harness	...	...	...	...	...	...	...	...	...	...	...	...	...
1920	Footwear	...	...	...	...	...	...	...	...	...	...	...	...	...
2010	Sawmilling and planing of wood	...	...	...	3021.7e/	...	...	...	...	...	...	...	...	...
202	Products of wood, cork, straw, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...
2021	Veneer sheets, plywood, particle board, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...
2022	Builders' carpentry and joinery	...	...	...	...	...	...	...	...	...	...	...	...	...
2023	Wooden containers	...	...	...	...	...	...	...	...	...	...	...	...	...
2029	Other wood products; articles of cork/straw	...	...	...	...	...	...	...	...	...	...	...	...	...
210	Paper and paper products	...	...	...	2275.6f/	...	...	...	...	...	...	...	...	...
2101	Pulp, paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...	...
2102	Corrugated paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...	...
2109	Other articles of paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...	...
221	Publishing	...	...	...	...	...	...	...	...	...	...	...	...	...
2211	Publishing of books and other publications	...	...	...	...	...	...	...	...	...	...	...	...	...
2212	Publishing of newspapers, journals, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...
2213	Publishing of recorded media	...	...	...	...	...	...	...	...	...	...	...	...	...
2219	Other publishing	...	...	...	...	...	...	...	...	...	...	...	...	...

continued

## Albania

ISIC Revision 3	Output in producers' prices					Value added					Gross fixed capital formation		
	ISIC Industry	Note	(million LEKS)				Note	(thousand LEKS)				(thousand LEKS)	
			1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
222 Printing and related service activities		...	...	...	...		...	...	...	...		...	...
2221 Printing		...	...	...	...		...	...	...	...		...	...
2222 Service activities related to printing		...	...	...	...		...	...	...	...		...	...
2230 Reproduction of recorded media		...	...	...	...		...	...	...	...		...	...
2310 Coke oven products		...	...	...	6133.3g/		...	...	...	...		...	...
2320 Refined petroleum products		...	...	...	...g/		...	...	...	...		...	...
2330 Processing of nuclear fuel		...	...	...	...g/		...	...	...	...		...	...
241 Basic chemicals		...	...	...	1099.8h/		...	...	...	...		...	...
2411 Basic chemicals, except fertilizers		...	...	...	...		...	...	...	...		...	...
2412 Fertilizers and nitrogen compounds		...	...	...	...		...	...	...	...		...	...
2413 Plastics in primary forms; synthetic rubber		...	...	...	...		...	...	...	...		...	...
242 Other chemicals		...	...	...	...		...	...	...	...		...	...
2421 Pesticides and other agro-chemical products		...	...	...	...h/		...	...	...	...		...	...
2422 Paints, varnishes, printing ink and mastics		...	...	...	...h/		...	...	...	...		...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		...	...	...	...h/		...	...	...	...		...	...
2424 Soap, cleaning & cosmetic preparations		...	...	...	...		...	...	...	...		...	...
2429 Other chemical products n.e.c.		...	...	...	...		...	...	...	...		...	...
2430 Man-made fibres		...	...	...	...		...	...	...	...		...	...
251 Rubber products		...	...	...	...		...	...	...	...		...	...
2511 Rubber tyres and tubes		...	...	...	...		...	...	...	...		...	...
2519 Other rubber products		...	...	...	...		...	...	...	...		...	...
2520 Plastic products		...	...	...	...		...	...	...	...		...	...
2610 Glass and glass products		...	...	...	3100.5i/		...	...	...	...		...	...
269 Non-metallic mineral products n.e.c.		...	...	...	...i/		...	...	...	...		...	...
2691 Pottery, china and earthenware		...	...	...	...		...	...	...	...		...	...
2692 Refractory ceramic products		...	...	...	...		...	...	...	...		...	...
2693 Struct.non-refractory clay; ceramic products		...	...	...	...		...	...	...	...		...	...
2694 Cement, lime and plaster		...	...	...	...		...	...	...	...		...	...
2695 Articles of concrete, cement and plaster		...	...	...	...		...	...	...	...		...	...
2696 Cutting, shaping & finishing of stone		...	...	...	...		...	...	...	...		...	...
2699 Other non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...		...	...
2710 Basic iron and steel		...	...	...	4352.6j/		...	...	...	...		...	...
2720 Basic precious and non-ferrous metals		...	...	...	...j/		...	...	...	...		...	...
273 Casting of metals		...	...	...	...j/		...	...	...	...		...	...
2731 Casting of iron and steel		...	...	...	...		...	...	...	...		...	...
2732 Casting of non-ferrous metals		...	...	...	...		...	...	...	...		...	...
281 Struct.metal products;tanks;steam generators		...	...	...	...		...	...	...	...		...	...
2811 Structural metal products		...	...	...	...j/		...	...	...	...		...	...
2812 Tanks, reservoirs and containers of metal		...	...	...	...j/		...	...	...	...		...	...
2813 Steam generators		...	...	...	...		...	...	...	...		...	...
289 Other metal products; metal working services		...	...	...	...		...	...	...	...		...	...
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	...		...	...	...	...		...	...
2892 Treatment & coating of metals		...	...	...	...		...	...	...	...		...	...
2893 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...		...	...
2899 Other fabricated metal products n.e.c.		...	...	...	...		...	...	...	...		...	...
291 General purpose machinery		...	...	...	...		...	...	...	...		...	...
2911 Engines & turbines(not for transport equip.)		...	...	...	...		...	...	...	...		...	...
2912 Pumps, compressors, taps and valves		...	...	...	...		...	...	...	...		...	...
2913 Bearings, gears, gearing & driving elements		...	...	...	...		...	...	...	...		...	...
2914 Ovens, furnaces and furnace burners		...	...	...	...		...	...	...	...		...	...
2915 Lifting and handling equipment		...	...	...	...		...	...	...	...		...	...
2919 Other general purpose machinery		...	...	...	...		...	...	...	...		...	...

292	Special purpose machinery	...	...	...	...	...	...	...	...	...
2921	Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...
2922	Machine tools	...	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	...	...	...	...	...	...	...	...	...
3000	Office, accounting and computing machinery	...	...	...	880.1k/	...	...	...	...	...
3110	Electric motors, generators and transformers	...	...	...	...k/	...	...	...	...	...
3120	Electricity distribution & control apparatus	...	...	...	...k/	...	...	...	...	...
3130	Insulated wire and cable	...	...	...	...k/	...	...	...	...	...
3140	Accumulators, primary cells and batteries	...	...	...	...k/	...	...	...	...	...
3150	Lighting equipment and electric lamps	...	...	...	...k/	...	...	...	...	...
3190	Other electrical equipment n.e.c.	...	...	...	...k/	...	...	...	...	...
3210	Electronic valves, tubes, etc.	...	...	...	...	...	...	...	...	...
3220	TV/radio transmitters; line comm. apparatus	...	...	...	...	...	...	...	...	...
3230	TV and radio receivers and associated goods	...	...	...	...	...	...	...	...	...
331	Medical, measuring, testing appliances, etc.	...	...	...	...	...	...	...	...	...
3311	Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...
3312	Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...
3313	Industrial process control equipment	...	...	...	...	...	...	...	...	...
3320	Optical instruments & photographic equipment	...	...	...	...	...	...	...	...	...
3330	Watches and clocks	...	...	...	...	...	...	...	...	...
3410	Motor vehicles	...	...	...	...	...	...	...	...	...
3420	Automobile bodies, trailers & semi-trailers	...	...	...	...	...	...	...	...	...
3430	Parts/accessories for automobiles	...	...	...	...	...	...	...	...	...
351	Building and repairing of ships and boats	...	...	...	...	...	...	...	...	...
3511	Building and repairing of ships	...	...	...	...	...	...	...	...	...
3512	Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...
3520	Railway/tramway locomotives & rolling stock	...	...	...	...	...	...	...	...	...
3530	Aircraft and spacecraft	...	...	...	...	...	...	...	...	...
359	Transport equipment n.e.c.	...	...	...	...	...	...	...	...	...
3591	Motorcycles	...	...	...	...	...	...	...	...	...
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...
3610	Furniture	...	...	...	...e/	...	...	...	...	...
369	Manufacturing n.e.c.	...	...	...	135.4	...	...	...	...	...
3691	Jewellery and related articles	...	...	...	...	...	...	...	...	...
3692	Musical instruments	...	...	...	...	...	...	...	...	...
3693	Sports goods	...	...	...	...	...	...	...	...	...
3694	Games and toys	...	...	...	...	...	...	...	...	...
3699	Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	...
3710	Recycling of metal waste and scrap	...	...	...	...	...	...	...	...	...
3720	Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	...	38677.4m/	...	...	...	...	...

a/ 1511 includes 1512.

b/ 1531 includes 1532.

c/ 1533 includes 154.

d/ 171 includes 172, 1730, 1810 and 1820.

e/ 2010 includes 202 and 3610.

f/ 210 includes 2211 and 2212.

g/ 2310 includes 2320 and 2330.

h/ 241 includes 2421, 2422 and 2423.

i/ 2610 includes 269.

j/ 2710 includes 2720, 273, 2811 and 2812.

k/ 3000 includes 3110, 3120, 3130, 3140, 3150 and 3190.

m/ Sum of available data.

## Albania

ISIC Revision 3	Index numbers of industrial production													
	ISIC Industry	Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15	Food and beverages		...	...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products		...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles		...	...	...	...	...	...	...	...	...	...	...	...
18	Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products		...	...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
27	Basic metals		...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

## ALGERIA

<p><b>Supplier of information:</b> Office national des statistiques, Algiers.</p> <p><b>Basic source of data:</b> Annual industrial survey.</p> <p><b>Major deviations from ISIC (Revision 2):</b> Data are collected under the national classification system (NAP 80).</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All enterprises with 10 or more employees and 60 per cent of those with less than 10 employees. In 1997, only enterprises with 10 or more employees.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b> Annuaire de l'industrie algérienne published by l'Office national des statistiques, Algiers.</p>
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Algeria

ISIC Revision 2 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million DINARS)			
		1994	1995	1996	1997a/		1994	1995	1996	1997a/		1994	1995	1996	1997a/
311/2 Food products		8291b/	7318	6613	125		95047b/	95171b/	67881b/	48565		10945b/	13076b/	19012b/	12931
3111 Slaughtering, preparing & preserving meat		...	...	...	7		...	...	...	2771		...	...	...	528
3112 Dairy products		...	19	19	18		...	10286	9937	8619		...	...	...	2911
3113 Canning, preserving of fruits & vegetables		...	20	16	13		...	3938	4044	1909		...	...	...	510
3114 Canning, preserving and processing of fish		...	8	8	...		...	3036	2614	...		...	...	...	...
3115 Vegetable and animal oils and fats		...	...	...	2		...	5299	5491	4619		...	...	...	1539
3116 Grain mill products		...	66	61	48		...	3929	2824	23372		...	...	...	5771
3117 Bakery products		...	...	...	...		...	...	...	...		...	...	...	...
3118 Sugar factories and refineries		...	...	...	1		...	1823	1733	1555		...	...	...	450
3119 Cocoa, chocolate and sugar confectionery		...	47	40	35		...	1133	1006	947		...	...	...	139
3121 Other food products		...	...	...	...		...	...	...	...		...	...	...	...
3122 Prepared animal feeds		...	...	...	1		...	4657	4736	4773		...	...	...	1083
313 Beverages		...b/	53	50	44		...b/	...b/	...b/	5189		...b/	...b/	...b/	1130
3131 Distilling, rectifying and blending spirits		...	2	3	4c/		...	2488	2417	3448c/		...	...	...	781c/
3132 Wine industries		...	...	...	...c/		...	...	...	...c/		...	...	...	...c/
3133 Malt liquors and malt		...	3	3	...c/		...	...	...	...c/		...	...	...	...c/
3134 Soft drinks and carbonated waters		...	48	44	40		...	3499	3491	1741		...	...	...	349
314 Tobacco		...b/	1	1	1		...b/	...b/	...b/	6096		...b/	...b/	...b/	1999
321 Textiles	d/	3647	3547	3913	189	d/	55517	49820	42601	27829	d/	4762	5386	6904	5725
3211 Spinning, weaving and finishing textiles		...	78	66	53		...	28710	29534	19428		...	...	...	4228
3212 Made-up textile goods excl. wearing apparel		...	...	...	...		...	...	...	...		...	...	...	...
3213 Knitting mills		...	192	162	136		...	12886	11847	8401		...	...	...	1497
3214 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	...	...
3215 Cordage, rope and twine		...	...	...	...		...	...	...	...		...	...	...	...
3219 Other textiles		...	...	...	...		...	...	...	...		...	...	...	...
322 Wearing apparel, except footwear	d/	...	...	...	...	d/	...	...	...	...	d/	...	...	...	...
323 Leather and fur products	e/	1288	1243	1033	61	e/	14766e/	11168	10470	2017e/	e/	1238	1298	1546	262
3231 Tanneries and leather finishing		...	...	...	6		...	...	...	371		...	...	...	61
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...	...	...
3233 Leather prods. excl. wearing apparel		...	...	...	55		...	...	...	1646		...	...	...	201
324 Footwear, except rubber or plastic	e/	...	...	...	...	e/	...e/	8617	8378	...e/	e/	...	...	...	...
331 Wood products, except furniture		4083f/	4469g/	3721g/	...		37643f/	10840	4411	...		3755f/	4800f/	6165f/	...
3311 Sawmills, planing and other wood mills		...	...	...	...		...	...	...	4988		...	...	...	988
3312 Wooden and cane containers		...	...	...	...		...	...	...	...		...	...	...	...
3319 Other wood and cork products		...	...	...	20		...	...	...	5938		...	...	...	1193
332 Furniture and fixtures, excl. metal		...f/	...g/	...g/	37		...f/	6187	5715	5166		...f/	...f/	...f/	975
341 Paper and products		...f/	55	52	...		...f/	7137	6716	...		...f/	...f/	...f/	...
3411 Pulp, paper and paperboard articles		...	...	...	38		...	...	...	3304		...	...	...	717
3412 Containers of paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
3419 Other pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...	...	...
342 Printing and publishing		...f/	68	51	57		...f/	3875	3264	2362		...f/	...f/	...f/	646
351 Industrial chemicals		669h/	579h/	459h/	12		30234h/	24412h/	28341h/	3742		4219h/	4679h/	5009h/	1525
3511 Basic chemicals excl. fertilizers		...	8	7	9		...	...	...	1131		...	...	...	307
3512 Fertilizers and pesticides		...	...	...	2		...	...	...	2482		...	...	...	1205
3513 Synthetic resins and plastic materials		...	...	...	1		...	...	...	129		...	...	...	13
352 Other chemicals		...h/	...h/	...h/	56		...h/	...h/	...h/	11445		...h/	...h/	...h/	3368
3521 Paints, varnishes and lacquers		...	...	...	8		...	...	...	2153		...	...	...	662
3522 Drugs and medicines		...	4	5	6		...	3500	3250	3041		...	...	...	1023
3523 Soap, cleaning preps., perfumes, cosmetics		...	41	41	37		...	5335	5134	5918		...	...	...	1607
3529 Other chemical products		...	...	...	5		...	...	...	333		...	...	...	76
353 Petroleum refineries		...h/	...h/	...h/	...		...h/	...h/	...h/	...		...h/	...h/	...h/	...

354 Misc. petroleum and coal products	...h/	...h/	...h/	...	...h/	...h/	...h/	...	...h/	...h/	...h/	...
355 Rubber products	...h/	...h/	...h/	7	...h/	...h/	...h/	497	...h/	...h/	...h/	82
3551 Tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	...h/	...h/	...h/	50	...h/	...h/	...h/	5319	...h/	...h/	...h/	1190
361 Pottery, china, earthenware	3420i/	3051i/	3811i/	2	51381i/	55336i/	51246i/	1785	5654i/	7114i/	9636i/	290
362 Glass and products	...i/	...i/	...i/	13	...i/	...i/	...i/	2656	...i/	...i/	...i/	549
369 Other non-metallic mineral products	...i/	...i/	...i/	135	...i/	...i/	...i/	38549	...i/	...i/	...i/	9810
3691 Structural clay products	...	...	...	35	...	...	...	14296	...	...	...	3301
3692 Cement, lime and plaster	...	...	...	12	...	...	...	13394	...	...	...	4533
3699 Other non-metallic mineral products	...	...	...	88	...	...	...	10859	...	...	...	1976
371 Iron and steel	2863j/	1784j/	1680j/	16	133098j/	90969k/	88777k/	29361	15853j/	10901j/	11131j/	6066
372 Non-ferrous metals	...j/	...j/	...j/	4	...j/	...k/	...k/	1379	...j/	...j/	...j/	485
381 Fabricated metal products	...j/	...j/	...j/	...	...j/	...k/	...k/	...	...j/	...j/	...j/	...
3811 Cutlery, hand tools and general hardware	...	...	...	22	...	...	...	21936	...	...	...	269
3812 Furniture and fixtures primarily of metal	...	...	...	...	...	...	...	...	...	...	...	...
3813 Structural metal products	...	98	84	...	...	...	...	...	...	...	...	...
3819 Other fabricated metal products	...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery	...j/	...j/	...j/	...	...j/	...k/	...k/	...	...j/	...j/	...j/	...
3821 Engines and turbines	...	8	8	12	...	6275	5447	5785	...	...	...	1849
3822 Agricultural machinery and equipment	...	11	13	...	...	10832	14000	...	...	...	...	...
3823 Metal and wood working machinery	...	...	...	...	...	...	...	...	...	...	...	...
3824 Other special industrial machinery	...	...	...	...	...	...	...	...	...	...	...	...
3825 Office, computing and accounting machinery	...	...	...	...	...	...	...	...	...	...	...	...
3829 Other non-electrical machinery & equipment	...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery	...j/	...j/	...j/	...	...j/	...k/	...k/	...	...j/	...j/	...j/	...
3831 Electrical industrial machinery	...	...	...	8	...	...	...	10253	...	...	...	3129
3832 Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...	...	...	...	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	...j/	...j/	...j/	...	...j/	...k/	...k/	...	...j/	...j/	...j/	...
3841 Shipbuilding and repairing	...	1	1	1	...	...	...	611	...	...	...	88
3842 Railroad equipment	...	1	1	1	...	...	...	839	...	...	...	220
3843 Motor vehicles	...	1	1	1	...	14328	13523	10154	...	...	...	2931
3844 Motorcycles and bicycles	...	...	...	1	...	...	...	736	...	...	...	184
3845 Aircraft	...	...	...	-	...	...	...	-	...	...	...	-
3849 Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	...j/	...j/	...j/	...	...j/	2357	2134	...	...j/	...j/	...j/	...
3851 Prof. and scientific equipment n.e.c.	...	...	...	4	...	...	...	3177	...	...	...	801
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	1652	1734	1846	...	6514	7937	6735	...	529	630	673	...
3901 Jewellery and related articles	...	...	...	50	...	...	...	2976	...	...	...	417
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing	25913	23902	23230	...	424200	373826	326669	...	46955	47884	60076	...

a/ Excluding enterprises with less than 10 employees.

b/ 311/2 includes 313 and 314.

c/ 3131 includes 3132 and 3133.

d/ 321 includes 322.

e/ 323 includes 324.

f/ 331 includes 332, 341 and 342.

g/ 331 includes 332.

h/ 351 includes 352, 353, 354, 355 and 356.

i/ 361 includes 362 and 369.

j/ 371 includes 372, 381, 382, 383, 384 and 385.

k/ 371 includes 372, 381, 382, 383 and 384.

## Algeria

ISIC Revision 2	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	ISIC Industry	Note	(million DINARS)				Note	(million DINARS)					
			1994	1995	1996	1997a/		1994	1995	1996	1997a/	Note	1996
311/2 Food products		115241b/	189161b/	212543b/	143101		39524b/	59391b/	46020b/	26739		...	6314
3111 Slaughtering, preparing & preserving meat		...	...	...	1479		...	...	...	183		...	891
3112 Dairy products		...	...	...	22902		...	...	...	1707		...	1634
3113 Canning, preserving of fruits & vegetables		...	...	...	3535		...	...	...	769		...	162
3114 Canning, preserving and processing of fish		...	...	...	...		...	...	...	...		...	...
3115 Vegetable and animal oils and fats		...	...	...	21126		...	...	...	5851		...	1009
3116 Grain mill products		...	...	...	68252		...	...	...	12303		...	2052
3117 Bakery products		...	...	...	...		...	...	...	...		...	...
3118 Sugar factories and refineries		...	...	...	2510		...	...	...	168		...	36
3119 Cocoa, chocolate and sugar confectionery		...	...	...	1892		...	...	...	654		...	45
3121 Other food products		...	...	...	...		...	...	...	...		...	...
3122 Prepared animal feeds		...	...	...	21405		...	...	...	5104		...	485
313 Beverages		...b/	...b/	...b/	7840		...b/	...b/	...b/	4287		...	668
3131 Distilling, rectifying and blending spirits		...	...	...	3890c/		...	...	...	2710c/		...	333c/
3132 Wine industries		...	...	...	...		...	...	...	...		...	...
3133 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...
3134 Soft drinks and carbonated waters		...	...	...	3950		...	...	...	1577		...	335
314 Tobacco		...b/	...b/	...b/	12182		...b/	...b/	...b/	6533		...	182
321 Textiles	d/	20123	21804	23836	13077	d/	7878	8727	7972	3695		...	2437d/
3211 Spinning, weaving and finishing textiles		...	...	...	8778		...	...	...	2177		...	1495
3212 Made-up textile goods excl. wearing apparel		...	...	...	...		...	...	...	...		...	...
3213 Knitting mills		...	...	...	4299		...	...	...	1518		...	942
3214 Carpets and rugs		...	...	...	...		...	...	...	...		...	...
3215 Cordage, rope and twine		...	...	...	...		...	...	...	...		...	...
3219 Other textiles		...	...	...	...		...	...	...	...		...	...
322 Wearing apparel, except footwear	d/	...	...	...	...	d/	...	...	...	...		...	...d/
323 Leather and fur products	e/	5975	5736	5379	1814	e/	2481	2126	2974	864		...	69e/
3231 Tanneries and leather finishing		...	...	...	458		...	...	...	161		...	16
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...
3233 Leather prods. excl. wearing apparel		...	...	...	1356		...	...	...	...		...	...
324 Footwear, except rubber or plastic	e/	...	...	...	...	e/	...	...	...	...		...	...e/
331 Wood products, except furniture		16916f/	24428f/	26052f/	...		7415f/	8707f/	8990f/	...		...	...
3311 Sawmills, planing and other wood mills		...	...	...	2832		...	...	...	1295		...	389
3312 Wooden and cane containers		...	...	...	...		...	...	...	...		...	...
3319 Other wood and cork products		...	...	...	3565		...	...	...	1691		...	438
332 Furniture and fixtures, excl. metal		...f/	...f/	...f/	3239		...f/	...f/	...f/	1283		...	290
341 Paper and products		...f/	...f/	...f/	...		...f/	...f/	...f/	...		...	...
3411 Pulp, paper and paperboard articles		...	...	...	4607		...	...	...	1663		...	345
3412 Containers of paper and paperboard		...	...	...	...		...	...	...	...		...	...
3419 Other pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...
342 Printing and publishing		...f/	...f/	...f/	2425		...f/	...f/	...f/	1307		...	210
351 Industrial chemicals		28722g/	33719g/	34751g/	8240		13797g/	15852g/	15663g/	4293		...	2130
3511 Basic chemicals excl. fertilizers		...	...	...	1716		...	...	...	909		...	166
3512 Fertilizers and pesticides		...	...	...	6516		...	...	...	3379		...	1962
3513 Synthetic resins and plastic materials		...	...	...	8		...	...	...	5		...	2
352 Other chemicals		...g/	...g/	...g/	20361		...g/	...g/	...g/	8581		...	1062
3521 Paints, varnishes and lacquers		...	...	...	5376		...	...	...	1880		...	328
3522 Drugs and medicines		...	...	...	4910		...	...	...	2567		...	289
3523 Soap, cleaning preps., perfumes, cosmetics		...	...	...	9339		...	...	...	3898		...	418
3529 Other chemical products		...	...	...	736		...	...	...	236		...	27
353 Petroleum refineries		...g/	...g/	...g/	...		...g/	...g/	...g/	...		...	...



354 Misc. petroleum and coal products	...g/	...g/	...g/	...	...g/	...g/	...g/	...	...
355 Rubber products	...g/	...g/	...g/	427	...g/	...g/	...g/	141	33
3551 Tyres and tubes	...	...	...	...	...	...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...	...
356 Plastic products	...g/	...g/	...g/	3332	...g/	...g/	...g/	1167	487
361 Pottery, china, earthenware	25395h/	35458h/	41341h/	157	16723h/	23113h/	26136h/	60	185
362 Glass and products	...h/	...h/	...h/	1359	...h/	...h/	...h/	492	1179
369 Other non-metallic mineral products	...h/	...h/	...h/	36331	...h/	...h/	...h/	22670	5330
3691 Structural clay products	...	...	...	7876	...	...	...	4784	1165
3692 Cement, lime and plaster	...	...	...	24609	...	...	...	15916	3568
3699 Other non-metallic mineral products	...	...	...	3846	...	...	...	1970	597
371 Iron and steel	81296i/	63585i/	59722i/	19111	40309i/	32770i/	29900i/	6810	4211
372 Non-ferrous metals	...i/	...i/	...i/	4165	...i/	...i/	...i/	1339	267
381 Fabricated metal products	...i/	...i/	...i/	...	...i/	...i/	...i/	...	...
3811 Cutlery, hand tools and general hardware	...	...	...	1400	...	...	...	515	107
3812 Furniture and fixtures primarily of metal	...	...	...	...	...	...	...	...	...
3813 Structural metal products	...	...	...	...	...	...	...	...	...
3819 Other fabricated metal products	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery	...i/	...i/	...i/	...	...i/	...i/	...i/	...	...
3821 Engines and turbines	...	...	...	3567	...	...	...	1853	1612
3822 Agricultural machinery and equipment	...	...	...	...	...	...	...	...	...
3823 Metal and wood working machinery	...	...	...	...	...	...	...	...	...
3824 Other special industrial machinery	...	...	...	...	...	...	...	...	...
3825 Office, computing and accounting machinery	...	...	...	...	...	...	...	...	...
3829 Other non-electrical machinery & equipment	...	...	...	...	...	...	...	...	...
383 Electrical machinery	...i/	...i/	...i/	...	...i/	...i/	...i/	...	...
3831 Electrical industrial machinery	...	...	...	12440	...	...	...	4566	1236
3832 Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...
384 Transport equipment	...i/	...i/	...i/	...	...i/	...i/	...i/	...	...
3841 Shipbuilding and repairing	...	...	...	125	...	...	...	86	15
3842 Railroad equipment	...	...	...	...	...	...	...	40	205
3843 Motor vehicles	...	...	...	...	...	...	...	2420	2610
3844 Motorcycles and bicycles	...	...	...	...	...	...	...	23	21
3845 Aircraft	...	...	...	...	...	...	...	-	-
3849 Other transport equipment	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	...i/	...i/	...i/	...	...i/	...i/	...i/	...	...
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	1292	226
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	2019	2140	2778	...	911	861	1222	...	...
3901 Jewellery and related articles	...	...	...	...	...	...	...	346	181
3902 Musical instruments	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...	...
3 Total manufacturing	295687	376031	406402	...	129038	151547	138877	...	...

a/ Excluding enterprises with less than 10 employees.

b/ 311/2 includes 313 and 314.

c/ 3131 includes 3132 and 3133.

d/ 321 includes 322.

e/ 323 includes 324.

f/ 331 includes 332, 341 and 342.

g/ 351 includes 352, 353, 354, 355 and 356.

h/ 361 includes 362 and 369.

i/ 371 includes 372, 381, 382, 383, 384 and 385.

## Algeria

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products	a/	95	97	99	100	99	94	99	95	88	84	82	94
313 Beverages	a/	...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco	a/	...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles		105	94	95	100	97	101	95	80	69	52	48	49
322 Wearing apparel, except footwear		79	80	96	100	100	85	78	75	72	47	44	53
323 Leather and fur products		93	93	94	100	80	57	52	65	59	50	38	40
324 Footwear, except rubber or plastic		107	95	93	100	77	58	48	45	33	19	16	15
331 Wood products, except furniture		66	65	91	100	66	54	67	56	45	37	31	26
332 Furniture and fixtures, excl. metal		112	81	97	100	85	70	64	56	56	49	47	50
341 Paper and products		104	105	96	100	89	79	89	82	77	57	63	55
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals	b/	91	94	103	100	97	80	83	97	89	77	81	96
352 Other chemicals	b/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		94	97	97	100	100	102	99	91	96	92	99	93
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	b/	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	b/	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	c/	103	105	101	100	100	104	98	87	91	95	90	95
362 Glass and products	c/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	c/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel		168	156	119	100	97	85	93	86	97	64	53	59
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		97	104	100	100	97	93	89	79	73	60	56	55
382 Non-electrical machinery		64	82	86	100	95	84	75	55	46	28	19	13
383 Electrical machinery		93	114	95	100	92	77	58	55	48	55	35	39
384 Transport equipment		128	84	96	100	89	86	71	46	89	59	35	48
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		100	100	99	100	94	88	84	75	74	64	58	61

a/ 311/2 includes 313 and 314.  
b/ 351 includes 352, 355 and 356.  
c/ 361 includes 362 and 369.

## ARGENTINA

<p><b>Supplier of information:</b> Instituto Nacional de Estadística y Censos (INDEC), Buenos Aires.</p> <p><b>Basic source of data:</b> Annual industrial survey.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Establishments with 10 or more employees.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b> Encuesta Industrial Anual, 1996, resultados anticipados y 1995, resultados definitivos, published by the Instituto Nacional de Estadística y Censos (INDEC), Buenos Aires.</p>
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Argentina

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees							
	Note	(numbers)				Note	(numbers)				Note	(million PESOS)				
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997	
ISIC Industry																
151 Processed meat, fish, fruit, vegetables, fats		...	...	...	...		72081	71043	68359	...		739.3	750.8	713.7	...	
1511 Processing/preserving of meat		...	...	...	...		...	...	...	...		...	...	...	...	
1512 Processing/preserving of fish		...	...	...	...		...	...	...	...		...	...	...	...	
1513 Processing/preserving of fruit & vegetables		...	...	...	...		...	...	...	...		...	...	...	...	
1514 Vegetable and animal oils and fats		...	...	...	...		...	...	...	...		...	...	...	...	
1520 Dairy products		...	...	...	...		19956	18476	16910	...		283.0	257.2	234.1	...	
153 Grain mill products; starches; animal feeds		...	...	...	...		12131	11459	11231	...		157.4	158.9	158.7	...	
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...	...	...	
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...	...	...	
1533 Prepared animal feeds		...	...	...	...		...	...	...	...		...	...	...	...	
154 Other food products		...	...	...	...		62644	62095	62606	...		595.7	634.3	649.4	...	
1541 Bakery products		...	...	...	...		...	...	...	...		...	...	...	...	
1542 Sugar		...	...	...	...		...	...	...	...		...	...	...	...	
1543 Cocoa, chocolate and sugar confectionery		...	...	...	...		...	...	...	...		...	...	...	...	
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...	...	...	
1549 Other food products n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...	
155 Beverages		...	...	...	...		38299	34208	36231	...		512.3	509.0	540.6	...	
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...	...	...	
1552 Wines		...	...	...	...		...	...	...	...		...	...	...	...	
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...	...	...	
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...	...	...	...	
1600 Tobacco products		...	...	...	...		4395	4370	4119	...		112.5	126.4	102.1	...	
171 Spinning, weaving and finishing of textiles		...	...	...	...		31346	29816	31703	...		262.7	255.0	281.9	...	
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...		...	...	...	...	
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...	...	...	
172 Other textiles		...	...	...	...		9303	9516	10217	...		98.7	92.6	108.4	...	
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...	...	...	...	
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	...	...	
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...	...	...	
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...	
1730 Knitted and crocheted fabrics and articles		...	...	...	...		8591	7853	7715	...		73.5	71.3	71.4	...	
1810 Wearing apparel, except fur apparel		...	...	...	...		28679a/	24598a/	23927a/	...		177.5a/	155.6a/	144.5a/	...	
1820 Dressing & dyeing of fur; processing of fur		...	...	...	...		...a/	...a/	...a/	...		...a/	...a/	...a/	...	
191 Tanning, dressing and processing of leather		...	...	...	...		13006	13979	15028	...		120.1	147.1	137.6	...	
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...		...	...	...	...	
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...	...	...	...	
1920 Footwear		...	...	...	...		21171	18922	18617	...		178.3	147.5	134.8	...	
2010 Sawmilling and planing of wood		...	...	...	...		12923b/	12234b/	13015b/	...		78.5b/	80.8b/	91.6b/	...	
202 Products of wood, cork, straw, etc.		...	...	...	...		...b/	...b/	...b/	...		...b/	...b/	...b/	...	
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...		...	...	...	...		...	...	...	...	
2022 Builders' carpentry and joinery		...	...	...	...		...	...	...	...		...	...	...	...	
2023 Wooden containers		...	...	...	...		...	...	...	...		...	...	...	...	
2029 Other wood products; articles of cork/straw		...	...	...	...		...	...	...	...		...	...	...	...	
210 Paper and paper products		...	...	...	...		22993	22287	23199	...		291.5	300.3	293.0	...	
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...	
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...	
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...	
221 Publishing		...	...	...	...		15340	14408	13648	...		375.4	344.4	318.9	...	
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...	...	...	
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...	...	...	
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...	...	...	
2219 Other publishing		...	...	...	...		...	...	...	...		...	...	...	...	

222	Printing and related service activities	...	...	...	13144c/	12672c/	12212c/	...	183.9c/	202.8c/	198.6c/	...
2221	Printing	...	...	...	...	...	...	...	...	...	...	...
2222	Service activities related to printing	...	...	...	...	...	...	...	...	...	...	...
2230	Reproduction of recorded media	...	...	...	...c/	...c/	...c/	...	...c/	...c/	...c/	...
2310	Coke oven products	...	...	...	1217d/	521d/	487d/	...	23.4d/	8.7d/	6.7d/	...
2320	Refined petroleum products	...	...	...	5088	4866	4884	...	155.4	159.4	135.3	...
2330	Processing of nuclear fuel	...	...	...	...d/	...d/	...d/	...	...d/	...d/	...d/	...
241	Basic chemicals	...	...	...	14371e/	13830e/	10766e/	...	235.7e/	229.7e/	256.5e/	...
2411	Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...	...	...	...
2412	Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...	...	...
242	Other chemicals	...	...	...	...	...	...	...	...	...	...	...
2421	Pesticides and other agro-chemical products	...	...	...	...e/	...e/	...e/	...	...e/	...e/	...e/	...
2422	Paints, varnishes, printing ink and mastics	...	...	...	42925f/	41550f/	39632f/	...	857.5f/	877.0f/	891.4f/	...
2423	Pharmaceuticals, medicinal chemicals, etc.	...	...	...	...f/	...f/	...f/	...	...f/	...f/	...f/	...
2424	Soap, cleaning & cosmetic preparations	...	...	...	...f/	...f/	...f/	...	...f/	...f/	...f/	...
2429	Other chemical products n.e.c.	...	...	...	...f/	...f/	...f/	...	...f/	...f/	...f/	...
2430	Man-made fibres	...	...	...	2209	2198	2638	...	32.9	33.7	34.9	...
251	Rubber products	...	...	...	8742	8368	8747	...	137.5	134.0	131.9	...
2511	Rubber tyres and tubes	...	...	...	...	...	...	...	...	...	...	...
2519	Other rubber products	...	...	...	...	...	...	...	...	...	...	...
2520	Plastic products	...	...	...	23377	22010	23296	...	285.1	285.0	284.7	...
2610	Glass and glass products	...	...	...	7270	7144	6984	...	107.3	104.0	114.5	...
269	Non-metallic mineral products n.e.c.	...	...	...	27850	24622	22635	...	335.4	304.3	300.9	...
2691	Pottery, china and earthenware	...	...	...	...	...	...	...	...	...	...	...
2692	Refractory ceramic products	...	...	...	...	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...	...	...	...
2694	Cement, lime and plaster	...	...	...	...	...	...	...	...	...	...	...
2695	Articles of concrete, cement and plaster	...	...	...	...	...	...	...	...	...	...	...
2696	Cutting, shaping & finishing of stone	...	...	...	...	...	...	...	...	...	...	...
2699	Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...	...	...
2710	Basic iron and steel	...	...	...	19831	18953	19714	...	331.7	355.7	387.0	...
2720	Basic precious and non-ferrous metals	...	...	...	3976	3266	3046	...	75.7	75.7	65.8	...
273	Casting of metals	...	...	...	9013	9069	9788	...	87.2	91.3	94.0	...
2731	Casting of iron and steel	...	...	...	...	...	...	...	...	...	...	...
2732	Casting of non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...
281	Struct.metal products;tanks;steam generators	...	...	...	12268	11959	12532	...	79.2	121.9	121.1	...
2811	Structural metal products	...	...	...	...	...	...	...	...	...	...	...
2812	Tanks, reservoirs and containers of metal	...	...	...	...	...	...	...	...	...	...	...
2813	Steam generators	...	...	...	...	...	...	...	...	...	...	...
289	Other metal products; metal working services	...	...	...	26782	25941	25761	...	325.7	335.9	353.9	...
2891	Metal forging/pressing/stamping/roll-forming	...	...	...	...	...	...	...	...	...	...	...
2892	Treatment & coating of metals	...	...	...	...	...	...	...	...	...	...	...
2893	Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...	...
2899	Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...	...	...	...
291	General purpose machinery	...	...	...	18052	17690	18582	...	180.3	189.4	199.9	...
2911	Engines & turbines(not for transport equip.)	...	...	...	...	...	...	...	...	...	...	...
2912	Pumps, compressors, taps and valves	...	...	...	...	...	...	...	...	...	...	...
2913	Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...	...	...	...
2914	Ovens, furnaces and furnace burners	...	...	...	...	...	...	...	...	...	...	...
2915	Lifting and handling equipment	...	...	...	...	...	...	...	...	...	...	...
2919	Other general purpose machinery	...	...	...	...	...	...	...	...	...	...	...
292	Special purpose machinery	...	...	...	16830	16584	16085	...	177.8	173.0	172.1	...
2921	Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...	...	...
2922	Machine tools	...	...	...	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	...	...	...	11669	10545	9791	...	153.9	136.6	114.8	...

cont inued

Argentina

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million PESOS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
ISIC Industry															
3000 Office, accounting and computing machinery		...	...	...	...		683	560	601	...		15.4	9.7	11.3	...
3110 Electric motors, generators and transformers		...	...	...	...		7661g/	7497g/	7311g/	...		65.0g/	79.3g/	74.1g/	...
3120 Electricity distribution & control apparatus		...	...	...	...		...g/	...g/	...g/	...		...g/	...g/	...g/	...
3130 Insulated wire and cable		...	...	...	...		3741	3537	3434	...		60.6	55.6	54.2	...
3140 Accumulators, primary cells and batteries		...	...	...	...		12105h/	10647h/	10411h/	...		155.3h/	123.5h/	129.2h/	...
3150 Lighting equipment and electric lamps		...	...	...	...		...h/	...h/	...h/	...		...h/	...h/	...h/	...
3190 Other electrical equipment n.e.c.		...	...	...	...		...h/	...h/	...h/	...		...h/	...h/	...h/	...
3210 Electronic valves, tubes, etc.		...	...	...	...		4957i/	4329i/	4463i/	...		94.2i/	94.0i/	88.0i/	...
3220 TV/radio transmitters; line comm. apparatus		...	...	...	...		...i/	...i/	...i/	...		...i/	...i/	...i/	...
3230 TV and radio receivers and associated goods		...	...	...	...		4066	3354	3496	...		76.7	66.3	68.7	...
331 Medical, measuring, testing appliances, etc.		...	...	...	...		5193j/	5442j/	5321j/	...		61.6j/	66.8j/	64.2j/	...
3311 Medical, surgical and orthopaedic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3313 Industrial process control equipment		...	...	...	...		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		...	...	...	...		...j/	...j/	...j/	...		...j/	...j/	...j/	...
3330 Watches and clocks		...	...	...	...		...j/	...j/	...j/	...		...j/	...j/	...j/	...
3410 Motor vehicles		...	...	...	...		23996	22596	21023	...		526.6	465.7	452.3	...
3420 Automobile bodies, trailers & semi-trailers		...	...	...	...		5198	4689	4760	...		45.5	39.6	46.3	...
3430 Parts/accessories for automobiles		...	...	...	...		30599	28473	27056	...		434.0	370.4	355.6	...
351 Building and repairing of ships and boats		...	...	...	...		2333	2394	2364	...		30.6	34.4	38.6	...
3511 Building and repairing of ships		...	...	...	...		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		...	...	...	...		...	...	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		...	...	...	...		916k/	1513k/	2468k/	...		9.1k/	21.2k/	36.9k/	...
3530 Aircraft and spacecraft		...	...	...	...		...k/	...k/	...k/	...		...k/	...k/	...k/	...
359 Transport equipment n.e.c.		...	...	...	...		2944	2327	2011	...		31.1	31.5	22.9	...
3591 Motorcycles		...	...	...	...		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		...	...	...	...		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3610 Furniture		...	...	...	...		10296	9559	10226	...		84.8	95.0	88.0	...
369 Manufacturing n.e.c.		...	...	...	...		4525	4458	4373	...		40.8	38.8	42.7	...
3691 Jewellery and related articles		...	...	...	...		...	...	...	...		...	...	...	...
3692 Musical instruments		...	...	...	...		...	...	...	...		...	...	...	...
3693 Sports goods		...	...	...	...		...	...	...	...		...	...	...	...
3694 Games and toys		...	...	...	...		...	...	...	...		...	...	...	...
3699 Other manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3710 Recycling of metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
3720 Recycling of non-metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
D Total manufacturing		...	...	...	...		756685	718427	713423	...		9553.8	9440.9	9417.7	...

- a/ 1810 includes 1820.
- b/ 2010 includes 202.
- c/ 222 includes 2230.
- d/ 2310 includes 2330.
- e/ 241 includes 2421.
- f/ 2422 includes 2423, 2424 and 2429.
- g/ 3110 includes 3120.
- h/ 3140 includes 3150 and 3190.
- i/ 3210 includes 3220.
- j/ 331 includes 3320 and 3330.
- k/ 3520 includes 3530.

Argentina

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation			
	Note	(million PESOS)				Note	(million PESOS)				(million PESOS)	
		1994	1995	1996	1997		1994	1995	1996	1997	1996	1997
151 Processed meat, fish, fruit, vegetables, fats		10222.5	10549.6	11367.9	...		2109.6	1843.4	1816.4	...		...
1511 Processing/preserving of meat		...	...	...	...		...	...	...	...		...
1512 Processing/preserving of fish		...	...	...	...		...	...	...	...		...
1513 Processing/preserving of fruit & vegetables		...	...	...	...		...	...	...	...		...
1514 Vegetable and animal oils and fats		...	...	...	...		...	...	...	...		...
1520 Dairy products		3061.1	3543.1	3619.8	...		826.1	908.6	1012.3	...		...
153 Grain mill products; starches; animal feeds		1918.9	2239.9	2785.4	...		509.3	538.2	507.2	...		...
1531 Grain mill products		...	...	...	...		...	...	...	...		...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...
1533 Prepared animal feeds		...	...	...	...		...	...	...	...		...
154 Other food products		4845.0	5221.1	5332.9	...		1943.1	2315.8	2111.5	...		...
1541 Bakery products		...	...	...	...		...	...	...	...		...
1542 Sugar		...	...	...	...		...	...	...	...		...
1543 Cocoa, chocolate and sugar confectionery		...	...	...	...		...	...	...	...		...
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...
1549 Other food products n.e.c.		...	...	...	...		...	...	...	...		...
155 Beverages		5325.9	5169.3	5263.4	...		2284.8	2186.6	2159.8	...		...
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...
1552 Wines		...	...	...	...		...	...	...	...		...
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...
1600 Tobacco products		2470.6	2432.6	2597.7	...		1988.4	1934.6	2042.2	...		...
171 Spinning, weaving and finishing of textiles		2416.6	2413.7	2632.0	...		890.4	724.6	810.8	...		...
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...		...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...
172 Other textiles		577.9	490.8	565.5	...		277.7	192.8	178.5	...		...
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...
1730 Knitted and crocheted fabrics and articles		525.8	435.9	520.3	...		208.7	153.5	202.2	...		...
1810 Wearing apparel, except fur apparel		1460.2a/	1201.3a/	1236.1a/	...		577.5a/	463.9a/	463.7a/	...		...
1820 Dressing & dyeing of fur; processing of fur		...a/	...a/	...a/	...		...a/	...a/	...a/	...		...
191 Tanning, dressing and processing of leather		1319.6	1481.7	1486.7	...		278.8	371.5	340.6	...		...
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...		...
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...
1920 Footwear		1125.3	908.6	920.4	...		431.3	385.1	342.4	...		...
2010 Sawmilling and planing of wood		544.9b/	519.8b/	559.8b/	...		232.6b/	206.2b/	219.3b/	...		...
202 Products of wood, cork, straw, etc.		...b/	...b/	...b/	...		...b/	...b/	...b/	...		...
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...		...	...	...	...		...
2022 Builders' carpentry and joinery		...	...	...	...		...	...	...	...		...
2023 Wooden containers		...	...	...	...		...	...	...	...		...
2029 Other wood products; articles of cork/straw		...	...	...	...		...	...	...	...		...
210 Paper and paper products		2487.3	2784.3	2610.3	...		857.6	980.4	852.1	...		...
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...
221 Publishing		1930.1	1831.1	1786.7	...		930.2	830.7	837.7	...		...
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...
2219 Other publishing		...	...	...	...		...	...	...	...		...

continued

Argentina

ISIC Revision 3	Output in producers' prices					Value added in producers' prices					Gross fixed capital formation		
	Note	(million PESOS)				Note	(million PESOS)				Note	(million PESOS)	
		1994	1995	1996	1997		1994	1995	1996	1997		1996	1997
222 Printing and related service activities		1103.1c/	1260.9c/	1291.8c/	...		454.4c/	519.5c/	511.2c/	...		...	...
2221 Printing		...	...	...	...		...	...	...	...		...	...
2222 Service activities related to printing		...	...	...	...		...	...	...	...		...	...
2230 Reproduction of recorded media		...c/	...c/	...c/	...		...c/	...c/	...c/	...		...	...
2310 Coke oven products		76.8d/	95.1d/	114.5d/	...		27.9d/	47.9d/	50.5d/	...		...	...
2320 Refined petroleum products		7372.2	7439.5	7960.2	...		3831.2	3789.3	3761.5	...		...	...
2330 Processing of nuclear fuel		...d/	...d/	...d/	...		...d/	...d/	...d/	...		...	...
241 Basic chemicals		3047.3e/	3429.2e/	3688.7e/	...		1110.5e/	1294.5e/	1320.5e/	...		...	...
2411 Basic chemicals, except fertilizers		...	...	...	...		...	...	...	...		...	...
2412 Fertilizers and nitrogen compounds		...	...	...	...		...	...	...	...		...	...
2413 Plastics in primary forms; synthetic rubber		...	...	...	...		...	...	...	...		...	...
242 Other chemicals		...	...	...	...		...	...	...	...		...	...
2421 Pesticides and other agro-chemical products		...e/	...e/	...e/	...		...e/	...e/	...e/	...		...	...
2422 Paints, varnishes, printing ink and mastics		7444.2f/	7379.5f/	7822.6f/	...		3355.6f/	3376.1f/	3483.8f/	...		...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		...f/	...f/	...f/	...		...f/	...f/	...f/	...		...	...
2424 Soap, cleaning & cosmetic preparations		...f/	...f/	...f/	...		...f/	...f/	...f/	...		...	...
2429 Other chemical products n.e.c.		...f/	...f/	...f/	...		...f/	...f/	...f/	...		...	...
2430 Man-made fibres		284.1	272.2	288.8	...		108.5	96.4	99.7	...		...	...
251 Rubber products		669.5	669.5	774.1	...		288.9	279.6	322.3	...		...	...
2511 Rubber tyres and tubes		...	...	...	...		...	...	...	...		...	...
2519 Other rubber products		...	...	...	...		...	...	...	...		...	...
2520 Plastic products		2013.8	2109.4	2260.9	...		763.7	755.5	815.9	...		...	...
2610 Glass and glass products		545.7	485.7	559.2	...		263.2	236.1	280.2	...		...	...
269 Non-metallic mineral products n.e.c.		2251.4	2037.2	2218.2	...		1110.2	977.3	1102.2	...		...	...
2691 Pottery, china and earthenware		...	...	...	...		...	...	...	...		...	...
2692 Refractory ceramic products		...	...	...	...		...	...	...	...		...	...
2693 Struct.non-refractory clay; ceramic products		...	...	...	...		...	...	...	...		...	...
2694 Cement, lime and plaster		...	...	...	...		...	...	...	...		...	...
2695 Articles of concrete, cement and plaster		...	...	...	...		...	...	...	...		...	...
2696 Cutting, shaping & finishing of stone		...	...	...	...		...	...	...	...		...	...
2699 Other non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...		...	...
2710 Basic iron and steel		3142.2	3500.6	3869.3	...		910.1	997.2	1110.0	...		...	...
2720 Basic precious and non-ferrous metals		704.6	791.3	692.6	...		177.1	196.4	165.1	...		...	...
273 Casting of metals		720.2	687.6	818.1	...		257.5	280.2	286.0	...		...	...
2731 Casting of iron and steel		...	...	...	...		...	...	...	...		...	...
2732 Casting of non-ferrous metals		...	...	...	...		...	...	...	...		...	...
281 Struct.metall products;tanks;steam generators		632.1	597.9	623.5	...		212.6	188.4	247.2	...		...	...
2811 Structural metal products		...	...	...	...		...	...	...	...		...	...
2812 Tanks, reservoirs and containers of metal		...	...	...	...		...	...	...	...		...	...
2813 Steam generators		...	...	...	...		...	...	...	...		...	...
289 Other metal products; metal working services		1938.1	1813.9	1968.6	...		764.9	679.2	711.4	...		...	...
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	...		...	...	...	...		...	...
2892 Treatment & coating of metals		...	...	...	...		...	...	...	...		...	...
2893 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...		...	...
2899 Other fabricated metal products n.e.c.		...	...	...	...		...	...	...	...		...	...
291 General purpose machinery		1285.7	1359.8	1559.8	...		523.1	446.4	576.2	...		...	...
2911 Engines & turbines(not for transport equip.)		...	...	...	...		...	...	...	...		...	...
2912 Pumps, compressors, taps and valves		...	...	...	...		...	...	...	...		...	...
2913 Bearings, gears, gearing & driving elements		...	...	...	...		...	...	...	...		...	...
2914 Ovens, furnaces and furnace burners		...	...	...	...		...	...	...	...		...	...
2915 Lifting and handling equipment		...	...	...	...		...	...	...	...		...	...
2919 Other general purpose machinery		...	...	...	...		...	...	...	...		...	...



292 Special purpose machinery	1142.3	991.2	1133.8	...	410.1	334.7	391.3	...	...	...
2921 Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...	...
2922 Machine tools	...	...	...	...	...	...	...	...	...	...
2923 Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...
2924 Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...
2925 Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...
2926 Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...
2927 Weapons and ammunition	...	...	...	...	...	...	...	...	...	...
2929 Other special purpose machinery	...	...	...	...	...	...	...	...	...	...
2930 Domestic appliances n.e.c.	1113.7	889.0	1003.6	...	396.0	273.3	326.6	...	...	...
3000 Office, accounting and computing machinery	209.8	90.1	84.0	...	75.6	33.8	38.4	...	...	...
3110 Electric motors, generators and transformers	425.2g/	412.2g/	475.6g/	...	204.8g/	188.7g/	231.4g/	...	...	...
3120 Electricity distribution & control apparatus	...g/	...g/	...g/	...	...g/	...g/	...g/	...	...	...
3130 Insulated wire and cable	454.6	457.2	435.4	...	102.0	139.9	107.1	...	...	...
3140 Accumulators, primary cells and batteries	1008.6h/	694.7h/	712.4h/	...	399.9h/	236.1h/	281.5h/	...	...	...
3150 Lighting equipment and electric lamps	...h/	...h/	...h/	...	...h/	...h/	...h/	...	...	...
3190 Other electrical equipment n.e.c.	...h/	...h/	...h/	...	...h/	...h/	...h/	...	...	...
3210 Electronic valves, tubes, etc.	692.2i/	670.1i/	518.0i/	...	274.8i/	246.0i/	237.8i/	...	...	...
3220 TV/radio transmitters; line comm. apparatus	...i/	...i/	...i/	...	...i/	...i/	...i/	...	...	...
3230 TV and radio receivers and associated goods	854.4	514.4	568.1	...	292.5	143.9	160.2	...	...	...
331 Medical, measuring, testing appliances, etc.	353.4j/	319.0j/	304.0j/	...	137.7j/	141.0j/	114.1j/	...	...	...
3311 Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...	...
3313 Industrial process control equipment	...	...	...	...	...	...	...	...	...	...
3320 Optical instruments & photographic equipment	...j/	...j/	...j/	...	...j/	...j/	...j/	...	...	...
3330 Watches and clocks	...j/	...j/	...j/	...	...j/	...j/	...j/	...	...	...
3410 Motor vehicles	6536.2	4629.2	5480.2	...	1467.2	878.3	964.8	...	...	...
3420 Automobile bodies, trailers & semi-trailers	290.1	203.7	237.7	...	81.4	55.2	59.1	...	...	...
3430 Parts/accessories for automobiles	2351.2	1961.1	2168.9	...	882.1	658.7	822.9	...	...	...
351 Building and repairing of ships and boats	101.4	122.1	110.9	...	40.9	45.2	34.6	...	...	...
3511 Building and repairing of ships	...	...	...	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	50.3k/	83.8k/	146.2k/	...	22.9k/	40.4k/	56.0k/	...	...	...
3530 Aircraft and spacecraft	...k/	...k/	...k/	...	...k/	...k/	...k/	...	...	...
359 Transport equipment n.e.c.	280.5	155.0	182.4	...	87.5	44.5	86.4	...	...	...
3591 Motorcycles	...	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...
3610 Furniture	599.2	536.9	580.8	...	229.0	249.6	216.6	...	...	...
369 Manufacturing n.e.c.	338.3	273.4	263.0	...	170.3	127.1	134.4	...	...	...
3691 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...
3692 Musical instruments	...	...	...	...	...	...	...	...	...	...
3693 Sports goods	...	...	...	...	...	...	...	...	...	...
3694 Games and toys	...	...	...	...	...	...	...	...	...	...
3699 Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...
3710 Recycling of metal waste and scrap	...	...	...	...	...	...	...	...	...	...
3720 Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...	...	...
D Total manufacturing	90264.1	88154.7	94200.8	...	33798.1	32052.3	33003.6	...	...	...

a/ 1810 includes 1820.

b/ 2010 includes 202.

c/ 222 includes 2230.

d/ 2310 includes 2330.

e/ 241 includes 2421.

f/ 2422 includes 2423, 2424 and 2429.

g/ 3110 includes 3120.

h/ 3140 includes 3150 and 3190.

i/ 3210 includes 3220.

j/ 331 includes 3320 and 3330.

k/ 3520 includes 3530.

Argentina

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		...	...	...	100	113	124	125	134	136	137	144	148
16	Tobacco products		...	...	...	100	104	111	116	119	119	119	120	122
17	Textiles		...	...	...	100	110	110	95	98	94	101	96	83
18	Wearing apparel, fur		...	...	...	100	107	129	111	118	103	114	112	105
19	Leather, leather products and footwear		...	...	...	100	123	133	133	145	125	152	163	150
20	Wood products (excl. furniture)		...	...	...	100	111	107	125	137	99	103	148	152
21	Paper and paper products		...	...	...	100	112	129	131	146	154	158	156	152
22	Printing and publishing		...	...	...	100	122	166	195	196	156	172	203	199
23	Coke, refined petroleum products, nuclear fuel		...	...	...	100	106	110	111	109	102	104	114	119
24	Chemicals and chemical products		...	...	...	100	103	117	123	130	127	135	145	151
25	Rubber and plastics products		...	...	...	100	128	147	164	183	153	181	202	196
26	Non-metallic mineral products		...	...	...	100	114	131	142	145	125	127	142	141
27	Basic metals		...	...	...	100	88	86	90	99	105	117	130	132
28	Fabricated metal products		...	...	...	100	114	126	135	137	120	124	125	126
29	Machinery and equipment n.e.c.		...	...	...	100	93	102	106	105	104	112	118	118
30	Office, accounting and computing machinery		...	...	...	100	130	121	83	54	46	40	53	54
31	Electrical machinery and apparatus		...	...	...	100	111	108	113	102	93	97	107	111
32	Radio, television and communication equipment		...	...	...	100	134	225	215	191	134	212	248	252
33	Medical, precision and optical instruments		...	...	...	100	106	93	75	66	55	52	70	63
34	Motor vehicles, trailers, semi-trailers		...	...	...	100	125	211	258	291	217	241	325	340
35	Other transport equipment		...	...	...	100	109	126	96	99	89	91	104	127
36	Furniture; manufacturing n.e.c.		...	...	...	100	121	151	169	168	142	160	210	218
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		...	...	...	100	110	124	129	135	125	133	146	147

## ARMENIA

<p><b>Supplier of information:</b> Ministry of Statistics, State Register and Analysis of the Republic of Armenia, Yerevan.</p> <p><b>Basic source of data:</b> Not reported.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Not reported.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b></p>
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Armenia

ISIC Revision 2 ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million DRAMS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		119	114	121	191		20978	18835	15234	15994		1977	2574	2520	2755
313 Beverages		46	44	49	61		...	...	...	...		...	...	...	...
314 Tobacco		4	4	5	5		...	...	...	...		...	...	...	...
321 Textiles		54	75	59	65		25443	20925	16739	13760		613	514	373	1040
322 Wearing apparel, except footwear		63	51	45	61		20036	15971	9600	9818		358	377	489	1025
323 Leather and fur products		4	2	2	3		...	...	...	...		...	...	...	...
324 Footwear, except rubber or plastic		29	31	26	22		...	...	...	...		...	...	...	...
331 Wood products, except furniture		10	22	22	21		...	...	...	...		...	...	...	...
332 Furniture and fixtures, excl. metal		22	19	17	18		...	...	...	...		...	...	...	...
341 Paper and products		2	3	5	6		...	...	...	...		...	...	...	...
342 Printing and publishing		45	44	38	48		...	...	...	...		...	...	...	...
351 Industrial chemicals		8	8	8	9		...	...	...	...		...	...	...	...
352 Other chemicals		7	6	7	10		...	...	...	...		...	...	...	...
353 Petroleum refineries		-	-	-	-		...	...	...	...		...	...	...	...
354 Misc. petroleum and coal products		1	-	-	-		...	...	...	...		...	...	...	...
355 Rubber products		5	3	3	3		...	...	...	...		...	...	...	...
356 Plastic products		4	14	14	20		...	...	...	...		...	...	...	...
361 Pottery, china, earthenware		2	3	3	5		...	...	...	...		...	...	...	...
362 Glass and products		5	7	8	8		...	...	...	...		...	...	...	...
369 Other non-metallic mineral products		41	38	53	69		...	...	...	...		...	...	...	...
371 Iron and steel		4	2	4	2		...	...	...	...		...	...	...	...
372 Non-ferrous metals		3	2	3	5		...	...	...	...		...	...	...	...
381 Fabricated metal products		55	52	50	58		...	...	...	...		...	...	...	...
382 Non-electrical machinery		78	77	77	90		...	...	...	...		...	...	...	...
383 Electrical machinery		37	34	34	43		...	...	...	...		...	...	...	...
384 Transport equipment		8	2	2	6		...	...	...	...		...	...	...	...
385 Professional and scientific equipment		28	17	13	20		...	...	...	...		...	...	...	...
390 Other manufacturing industries		34	65	66	61		...	...	...	...		...	...	...	...
3 Total manufacturing		718	739	734	910		239859	211453	180899	165342		18363	22176	22978	26432

## Armenia

ISIC Revision 2	Output in producers' prices				Value added				Gross fixed capital formation				
	Note	(million DRAMS)				Note	(million DRAMS)				Note	(million DRAMS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
311/2 Food products		48186	96027	102386	93049		...	...	...	...		11962	17353
313 Beverages		4773	5105	13497	15173		...	...	...	...		11555	15065
314 Tobacco		1754	178	2193	5718		...	...	...	...		1738	1630
321 Textiles		2472	2675	1050	1691		...	...	...	...		3761	4152
322 Wearing apparel, except footwear		8014	2829	8867	8635		...	...	...	...		1664	1404
323 Leather and fur products		179	54	24	58		...	...	...	...		384	378
324 Footwear, except rubber or plastic		1314	801	364	564		...	...	...	...		1958	1736
331 Wood products, except furniture		457	364	1905	385		...	...	...	...		347	1167
332 Furniture and fixtures, excl. metal		417	396	332	335		...	...	...	...		407	398
341 Paper and products		139	78	79	100		...	...	...	...		118	773
342 Printing and publishing		990	960	1272	1798		...	...	...	...		1167	2882
351 Industrial chemicals		5049	6295	7356	5140		...	...	...	...		1985	2134
352 Other chemicals		1731	2279	1220	1849		...	...	...	...		949	1626
353 Petroleum refineries		-	-	-	-		...	...	...	...		-	-
354 Misc. petroleum and coal products		412	-	-	-		...	...	...	...		-	-
355 Rubber products		976	856	78	257		...	...	...	...		371	374
356 Plastic products		186	385	308	985		...	...	...	...		525	654
361 Pottery, china, earthenware		87	63	26	11		...	...	...	...		120	189
362 Glass and products		507	331	891	971		...	...	...	...		476	574
369 Other non-metallic mineral products		6561	6730	8901	8939		...	...	...	...		5978	6453
371 Iron and steel		251	62	246	335		...	...	...	...		824	693
372 Non-ferrous metals		2786	1715	734	3969		...	...	...	...		475	8633
381 Fabricated metal products		2906	3404	2803	2596		...	...	...	...		4606	4266
382 Non-electrical machinery		5455	10153	7705	4765		...	...	...	...		14794	18337
383 Electrical machinery		8658	5886	2371	2375		...	...	...	...		8087	10255
384 Transport equipment		813	74	48	371		...	...	...	...		738	1237
385 Professional and scientific equipment		4729	21029	14820	1100		...	...	...	...		3758	3054
390 Other manufacturing industries		21064	4688	4613	11785		...	...	...	...		7361	8420
3 Total manufacturing		130867	173417	184093	172953		...	...	...	...		86106	113835

Armenia

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products		...	...	...	...	...	...	...	...	...	...	...	...
313 Beverages		...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco		...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	...	...	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		...	...	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		...	...	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

## AUSTRALIA

<p><b>Supplier of information:</b> Australian Bureau of Statistics, Canberra. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p><b>Basic source of data:</b> Annual manufacturing survey.</p> <p><b>Major deviations from ISIC (Revision 3):</b> Data have been compiled on the basis of the Australian and New Zealand Standard Industrial Classification (ANZSIC). This classification is not fully compatible to the ISIC (Rev. 3), especially at a high level of disaggregation.</p> <p><b>Reference period (if not calendar year):</b> Fiscal year ending 30 June of the year indicated.</p> <p><b>Scope:</b> All establishments with paid employees.</p> <p><b>Method of enumeration:</b> Questionnaires are distributed by mail.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of persons engaged</u> is not converted to full-time equivalent. <u>Wages and salaries</u> includes salaries and fees of directors and drawings from profits by working proprietors and partners but excludes payments to consultants, contractors and persons paid solely by commission. Payments and benefits in kind are excluded. <u>Output</u> is measured as the sum of the value of sales of goods or services produced by the unit, receipts for industrial work done or industrial services rendered to others, resales and net change in stocks of goods purchased for resale in the same condition as received, net change in stocks of finished goods and in stocks of work in progress manufactured by the unit, value of electricity sold and value of capital assets manufactured for own use. Advertising incomes are also included. Valuation is made at basic prices. <u>Value added</u> is output less value of industrial materials and services for processing, value of fuels and purchased electricity, cost of industrial services received, and payments for contract and commission work. Valuation is made at basic prices.</p> <p><b>Related national publications:</b> Manufacturing Industry, published by the Australian Bureau of Statistics, Canberra.</p>
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## Australia

ISIC Revision 3 ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million DOLLARS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
151 Processed meat, fish, fruit, vegetables, fats		987	1045	1078	1095		62961	63174	62263	63372		1806	1812	1819	2002
1511 Processing/preserving of meat		620	606	606	622		46386	45448	45355	47038		1297	1283	1291	1423
1512 Processing/preserving of fish		139	154	176	167		4372	4560	4069	3677		86	99	85	91
1513 Processing/preserving of fruit & vegetables		187	241	248	249		10363	11319	11241	10989		345	351	376	414
1514 Vegetable and animal oils and fats		41	44	48	57		1840	1847	1598	1668		79	78	66	75
1520 Dairy products		223	229	259	235		15792	16346	16626	17216		517	551	583	645
153 Grain mill products; starches; animal feeds		...	...	...	...		...	...	...	...		...	...	...	...
1531 Grain mill products		67	51	53	55		3501	2703	2446	2495		121	100	96	110
1532 Starches and starch products	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
1533 Prepared animal feeds		216	252	182	225		4591	4730	3986	4301		131	156	150	175
154 Other food products		...	...	...	...		...	...	...	...		...	...	...	...
1541 Bakery products		1082	918	1021	977		28422	27462	26197	25899		683	697	688	715
1542 Sugar		25	24	25	24		6687	6521	6696	6551		223	223	245	276
1543 Cocoa, chocolate and sugar confectionery		142	153	132	186		6489	7610	6709	6451		219	250	238	261
1544 Macaroni, noodles & similar products	a/	103	202	206	206	a/	5568	5928	5964	5709	a/	183	167	187	187
1549 Other food products n.e.c.		410	364	429	537		13563	13289	13601	14939		436	404	446	529
155 Beverages		442	466	521	439		17121	17049	16812	15628		579	609	600	612
1551 Distilling, rectifying & blending of spirits		14	18	15	12		358	319	302	355		10	9	10	10
1552 Wines		247	281	278	269		6661	7198	7232	6974		157	186	205	205
1553 Malt liquors and malt		43	45	34	39		3889	3802	3200	2947		216	208	176	172
1554 Soft drinks; mineral waters		139	121	194	119		5213	5730	6078	5352		196	205	210	225
1600 Tobacco products		6	5	5	5		2333	1822	1612	1569		119	112	95	88
171 Spinning, weaving and finishing of textiles		...	...	...	...		...	...	...	...		...	...	...	...
1711 Textile fibre preparation; textile weaving	b/	202	194	185	165	b/	12216	12280	11551	11289	b/	371	399	377	391
1712 Finishing of textiles		102	138	102	98		2478	2380	2111	1802		73	76	65	61
172 Other textiles		1045	1054	1131	1192		12494	12407	12221	11769		279	318	305	334
1721 Made-up textile articles, except apparel		703	755	831	842		6016	6457	6105	5665		118	143	131	139
1722 Carpets and rugs		87	74	57	75		3453	3391	2759	2918		90	109	87	101
1723 Cordage, rope, twine and netting		29	31	37	32		515	596	593	688		15	18	18	25
1729 Other textiles n.e.c.		225	194	206	242		2510	1964	2764	2498		56	48	68	68
1730 Knitted and crocheted fabrics and articles		230	244	223	237		7078	6688	6368	6310		183	184	169	191
1810 Wearing apparel, except fur apparel		3041	3700	4345	4915		34366	35962	35726	...		698	733	721	780
1820 Dressing & dyeing of fur; processing of fur	c/	109	118	126	116	c/	2910c/	3240c/	3064c/	...	c/	83	93	91	110
191 Tanning, dressing and processing of leather		...	...	...	...		...	...	...	...		...	...	...	...
1911 Tanning and dressing of leather	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
1912 Luggage, handbags, etc.; saddlery & harness		148	175	175	155		1056	1072	1263	892		18	21	26	20
1920 Footwear		257	170	258	257		7322	6026	5713	5855		164	149	141	146
2010 Sawmilling and planing of wood		2893d/	2901d/	3294d/	...		34276d/	35271d/	32949d/	...		790d/	886d/	837d/	...
202 Products of wood, cork, straw, etc.		...	...	...	...		...	...	...	...		...	...	...	...
2021 Veneer sheets, plywood, particle board, etc.		115	124	133	183		5603	6209	5921	5530		182	219	206	219
2022 Builders' carpentry and joinery		...d/	...d/	...d/	...		...d/	...d/	...d/	...		...d/	...d/	...d/	...
2023 Wooden containers		1104e/	1392e/	1367e/	...		7563e/	7847e/	7406e/	...		148e/	162e/	148e/	...
2029 Other wood products; articles of cork/straw		...e/	...e/	...e/	...		...e/	...e/	...e/	...		...e/	...e/	...e/	...
210 Paper and paper products		...	...	...	...		...	...	...	...		...	...	...	...
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
2102 Corrugated paper and paperboard		124	129	162	127		8325	8593	10746	9026		337	378	418	400
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
221 Publishing		...	...	...	...		...	...	...	...		...	...	...	...
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...	...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...	...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...	...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...	...	...



222	Printing and related service activities	...	...	...	...	...	...	...	...	...	...	...	...			
2221	Printing	...	...	...	...	...	...	...	...	...	...	...	...			
2222	Service activities related to printing	917	767	843	950	8077	6798	6944	7065	242	213	218	225			
2230	Reproduction of recorded media	...	...	...	...	...	...	...	...	...	...	...	...			
2310	Coke oven products	43	26	36	30	486	529	776	647	18	23	36	34			
2320	Refined petroleum products	32	24	29	29	4053	3649	3584	3667	245	240	211	252			
2330	Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...			
241	Basic chemicals	f/	377	424	421	595	f/	20165	21358	20368	25921	f/	882	902	920	1210
2411	Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2412	Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	108	138	131	162	4293	4852	4132	4695	213	217	215	250			
242	Other chemicals	708	702	789	774	18592	19260	20094	20001	665	731	763	807			
2421	Pesticides and other agro-chemical products	22	30	34	32	1050	1500	1598	1445	43	67	73	70			
2422	Paints, varnishes, printing ink and mastics	197	210	211	200	5991	5749	6082	6140	214	213	224	237			
2423	Pharmaceuticals, medicinal chemicals, etc.	f/	...	...	...	...	f/	...	...	...	...	...	...			
2424	Soap, cleaning & cosmetic preparations	287	280	347	328	6852	7219	7668	7269	228	259	267	286			
2429	Other chemical products n.e.c.	202	182	197	214	4699	4792	4746	5147	180	192	199	214			
2430	Man-made fibres	b/	...	...	...	...	b/	...	...	...	...	...	...			
251	Rubber products	289	274	278	296	8114	8107	7842	8154	298	301	308	331			
2511	Rubber tyres and tubes	90	90	68	81	4003	3880	3715	3792	181	173	183	186			
2519	Other rubber products	199	184	210	215	4111	4227	4128	4362	117	128	125	146			
2520	Plastic products	1562	1630	1775	1684	34310	35270	36058	34979	997	1087	1111	1171			
2610	Glass and glass products	293	325	318	353	5647	5764	5243	5328	214	212	200	217			
269	Non-metallic mineral products n.e.c.	1727	1705	1820	1819	33229	33253	31108	31841	1085	1121	1050	1154			
2691	Pottery, china and earthenware	315	355	315	318	3744	3760	3046	2993	99	103	84	90			
2692	Refractory ceramic products	52	69	54	60	1219	1264	1337	1276	46	48	45	47			
2693	Struct.non-refractory clay; ceramic products	86	63	73	71	4982	4687	4146	4089	167	167	155	146			
2694	Cement, lime and plaster	915g/	866g/	1006g/	...	18446g/	19169g/	18233g/	...	620g/	659g/	622g/	...			
2695	Articles of concrete, cement and plaster	...g/	...g/	...g/	...	...g/	...g/	...g/	...	...g/	...g/	...g/	...			
2696	Cutting, shaping & finishing of stone	360h/	352h/	371h/	...	4838h/	4373h/	4346h/	...	153h/	144h/	144h/	...			
2699	Other non-metallic mineral products n.e.c.	...h/	...h/	...h/	...	...h/	...h/	...h/	...	...h/	...h/	...h/	...			
2710	Basic iron and steel	...	...	...	...	...	...	...	...	...	...	...	...			
2720	Basic precious and non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...			
273	Casting of metals	...	...	...	...	...	...	...	...	...	...	...	...			
2731	Casting of iron and steel	...	...	...	...	...	...	...	...	...	...	...	...			
2732	Casting of non-ferrous metals	96	86	92	97	1779	1540	1034	1204	51	48	27	34			
281	Struct.met.al products;tanks;steam generators	...	...	...	...	...	...	...	...	...	...	...	...			
2811	Structural metal products	2948	3102	3390	3243	36455	38062	39340	38953	959	1044	1163	1206			
2812	Tanks, reservoirs and containers of metal	126	144	132	115	4930	5006	4581	3896	172	180	159	145			
2813	Steam generators	...	...	...	...	...	...	...	...	...	...	...	...			
289	Other metal products; metal working services	...	...	...	...	...	...	...	...	...	...	...	...			
2891	Metal forging/pressing/stamping/roll-forming	...	...	...	...	...	...	...	...	...	...	...	...			
2892	Treatment & coating of metals	658	708	879	781	6638	6673	7476	7120	162	172	189	194			
2893	Cutlery, hand tools and general hardware	221	198	211	294	2570	2502	2281	2388	64	64	60	66			
2899	Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...			
291	General purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...			
2911	Engines & turbines(not for transport equip.)	...	...	...	...	...	...	...	...	...	...	...	...			
2912	Pumps, compressors, taps and valves	121	111	157	132	3012	3187	3366	3129	99	110	112	121			
2913	Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...	...	...	...	...			
2914	Ovens, furnaces and furnace burners	...	...	...	...	...	...	...	...	...	...	...	...			
2915	Lifting and handling equipment	433	376	504	426	8533	8016	8809	8485	276	283	280	316			
2919	Other general purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...			
292	Special purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...			
2921	Agricultural and forestry machinery	448	423	626	518	6247	6361	6931	6826	151	160	171	197			
2922	Machine tools	...	...	...	...	...	...	...	...	...	...	...	...			
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...	...	...			
2924	Machinery for mining & construction	291	338	348	344	5720	6495	7094	8148	178	214	224	300			
2925	Food/beverage/tobacco processing machinery	115	109	102	107	1904	2133	2299	2138	59	64	80	81			
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...	...	...			
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...	...	...	...			
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...			
2930	Domestic appliances n.e.c.	377	275	363	344	14366	13550	13088	12909	388	391	414	404			

continued

## Australia

ISIC Revision 3 ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million DOLLARS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
3000 Office, accounting and computing machinery		170	161	150	165		2622	3551	3174	2848		84	124	119	110
3110 Electric motors, generators and transformers	i/	771	700	660	724	i/	16897	15182	15630	16028	i/	490	461	490	542
3120 Electricity distribution & control apparatus	i/	...	...	...	...	i/	...	...	...	...	i/	...	...	...	...
3130 Insulated wire and cable		56	64	53	65		4173	4655	4429	4476		160	184	182	194
3140 Accumulators, primary cells and batteries		19	19	18	13		991	1097	732	646		31	40	38	22
3150 Lighting equipment and electric lamps		354	426	506	442		4769	4844	4834	4572		127	123	123	127
3190 Other electrical equipment n.e.c.	i/	...	...	...	...	i/	...	...	...	...	i/	...	...	...	...
3210 Electronic valves, tubes, etc.	j/	510	553	463	528	j/	6790	9830	10501	10625	j/	191	322	333	383
3220 TV/radio transmitters; line comm. apparatus		139	115	130	151		6944	7658	7592	7519		258	292	320	320
3230 TV and radio receivers and associated goods	j/	...	...	...	...	j/	...	...	...	...	j/	...	...	...	...
331 Medical, measuring, testing appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3311 Medical, surgical and orthopaedic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3313 Industrial process control equipment		...	...	...	...		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3330 Watches and clocks		...	...	...	...		...	...	...	...		...	...	...	...
3410 Motor vehicles		82	82	66	44		22559	22477	20875	20915		779	859	804	865
3420 Automobile bodies, trailers & semi-trailers		478	511	596	584		6424	7345	7721	7692		151	192	207	223
3430 Parts/accessories for automobiles		921	722	899	904		24932	25222	27313	26783		727	787	854	913
351 Building and repairing of ships and boats		573	635	667	756		9981	10275	10754	10645		334	352	354	372
3511 Building and repairing of ships		68	56	77	85		6447	6840	7435	7130		263	284	283	290
3512 Building/repairing of pleasure/sport. boats		505	579	590	671		3534	3435	3319	3515		71	69	70	82
3520 Railway/tramway locomotives & rolling stock		40	108	24	32		5256	5338	5083	5199		182	164	174	201
3530 Aircraft and spacecraft		284	289	271	318		12528	12230	11902	12165		559	533	522	642
359 Transport equipment n.e.c.		65	65	73	75		507	604	629	589		9	14	15	15
3591 Motorcycles		...	...	...	...		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		...	...	...	...		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3610 Furniture		4454	4930	5165	5338		42937	42550	40704	42183		933	962	965	1016
369 Manufacturing n.e.c.		1863	1896	1969	2074		12942	12323	11865	12863		283	277	281	319
3691 Jewellery and related articles		...	...	...	...		...	...	...	...		...	...	...	...
3692 Musical instruments		...	...	...	...		...	...	...	...		...	...	...	...
3693 Sports goods		...	...	...	...		...	...	...	...		...	...	...	...
3694 Games and toys		...	...	...	...		...	...	...	...		...	...	...	...
3699 Other manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3710 Recycling of metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
3720 Recycling of non-metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
D Total manufacturing		44585	47332	54340	55373		911132	924263	944847	945386		...	...	...	...

a/ 1544 includes 1532.

b/ 1711 includes 2430.

c/ 1820 includes 1911.

d/ 2010 includes 2022.

e/ 2023 includes 2029.

f/ 241 includes 2423.

g/ 2694 includes 2695.

h/ 2696 includes 2699.

i/ 3110 includes 3120 and 3190.

j/ 3210 includes 3230.

## Australia

ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	ISIC Industry	Note	(million DOLLARS)				Note	(million DOLLARS)					
			1994	1995	1996	1997		1994	1995	1996	1997	Note	1996
151 Processed meat, fish, fruit, vegetables, fats		13757	13882	13941	14135		...	...	3167	3205		...	...
1511 Processing/preserving of meat		9354	9202	9160	9114		...	...	1904	2087		...	...
1512 Processing/preserving of fish		1090	1104	1042	1041		...	...	225	175		...	...
1513 Processing/preserving of fruit & vegetables		2682	2841	3024	3299		...	...	888	798		...	...
1514 Vegetable and animal oils and fats		631	735	716	681		...	...	150	145		...	...
1520 Dairy products		6311	6144	6591	7024		...	...	1564	1380		...	...
153 Grain mill products; starches; animal feeds		...	...	...	...		...	...	...	...		...	...
1531 Grain mill products		1313	1246	1403	1344		...	...	285	266		...	...
1532 Starches and starch products	a/	...	...	...	...		...	...	...a/	...a/		...	...
1533 Prepared animal feeds		2043	2301	2390	2496		...	...	495	443		...	...
154 Other food products		10181	11004	11686	11988		...	...	3784	3667		...	...
1541 Bakery products		2842	2937	3139	3115		...	...	1188	1084		...	...
1542 Sugar		2132	2529	2535	2521		...	...	606	561		...	...
1543 Cocoa, chocolate and sugar confectionery		1104	1212	1228	1322		...	...	511	453		...	...
1544 Macaroni, noodles & similar products	a/	1530	1688	1931	1931		...	...	586a/	586a/		...	...
1549 Other food products n.e.c.		2573	2638	2853	3099		...	...	893	983		...	...
155 Beverages		5924	6250	6396	6955		...	...	1883	2134		...	...
1551 Distilling, rectifying & blending of spirits		108	92	113	101		...	...	24	45		...	...
1552 Wines		1402	1618	1858	2272		...	...	618	770		...	...
1553 Malt liquors and malt		2387	2438	2420	2370		...	...	792	847		...	...
1554 Soft drinks; mineral waters		2026	2102	2004	2212		...	...	450	472		...	...
1600 Tobacco products		899	935	879	963		...	...	215	369		...	...
171 Spinning, weaving and finishing of textiles		2110	2179	2201	2146		...	...	701	739		...	...
1711 Textile fibre preparation; textile weaving	b/	1815	1861	1902	1868		...	...	578b/	633b/		...	...
1712 Finishing of textiles		295	318	299	278		...	...	123	106		...	...
172 Other textiles		1665	1591	1628	1677		...	...	565	550		...	...
1721 Made-up textile articles, except apparel		584	702	660	652		...	...	189	228		...	...
1722 Carpets and rugs		681	566	577	606		...	...	212	166		...	...
1723 Cordage, rope, twine and netting		74	87	84	110		...	...	33	38		...	...
1729 Other textiles n.e.c.		326	235	308	309		...	...	131	118		...	...
1730 Knitted and crocheted fabrics and articles		1057	1005	965	957		...	...	281	310		...	...
1810 Wearing apparel, except fur apparel		3453	3475	3635	3673		...	...	1259	1289		...	...
1820 Dressing & dyeing of fur; processing of fur	c/	661	822	785	827		...	...	167c/	164c/		...	...
191 Tanning, dressing and processing of leather		...	...	...	...		...	...	...	...		...	...
1911 Tanning and dressing of leather	c/	...	...	...	...		...	...	...c/	...c/		...	...
1912 Luggage, handbags, etc.; saddlery & harness		79	82	112	103		...	...	24	31		...	...
1920 Footwear		643	603	583	624		...	...	195	217		...	...
2010 Sawmilling and planing of wood		4356d/	4684d/	4268d/	...		...	...	1553d/	...		...	...
202 Products of wood, cork, straw, etc.		...	...	...	...		...	...	...	...		...	...
2021 Veneer sheets, plywood, particle board, etc.		1067	1189	1130	1161		...	...	343	369		...	...
2022 Builders' carpentry and joinery		...d/	...d/	...d/	...		...	...	...d/	...		...	...
2023 Wooden containers		675e/	760e/	632e/	...		...	...	279e/	...		...	...
2029 Other wood products; articles of cork/straw		...e/	...e/	...e/	...		...	...	...e/	...		...	...
210 Paper and paper products		...	...	...	...		...	...	...	...		...	...
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...	...
2102 Corrugated paper and paperboard		2002	2106	2350	2299		...	...	762	791		...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...
221 Publishing		...	...	...	...		...	...	...	...		...	...
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...

continued

## Australia

ISIC Revision 3 ISIC Industry	Output				Value added				Gross fixed capital formation			
	Note	(million DOLLARS)				Note	(million DOLLARS)				(million DOLLARS)	
		1994	1995	1996	1997		1994	1995	1996	1997	1996	1997
222 Printing and related service activities		...	...	...	...	...	...	...	...	...	...	
2221 Printing		711	637	600	677	...	...	278	357	...	...	
2222 Service activities related to printing		...	...	...	...	...	...	...	...	...	...	
2230 Reproduction of recorded media		...	...	...	...	...	...	...	...	...	...	
2310 Coke oven products		305	402	377	345	...	...	104	73	...	...	
2320 Refined petroleum products		7790	6943	6622	7645	...	...	968	1245	...	...	
2330 Processing of nuclear fuel		...	...	...	...	...	...	...	...	...	...	
241 Basic chemicals	f/	6837	7805	7800	10394	...	...	2394f/	3016f/	...	...	
2411 Basic chemicals, except fertilizers		...	...	...	...	...	...	...	...	...	...	
2412 Fertilizers and nitrogen compounds		...	...	...	...	...	...	...	...	...	...	
2413 Plastics in primary forms; synthetic rubber		1720	2100	1971	2141	...	...	604	500	...	...	
242 Other chemicals		5478	6015	6529	6757	...	...	1931	2051	...	...	
2421 Pesticides and other agro-chemical products		692	874	1113	1187	...	...	269	304	...	...	
2422 Paints, varnishes, printing ink and mastics		1729	1724	1721	1758	...	...	547	604	...	...	
2423 Pharmaceuticals, medicinal chemicals, etc.	f/	...	...	...	...	...	...	...f/	...f/	...	...	
2424 Soap, cleaning & cosmetic preparations		1758	2031	2213	2164	...	...	667	590	...	...	
2429 Other chemical products n.e.c.		1299	1386	1482	1648	...	...	448	553	...	...	
2430 Man-made fibres	b/	...	...	...	...	...	...	...b/	...b/	...	...	
251 Rubber products		1432	1466	1527	1559	...	...	560	579	...	...	
2511 Rubber tyres and tubes		886	887	918	900	...	...	344	335	...	...	
2519 Other rubber products		545	579	610	659	...	...	217	245	...	...	
2520 Plastic products		5641	5970	6325	6157	...	...	2210	2127	...	...	
2610 Glass and glass products		1177	1155	1160	1066	...	...	504	384	...	...	
269 Non-metallic mineral products n.e.c.		7486	7714	7224	7558	...	...	2398	2273	...	...	
2691 Pottery, china and earthenware		394	387	317	363	...	...	155	176	...	...	
2692 Refractory ceramic products		239	228	229	204	...	...	61	63	...	...	
2693 Struct.non-refractory clay; ceramic products		828	815	695	674	...	...	327	297	...	...	
2694 Cement, lime and plaster		5145g/	5452g/	5211g/	...	...	...	1572g/	...	...	...	
2695 Articles of concrete, cement and plaster		...g/	...g/	...g/	...	...	...	...g/	...	...	...	
2696 Cutting, shaping & finishing of stone		880h/	832h/	772h/	...	...	...	283h/	...	...	...	
2699 Other non-metallic mineral products n.e.c.		...h/	...h/	...h/	...	...	...	...h/	...	...	...	
2710 Basic iron and steel		...	...	...	...	...	...	...	...	...	...	
2720 Basic precious and non-ferrous metals		...	...	...	...	...	...	...	...	...	...	
273 Casting of metals		...	...	...	...	...	...	...	...	...	...	
2731 Casting of iron and steel		...	...	...	...	...	...	...	...	...	...	
2732 Casting of non-ferrous metals		191	176	101	117	...	...	36	45	...	...	
281 Struct.metall products;tanks;steam generators		...	...	...	...	...	...	...	...	...	...	
2811 Structural metal products		5467	5861	5947	6401	...	...	1858	2017	...	...	
2812 Tanks, reservoirs and containers of metal		1242	1264	1131	1024	...	...	312	280	...	...	
2813 Steam generators		...	...	...	...	...	...	...	...	...	...	
289 Other metal products; metal working services		...	...	...	...	...	...	...	...	...	...	
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	...	...	...	...	...	...	...	
2892 Treatment & coating of metals		554	573	648	663	...	...	291	315	...	...	
2893 Cutlery, hand tools and general hardware		227	233	236	239	...	...	108	113	...	...	
2899 Other fabricated metal products n.e.c.		...	...	...	...	...	...	...	...	...	...	
291 General purpose machinery		...	...	...	...	...	...	...	...	...	...	
2911 Engines & turbines(not for transport equip.)		...	...	...	...	...	...	...	...	...	...	
2912 Pumps, compressors, taps and valves		513	537	556	562	...	...	200	199	...	...	
2913 Bearings, gears, gearing & driving elements		...	...	...	...	...	...	...	...	...	...	
2914 Ovens, furnaces and furnace burners		...	...	...	...	...	...	...	...	...	...	
2915 Lifting and handling equipment		1308	1259	1337	1383	...	...	440	453	...	...	
2919 Other general purpose machinery		...	...	...	...	...	...	...	...	...	...	

292	Special purpose machinery	...	...	...	...	...	...	...	...	...	...
2921	Agricultural and forestry machinery	770	786	877	898	...	...	345	292	...	...
2922	Machine tools	...	...	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	910	1095	1219	1567	...	...	382	505	...	...
2925	Food/beverage/tobacco processing machinery	266	300	329	339	...	...	117	119	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	2236	2105	2273	2091	...	...	659	636	...	...
3000	Office, accounting and computing machinery	1013	1345	1434	1371	...	...	263	243	...	...
3110	Electric motors, generators and transformers	i/ 2226	1939	2198	2431	...	...	788i/	855i/	...	...
3120	Electricity distribution & control apparatus	i/ ...	...	...	...	...	...	...i/	...i/	...	...
3130	Insulated wire and cable	1217	1344	1455	1378	...	...	379	362	...	...
3140	Accumulators, primary cells and batteries	226	329	286	144	...	...	69	55	...	...
3150	Lighting equipment and electric lamps	561	538	476	512	...	...	161	173	...	...
3190	Other electrical equipment n.e.c.	i/ ...	...	...	...	...	...	...i/	...i/	...	...
3210	Electronic valves, tubes, etc.	j/ 914	1498	1638	1892	...	...	609j/	682j/	...	...
3220	TV/radio transmitters; line comm. apparatus	1850	2006	2124	2210	...	...	704	938	...	...
3230	TV and radio receivers and associated goods	j/ ...	...	...	...	...	...	...j/	...j/	...	...
331	Medical, measuring, testing appliances, etc.	...	...	...	...	...	...	...	...	...	...
3311	Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...	...
3312	Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...	...
3313	Industrial process control equipment	...	...	...	...	...	...	...	...	...	...
3320	Optical instruments & photographic equipment	...	...	...	...	...	...	...	...	...	...
3330	Watches and clocks	...	...	...	...	...	...	...	...	...	...
3410	Motor vehicles	8998	9658	9462	10174	...	...	2057	2387	...	...
3420	Automobile bodies, trailers & semi-trailers	733	943	970	1012	...	...	365	319	...	...
3430	Parts/accessories for automobiles	3241	3639	4113	4117	...	...	1461	1502	...	...
351	Building and repairing of ships and boats	1808	1721	2097	1984	...	...	607	612	...	...
3511	Building and repairing of ships	1510	1404	1735	1595	...	...	520	490	...	...
3512	Building/repairing of pleasure/sport. boats	298	317	362	389	...	...	86	122	...	...
3520	Railway/tramway locomotives & rolling stock	957	936	738	875	...	...	285	298	...	...
3530	Aircraft and spacecraft	1397	1323	1374	1459	...	...	555	662	...	...
359	Transport equipment n.e.c.	41	63	65	69	...	...	27	23	...	...
3591	Motorcycles	...	...	...	...	...	...	...	...	...	...
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...
3610	Furniture	4082	4178	4130	4424	...	...	1540	1571	...	...
369	Manufacturing n.e.c.	1298	1277	1258	1459	...	...	481	498	...	...
3691	Jewellery and related articles	...	...	...	...	...	...	...	...	...	...
3692	Musical instruments	...	...	...	...	...	...	...	...	...	...
3693	Sports goods	...	...	...	...	...	...	...	...	...	...
3694	Games and toys	...	...	...	...	...	...	...	...	...	...
3699	Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...
3710	Recycling of metal waste and scrap	...	...	...	...	...	...	...	...	...	...
3720	Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	183855	191372	202162	208279	...	...	...	63810	...	...

- a/ 1544 includes 1532.
- b/ 1711 includes 2430.
- c/ 1820 includes 1911.
- d/ 2010 includes 2022.
- e/ 2023 includes 2029.
- f/ 241 includes 2423.
- g/ 2694 includes 2695.
- h/ 2696 includes 2699.
- i/ 3110 includes 3120 and 3190.
- j/ 3210 includes 3230.

## Australia

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
15 Food and beverages	a/	91	96	99	100	103	103	104	108	109	112	114	118
16 Tobacco products	a/	...	...	...	...	...	...	...	...	...	...	...	...
17 Textiles	b/	107	109	111	100	98	92	88	90	87	83	83	81
18 Wearing apparel, fur	b/	...	...	...	...	...	...	...	...	...	...	...	...
19 Leather, leather products and footwear	b/	...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)	c/	101	107	116	100	96	94	100	102	105	106	110	114
21 Paper and paper products	c/	...	...	...	...	...	...	...	...	...	...	...	...
22 Printing and publishing		85	93	97	100	98	91	97	99	104	106	111	111
23 Coke, refined petroleum products, nuclear fuel	d/	93	100	103	100	103	99	101	106	109	115	117	118
24 Chemicals and chemical products	d/	...	...	...	...	...	...	...	...	...	...	...	...
25 Rubber and plastics products	d/	...	...	...	...	...	...	...	...	...	...	...	...
26 Non-metallic mineral products		87	91	102	100	90	88	95	97	97	90	92	94
27 Basic metals	e/	85	91	97	100	98	96	98	103	101	103	108	105
28 Fabricated metal products	e/	...	...	...	...	...	...	...	...	...	...	...	...
29 Machinery and equipment n.e.c.	f/	88	92	101	100	96	91	92	99	106	110	111	110
30 Office, accounting and computing machinery	f/	...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus	f/	...	...	...	...	...	...	...	...	...	...	...	...
32 Radio, television and communication equipment	f/	...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments	f/	...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers	f/	...	...	...	...	...	...	...	...	...	...	...	...
35 Other transport equipment	f/	...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture; manufacturing n.e.c.	g/	83	95	98	100	86	83	84	90	91	90	90	91
37 Recycling	g/	...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		90	96	101	100	98	95	97	101	103	106	108	108

a/ 15 includes 16.

b/ 17 includes 18 and 19.

c/ 20 includes 21.

d/ 23 includes 24 and 25.

e/ 27 includes 28.

f/ 29 includes 30, 31, 32, 33, 34 and 35.

g/ 36 includes 37.

## AUSTRIA

<p><b>Supplier of information:</b>          Statistics Austria, Vienna.          Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p><b>Basic source of data:</b>          Non-agricultural Census, Structural Census.</p> <p><b>Major deviations from ISIC (Revision 3):</b>          None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b>          All enterprises.</p> <p><b>Method of enumeration:</b>          Not reported.</p> <p><b>Adjusted for non-response:</b>          Not reported.</p>	<p><b>Concepts and definitions of variables:</b>  <u>Enterprise</u> refers to the smallest legal unit which may consist of one or more establishments. The definitions correspond to those referred to by the EU-Council regulation on statistical units.  <u>Number of employees</u> refers to persons employed on 31 December.  <u>Wages and salaries</u> is gross remuneration of employees covering both wages and salaries, plus employers' contributions to social security schemes and pension funds. It includes regular and overtime payments, bonuses, cost-of-living allowances, vacation and sick leave pay, taxes and social insurance contributions payable by employees and deducted by employers, payments in kind and allowances.  <u>Output</u> is gross output valued in producers' prices, including all indirect taxes but excluding value added tax and all subsidies. It includes all products, net change in work in progress, work done on own account, services rendered, goods shipped in the same condition as received, electricity sold, fixed assets produced for own use, net changes in stock levels of finished goods and goods made by homeworkers and handicraft workers, and revenue from non-industrial activities.  <u>Value added</u> is based on the national accounting concept. It is calculated as the value of gross output less the cost of materials, fuels and other supplies, contract and commission work done by others, repair and maintenance work done by others, goods shipped in the same condition as received and electricity purchased. Input estimates are on a consumed basis. The cost of, and receipts for, non-industrial services are included.  <u>Gross fixed capital formation</u> is investment expenditure defined as the value of purchases of fixed assets, including own-account construction of assets. The value of sales of fixed assets is not deducted. Investments in land, in construction and alteration of buildings, in machinery and equipment, in tangible goods, in concessions, patents, licenses, trade marks and in software are included. The valuation is at full cost including delivered price, cost of installation, fees and taxes (except value added tax).</p> <p><b>Related national publications:</b>          Industriestatistik, Vol. 2, published by Statistics Austria, Vienna.</p>
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## Austria

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million SCHILLINGS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		1561	...	1499	1487		22878	...	20987	21217		6606	...	6197	6233
1511 Processing/preserving of meat		1402	...	1341	1333		18301	...	17328	17571		4612	...	4544	4576
1512 Processing/preserving of fish		4	...	6	10		240	...	243	348		43	...	42	62
1513 Processing/preserving of fruit & vegetables		128	...	125	120		3134	...	2494	2406		1052	...	936	939
1514 Vegetable and animal oils and fats		27	...	27	24		1203	...	922	892		899	...	675	656
1520 Dairy products		106	...	115	121		6765	...	5473	5069		2861	...	2311	1993
153 Grain mill products; starches; animal feeds		227	...	203	199		3623	...	3026	3130		1364	...	1086	1103
1531 Grain mill products		171	...	142	125		...	...	...	...		...	...	...	...
1532 Starches and starch products		3	...	2	2		...	...	...	...		...	...	...	...
1533 Prepared animal feeds		53	...	59	72		1664	...	1461	1653		598	...	521	567
154 Other food products		2580	...	2556	2478		36936	...	37031	37825		9896	...	10302	10455
1541 Bakery products		2439	...	2398	2335		29002	...	28779	...		6784	...	6984	...
1542 Sugar		1	...	1	1		...	...	...	...		...	...	...	...
1543 Cocoa, chocolate and sugar confectionery		26	...	32	16		2793	...	2340	1880		971	...	780	711
1544 Macaroni, noodles & similar products		23	...	13	32		342	...	257	290		102	...	88	89
1549 Other food products n.e.c.		91	...	114	93		...	...	...	4770		...	...	...	1997
155 Beverages		262	...	246	258		11189	...	10220	9681		4670	...	4364	4338
1551 Distilling, rectifying & blending of spirits		82	...	93	85		1094	...	558	730		372	...	203	239
1552 Wines		53	...	30	87		...	...	...	...		...	...	...	...
1553 Malt liquors and malt		52	...	52	33		...	...	...	...		...	...	...	...
1554 Soft drinks; mineral waters		75	...	71	53		3584	...	3326	3322		1341	...	1357	1370
1600 Tobacco products		1	...	1	1		...	...	...	...		...	...	...	...
171 Spinning, weaving and finishing of textiles		176	...	202	133		12236	...	9490	9472		4538	...	3095	3196
1711 Textile fibre preparation; textile weaving		103	...	84	92		9849	...	7235	7321		3691	...	2295	2413
1712 Finishing of textiles		73	...	118	41		2387	...	2255	2151		847	...	800	784
172 Other textiles		662	...	607	674		8853	...	7438	7697		2510	...	2182	2259
1721 Made-up textile articles, except apparel		121	...	99	141		2791	...	2413	2361		837	...	705	724
1722 Carpets and rugs		59	...	96	46		1101	...	435	371		336	...	116	105
1723 Cordage, rope, twine and netting		20	...	17	17		364	...	...	...		121	...	...	...
1729 Other textiles n.e.c.		462	...	395	469		4597	...	...	...		1216	...	...	...
1730 Knitted and crocheted fabrics and articles		124	...	87	116		5519	...	4737	4688		1462	...	1502	1449
1810 Wearing apparel, except fur apparel		1232	...	1057	1016		15552	...	13051	12173		3482	...	3036	2974
1820 Dressing & dyeing of fur; processing of fur		122	...	119	89		352	...	290	200		67	...	52	43
191 Tanning, dressing and processing of leather		140	...	132	156		2382	...	2379	2722		514	...	562	611
1911 Tanning and dressing of leather		47	...	38	47		1232	...	1442	1812		246	...	322	360
1912 Luggage, handbags, etc.; saddlery & harness		93	...	94	109		1150	...	937	910		269	...	240	250
1920 Footwear		103	...	99	100		5259	...	4807	4274		1305	...	1309	1114
2010 Sawmilling and planing of wood		1311	...	1285	1247		8894	...	9096	9703		2422	...	2489	2851
202 Products of wood, cork, straw, etc.		2176	...	2084	2234		27142	...	27229	27962		7401	...	8130	8231
2021 Veneer sheets, plywood, particle board, etc.		24	...	19	21		3582	...	3490	3534		1233	...	1342	1447
2022 Builders' carpentry and joinery		1458	...	1425	1552		20523	...	20749	21174		5460	...	5670	5975
2023 Wooden containers		112	...	104	122		762	...	746	827		181	...	187	217
2029 Other wood products; articles of cork/straw		582	...	536	539		2275	...	2244	2427		527	...	932	592
210 Paper and paper products		143	...	144	172		17861	...	17517	17516		7490	...	7865	7635
2101 Pulp, paper and paperboard		34	...	37	37		9498	...	8215	7730		4294	...	3920	3485
2102 Corrugated paper and paperboard		73	...	57	98		5941	...	5532	5884		2172	...	2199	2327
2109 Other articles of paper and paperboard		36	...	50	36		2422	...	3771	3903		1024	...	1746	1823
221 Publishing		364	...	376	443		7198	...	7919	...		3128	...	3558	...
2211 Publishing of books and other publications		139	...	132	171		2056	...	1327	1427		706	...	543	579
2212 Publishing of newspapers, journals, etc.		161	...	170	183		4768	...	6208	5537		2321	...	2912	2738
2213 Publishing of recorded media		24	...	25	17		222	...	88	...		57	...	18	...
2219 Other publishing		40	...	49	73		152	...	295	270		44	...	86	80



222	Printing and related service activities	1065	1110	1129	18451	17075	17075	7698	6893	7263
2221	Printing	840	869	915	15722	14626	...	6467	5980	...
2222	Service activities related to printing	225	241	214	2729	2449	...	1231	913	...
2230	Reproduction of recorded media	7	7	2	794	1149	...	294	453	...
2310	Coke oven products	...	-	...	...	-	...	...	-	...
2320	Refined petroleum products	8	5	5	...	...	...	...	...	...
2330	Processing of nuclear fuel	...	-	...	...	-	...	...	...	...
241	Basic chemicals	66	69	70	7532	7029	7162	3832	3895	4015
2411	Basic chemicals, except fertilizers	43	40	53	...	...	...	...	...	...
2412	Fertilizers and nitrogen compounds	7	5	1	1394	...	...	794	...	...
2413	Plastics in primary forms; synthetic rubber	16	26	2	...	2346	...	...	1327	...
242	Other chemicals	308	273	278	...	...	...	...	...	...
2421	Pesticides and other agro-chemical products	2	1	2	...	...	...	...	...	...
2422	Paints, varnishes, printing ink and mastics	51	48	55	3222	3171	3246	1199	1267	1332
2423	Pharmaceuticals, medicinal chemicals, etc.	76	71	83	8061	8011	9155	3697	3825	4577
2424	Soap, cleaning & cosmetic preparations	116	97	86	2325	2201	2054	903	871	901
2429	Other chemical products n.e.c.	63	56	52	1977	1852	2047	876	839	962
2430	Man-made fibres	4	4	5	...	...	...	...	...	...
251	Rubber products	45	44	44	5090	4119	4512	2094	1691	1840
2511	Rubber tyres and tubes	12	14	7	2801	1842	2161	1267	791	877
2519	Other rubber products	33	31	37	2289	2277	2351	827	899	962
2520	Plastic products	560	493	529	21674	22277	23285	7307	7935	8647
2610	Glass and glass products	181	176	225	7966	7847	8058	2922	3043	3136
269	Non-metallic mineral products n.e.c.	1017	1026	1089	27635	26487	25662	11702	11440	11386
2691	Pottery, china and earthenware	168	181	141	2685	2437	2130	909	854	809
2692	Refractory ceramic products	15	11	24	2612	2433	2349	1498	1409	1372
2693	Struct.non-refractory clay; ceramic products	37	34	24	1664	1534	1394	657	668	651
2694	Cement, lime and plaster	17	15	16	2337	1780	1862	1229	878	991
2695	Articles of concrete, cement and plaster	337	320	317	11744	11300	10786	4992	4961	4804
2696	Cutting, shaping & finishing of stone	391	404	519	3560	3444	3567	1212	1174	1222
2699	Other non-metallic mineral products n.e.c.	52	61	48	3033	3558	3574	1205	1494	1538
2710	Basic iron and steel	41	38	68	21817	21119	21114	9834	5485	10226
2720	Basic precious and non-ferrous metals	41	46	49	6081	6149	6033	2394	2533	2690
273	Casting of metals	70	75	64	5225	5146	5739	1828	1818	2156
2731	Casting of iron and steel	27	30	16	1507	...	...	570	...	...
2732	Casting of non-ferrous metals	43	44	48	3718	...	...	1258	...	...
281	Struct.metal products;tanks;steam generators	832	927	1039	29535	27184	29005	10807	9671	10432
2811	Structural metal products	775	838	964	23906	21016	23175	8686	7239	8105
2812	Tanks, reservoirs and containers of metal	39	52	66	4039	4325	4274	1557	1760	1732
2813	Steam generators	18	37	9	1590	1843	1556	564	672	595
289	Other metal products; metal working services	2136	2171	2334	34384	33900	35319	11509	11861	12688
2891	Metal forging/pressing/stamping/roll-forming	489	492	511	3704	4432	4651	1144	1383	1536
2892	Treatment & coating of metals	396	389	542	6480	6556	7464	2127	2260	2537
2893	Cutlery, hand tools and general hardware	829	887	791	13439	13749	13676	4587	4960	5153
2899	Other fabricated metal products n.e.c.	422	403	490	10761	9063	9528	3651	3258	3463
291	General purpose machinery	589	663	600	27759	27339	28214	10814	11121	12005
2911	Engines & turbines(not for transport equip.)	19	23	18	295	375	269	102	133	101
2912	Pumps, compressors, taps and valves	88	91	86	5547	4904	4775	2092	1933	1911
2913	Bearings, gears, gearing & driving elements	32	21	19	2892	2752	2837	1117	1143	1220
2914	Ovens, furnaces and furnace burners	46	54	34	2786	2427	2413	1150	1010	1051
2915	Lifting and handling equipment	138	102	122	7779	7332	8278	3305	3366	4131
2919	Other general purpose machinery	266	371	321	8460	9549	9542	3047	3536	3592
292	Special purpose machinery	1058	1044	915	37668	37120	36491	14781	15498	15198
2921	Agricultural and forestry machinery	498	494	403	6269	6488	6122	1975	2143	2159
2922	Machine tools	125	118	137	6264	5570	6402	2420	2225	2534
2923	Machinery for metallurgy	8	8	5	640	258	360	269	113	153
2924	Machinery for mining & construction	53	35	34	4938	4742	3934	2045	2107	1662
2925	Food/beverage/tobacco processing machinery	66	76	52	1969	1755	1904	778	889	745
2926	Machinery for textile, apparel and leather	34	21	10	1466	1779	1299	550	667	525
2927	Weapons and ammunition	33	31	26	1347	1304	1217	522	623	615
2929	Other special purpose machinery	241	261	248	14775	15224	15253	6222	6732	6805
2930	Domestic appliances n.e.c.	80	89	98	5432	5696	5415	1778	1905	1994

continued

## Austria

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million SCHILLINGS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		49	...	52	47		322	...	461	804		123	...	143	219
3110 Electric motors, generators and transformers		87	...	70	107		8399	...	6573	7149		3420	...	2720	3104
3120 Electricity distribution & control apparatus		114	...	214	132		8427	...	8247	7285		3334	...	3119	3019
3130 Insulated wire and cable		23	...	17	20		4544	...	3827	3746		1895	...	1710	1595
3140 Accumulators, primary cells and batteries		9	...	6	5		1203	...	999	950		513	...	459	429
3150 Lighting equipment and electric lamps		74	...	71	88		3143	...	2913	3207		1135	...	1130	1310
3190 Other electrical equipment n.e.c.		78	...	56	100		6331	...	5395	5795		2043	...	1827	1985
3210 Electronic valves, tubes, etc.		58	...	27	100		6713	...	7658	8877		2600	...	2571	3655
3220 TV/radio transmitters; line comm. apparatus		24	...	88	13		20274	...	18140	15885		11443	...	11221	10600
3230 TV and radio receivers and associated goods		47	...	26	48		5798	...	4711	4740		2422	...	2094	2158
331 Medical, measuring, testing appliances, etc.		855	...	902	998		10871	...	11782	12984		3550	...	4107	4535
3311 Medical, surgical and orthopaedic equipment		650	...	702	749		6301	...	7405	8054		1686	...	2420	2619
3312 Measuring/testing/navigating appliances, etc.		197	...	195	243		3760	...	3606	4021		1489	...	1329	1495
3313 Industrial process control equipment		8	...	5	6		810	...	771	909		375	...	358	421
3320 Optical instruments & photographic equipment		89	...	120	109		2338	...	2701	2621		821	...	972	956
3330 Watches and clocks		10	...	18	5		42	...	94	61		21	...	18	22
3410 Motor vehicles		22	...	20	14		11370	...	16368	13741		4524	...	7306	6371
3420 Automobile bodies, trailers & semi-trailers		134	...	134	162		3436	...	3556	3891		1007	...	1104	1206
3430 Parts/accessories for automobiles		45	...	81	49		9058	...	5893	9673		3399	...	2193	3859
351 Building and repairing of ships and boats		34	...	33	25		322	...	315	256		110	...	99	86
3511 Building and repairing of ships		3	...	2	2		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		31	...	31	23		...	...	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		11	...	10	8		3871	...	...	3835		2048	...	...	2175
3530 Aircraft and spacecraft		23	...	43	32		191	...	252	263		67	...	66	84
359 Transport equipment n.e.c.		11	...	2	20		637	...	...	795		189	...	...	247
3591 Motorcycles		2	...	1	1		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		6	...	1	19		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		3	...	-	-		...	...	...	...		...	...	...	...
3610 Furniture		3191	...	3255	3568		38254	...	37362	36728		9563	...	9923	9785
369 Manufacturing n.e.c.		1032	...	1066	1114		11646	...	11046	10994		3607	...	3342	3644
3691 Jewellery and related articles		400	...	429	432		1211	...	1211	1088		356	...	365	347
3692 Musical instruments		158	...	108	223		621	...	535	854		179	...	158	241
3693 Sports goods		56	...	69	72		4680	...	3938	3724		1687	...	1411	1479
3694 Games and toys		108	...	105	43		1638	...	1937	1898		440	...	541	593
3699 Other manufacturing n.e.c.		310	...	355	344		3496	...	3425	3430		945	...	867	983
3710 Recycling of metal waste and scrap		59	...	47	58		494	...	418	585		179	...	131	192
3720 Recycling of non-metal waste and scrap		32	...	34	36		473	...	387	358		155	...	124	109
D Total manufacturing		25509	...	25465	26321		629747	...	607661	615287		228712	...	224381	236902

## Austria

ISIC Revision 3 ISIC Industry	Note	Output (million SCHILLINGS)				Note	Value added in factor values (million SCHILLINGS)				Note	Gross fixed capital formation (million SCHILLINGS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
		151 Processed meat, fish, fruit, vegetables, fats	46741	...	53291		51308	12605	...	12183		12724	2490
1511 Processing/preserving of meat	32359	...	36686	34110	8532	...	8534	8772	1937	1777			
1512 Processing/preserving of fish	353	...	292	504	105	...	58	133	28	22			
1513 Processing/preserving of fruit & vegetables	9119	...	9512	10063	2519	...	2102	2749	455	852			
1514 Vegetable and animal oils and fats	4910	...	6801	6631	1450	...	1489	1070	71	247			
1520 Dairy products	30880	...	27299	25713	3140	...	4287	3658	1222	892			
153 Grain mill products; starches; animal feeds	9051	...	9588	10165	2173	...	1961	2191	352	346			
1531 Grain mill products	...	...	...	...	...	...	...	...	...	...			
1532 Starches and starch products	...	...	...	...	...	...	...	...	...	...			
1533 Prepared animal feeds	4262	...	5109	5525	959	...	985	1145	173	190			
154 Other food products	42145	...	49818	51189	18616	...	17830	18377	3133	2710			
1541 Bakery products	21440	...	23133	...	12018	...	11133	...	2052	...			
1542 Sugar	...	...	...	...	...	...	...	...	...	...			
1543 Cocoa, chocolate and sugar confectionery	6172	...	5383	5070	1559	...	1451	1420	272	197			
1544 Macaroni, noodles & similar products	592	...	502	533	275	...	172	199	72	32			
1549 Other food products n.e.c.	...	...	...	16771	...	...	...	3993	...	481			
155 Beverages	26141	...	27483	26820	9699	...	7825	8528	2999	1893			
1551 Distilling, rectifying & blending of spirits	2587	...	1593	1932	655	...	373	401	64	64			
1552 Wines	...	...	...	...	...	...	...	...	...	...			
1553 Malt liquors and malt	...	...	...	...	...	...	...	...	...	...			
1554 Soft drinks; mineral waters	8914	...	9909	9886	3033	...	1965	2769	1348	490			
1600 Tobacco products	...	...	...	...	...	...	...	...	...	...			
171 Spinning, weaving and finishing of textiles	21479	...	15555	16077	8895	...	5365	5404	819	1053			
1711 Textile fibre preparation; textile weaving	18068	...	12267	12805	7605	...	4113	4147	672	882			
1712 Finishing of textiles	3411	...	3288	3272	1289	...	1251	1257	147	171			
172 Other textiles	11804	...	10818	12247	4790	...	4390	5038	658	832			
1721 Made-up textile articles, except apparel	3397	...	3661	3911	1537	...	1677	1853	222	203			
1722 Carpets and rugs	1597	...	578	488	512	...	173	154	18	19			
1723 Cordage, rope, twine and netting	589	...	...	...	223	...	...	...	...	...			
1729 Other textiles n.e.c.	6221	...	...	...	2518	...	...	...	...	...			
1730 Knitted and crocheted fabrics and articles	6095	...	7404	8049	2463	...	2744	2545	348	438			
1810 Wearing apparel, except fur apparel	13992	...	15258	15352	5658	...	4917	5057	321	365			
1820 Dressing & dyeing of fur; processing of fur	307	...	249	237	139	...	105	84	18	22			
191 Tanning, dressing and processing of leather	3360	...	3841	4455	799	...	795	906	206	256			
1911 Tanning and dressing of leather	2469	...	2889	3538	391	...	402	464	164	234			
1912 Luggage, handbags, etc.; saddlery & harness	892	...	952	917	408	...	393	441	43	22			
1920 Footwear	6048	...	7367	6268	2221	...	2444	1913	214	120			
2010 Sawmilling and planing of wood	20993	...	23380	27180	5677	...	6139	6443	1956	1791			
202 Products of wood, cork, straw, etc.	33696	...	37794	39842	13820	...	14367	14900	2652	2435			
2021 Veneer sheets, plywood, particle board, etc.	8259	...	8584	9055	2612	...	2362	2864	662	778			
2022 Builders' carpentry and joinery	22545	...	25718	27010	9811	...	10465	10409	1511	1477			
2023 Wooden containers	821	...	885	1073	356	...	400	464	189	57			
2029 Other wood products; articles of cork/straw	2070	...	2607	2703	1040	...	1139	1162	290	123			
210 Paper and paper products	56697	...	59067	59964	19690	...	18361	18702	4934	3501			
2101 Pulp, paper and paperboard	38762	...	34163	33766	13259	...	10012	10294	3715	1528			
2102 Corrugated paper and paperboard	11512	...	12229	12960	4388	...	4477	4502	603	1207			
2109 Other articles of paper and paperboard	6423	...	12675	13238	2043	...	3872	3907	617	765			
221 Publishing	16143	...	18203	...	5110	...	5876	...	569	...			
2211 Publishing of books and other publications	3746	...	2472	3000	1216	...	774	1014	82	115			
2212 Publishing of newspapers, journals, etc.	11721	...	15177	15136	3605	...	4867	5091	451	297			
2213 Publishing of recorded media	421	...	143	...	198	...	49	...	18	...			
2219 Other publishing	255	...	412	444	91	...	186	174	19	26			

continued

## Austria

ISIC Revision 3 ISIC Industry	Note	Output				Note	Value added in factor values				Note	Gross fixed capital formation	
		(million SCHILLINGS)					(million SCHILLINGS)					(million SCHILLINGS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222 Printing and related service activities		25098	...	24197	26167		12770	...	12031	12258		1522	2584
2221 Printing		22066	...	21484	...		10898	...	10514	...		1333	...
2222 Service activities related to printing		3032	...	2712	...		1872	...	1518	...		189	...
2230 Reproduction of recorded media		2101	...	4487	...		1306	...	2773	...		355	...
2310 Coke oven products		...	...	-	...		...	...	-	...		-	...
2320 Refined petroleum products		...	...	...	...		...	...	...	...		...	...
2330 Processing of nuclear fuel		...	...	...	...		...	...	...	...		...	...
241 Basic chemicals		26972	...	31170	31511		7170	...	7755	9517		2433	2166
2411 Basic chemicals, except fertilizers		...	...	...	...		...	...	...	...		...	...
2412 Fertilizers and nitrogen compounds		4439	...	...	...		1731	...	...	...		...	...
2413 Plastics in primary forms; synthetic rubber		...	...	15501	...		...	...	3116	...		572	...
242 Other chemicals		...	...	...	...		...	...	...	...		...	...
2421 Pesticides and other agro-chemical products		...	...	...	...		...	...	...	...		...	...
2422 Paints, varnishes, printing ink and mastics		5489	...	7144	7429		2211	...	2338	2425		243	326
2423 Pharmaceuticals, medicinal chemicals, etc.		19346	...	26378	31669		8648	...	9624	11240		1663	2108
2424 Soap, cleaning & cosmetic preparations		4455	...	5861	6066		1524	...	1507	1583		207	177
2429 Other chemical products n.e.c.		4498	...	5773	6325		1767	...	1780	1842		313	251
2430 Man-made fibres		...	...	...	...		...	...	...	...		...	...
251 Rubber products		7853	...	9295	9858		3357	...	3014	3482		430	466
2511 Rubber tyres and tubes		4503	...	4914	5244		1872	...	1299	1663		128	166
2519 Other rubber products		3350	...	4381	4615		1485	...	1715	1818		302	300
2520 Plastic products		34360	...	39182	40871		14063	...	15139	15899		2824	3206
2610 Glass and glass products		11170	...	12683	12660		6324	...	7035	6865		848	1033
269 Non-metallic mineral products n.e.c.		50593	...	56956	55968		22470	...	22168	21593		3499	4156
2691 Pottery, china and earthenware		2293	...	2497	2159		1304	...	1416	1160		140	116
2692 Refractory ceramic products		6219	...	7016	6513		2666	...	2209	2132		250	263
2693 Struct.non-refractory clay; ceramic products		2921	...	3120	3019		1410	...	1448	1290		171	559
2694 Cement, lime and plaster		4798	...	4904	5588		2212	...	1889	2026		338	435
2695 Articles of concrete, cement and plaster		24660	...	27249	25846		10550	...	10221	9615		2009	2045
2696 Cutting, shaping & finishing of stone		3816	...	4020	4266		2035	...	2094	2177		224	224
2699 Other non-metallic mineral products n.e.c.		5886	...	8149	8577		2293	...	2891	3194		366	513
2710 Basic iron and steel		50301	...	30689	56716		20113	...	10570	21104		1737	4846
2720 Basic precious and non-ferrous metals		21628	...	25444	26271		4464	...	5001	5198		534	1235
273 Casting of metals		6936	...	7448	8660		3190	...	3346	3895		494	783
2731 Casting of iron and steel		1736	...	...	...		899	...	...	...		...	...
2732 Casting of non-ferrous metals		5200	...	...	...		2291	...	...	...		...	...
281 Struct.metall products;tanks;steam generators		43822	...	40206	43900		17347	...	15624	16956		2100	2019
2811 Structural metal products		36364	...	30812	34600		14053	...	11975	13174		1580	1607
2812 Tanks, reservoirs and containers of metal		5780	...	6872	7150		2503	...	2777	2843		459	357
2813 Steam generators		1678	...	2523	2150		791	...	872	940		60	55
289 Other metal products; metal working services		43146	...	47039	53127		21503	...	21308	23961		3332	3898
2891 Metal forging/pressing/stamping/roll-forming		4851	...	6044	6943		2109	...	2621	3048		388	480
2892 Treatment & coating of metals		7063	...	8673	11016		3897	...	4065	4939		586	840
2893 Cutlery, hand tools and general hardware		16462	...	18085	19461		9103	...	9231	9608		1571	1676
2899 Other fabricated metal products n.e.c.		14769	...	14238	15706		6394	...	5390	6366		786	903
291 General purpose machinery		42108	...	47198	53193		17809	...	18621	20527		1714	2187
2911 Engines & turbines(not for transport equip.)		355	...	529	372		159	...	193	110		100	18
2912 Pumps, compressors, taps and valves		7270	...	8237	8514		3302	...	3422	3514		313	257
2913 Bearings, gears, gearing & driving elements		4168	...	5129	5683		1831	...	2020	2198		161	282
2914 Ovens, furnaces and furnace burners		3962	...	3313	3543		1704	...	1442	1669		209	79
2915 Lifting and handling equipment		14618	...	14874	19883		5879	...	5178	6949		425	547
2919 Other general purpose machinery		11736	...	15117	15199		4934	...	6365	6087		505	1006

292	Special purpose machinery	59253	69646	71768	23293	24347	25488	2528	2769
2921	Agricultural and forestry machinery	8940	13053	12646	4273	3735	3864	428	475
2922	Machine tools	8438	8354	10311	3566	3403	4399	494	658
2923	Machinery for metallurgy	980	491	564	379	212	306	6	5
2924	Machinery for mining & construction	9079	9944	8639	3085	2769	2368	173	197
2925	Food/beverage/tobacco processing machinery	3148	2930	3392	1319	1544	1638	106	196
2926	Machinery for textile, apparel and leather	1751	3145	2496	705	1214	957	74	89
2927	Weapons and ammunition	1877	2914	2748	850	1096	636	97	177
2929	Other special purpose machinery	25040	28814	30972	9114	10373	11320	1151	973
2930	Domestic appliances n.e.c.	7528	8740	9192	3199	3177	3622	341	396
3000	Office, accounting and computing machinery	565	666	3983	212	261	607	23	50
3110	Electric motors, generators and transformers	13240	12640	16158	6201	4111	5698	280	588
3120	Electricity distribution & control apparatus	10965	13523	13468	5048	5416	5367	551	753
3130	Insulated wire and cable	7083	7722	7670	2831	2501	2488	352	314
3140	Accumulators, primary cells and batteries	1907	2378	2341	733	828	901	150	114
3150	Lighting equipment and electric lamps	4230	5491	5775	2015	1913	2347	181	260
3190	Other electrical equipment n.e.c.	8013	9142	11349	3879	3365	4010	448	599
3210	Electronic valves, tubes, etc.	11468	13433	23274	5747	5530	7643	1890	1768
3220	TV/radio transmitters; line comm. apparatus	34943	62280	64286	16629	15750	18676	1541	1531
3230	TV and radio receivers and associated goods	15553	18008	18471	3593	3456	3617	492	465
331	Medical, measuring, testing appliances, etc.	11604	14998	16954	6114	6805	8008	659	820
3311	Medical, surgical and orthopaedic equipment	4974	8764	9708	2970	3930	4655	368	385
3312	Measuring/testing/navigating appliances, etc.	5033	4940	5608	2486	2356	2646	259	340
3313	Industrial process control equipment	1597	1294	1638	658	518	707	32	95
3320	Optical instruments & photographic equipment	2452	3266	3221	1226	1633	1581	134	157
3330	Watches and clocks	54	74	71	32	37	38	2	3
3410	Motor vehicles	46829	66786	54561	12356	15459	12630	4005	2069
3420	Automobile bodies, trailers & semi-trailers	4491	5634	6042	1737	1842	2046	335	494
3430	Parts/accessories for automobiles	13431	11663	32097	5241	4736	9360	606	1531
351	Building and repairing of ships and boats	365	315	297	185	150	132	14	11
3511	Building and repairing of ships	...	...	...	...	...	...	...	...
3512	Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...
3520	Railway/tramway locomotives & rolling stock	10368	...	12356	3317	...	3302	...	388
3530	Aircraft and spacecraft	214	281	340	90	101	155	6	42
359	Transport equipment n.e.c.	1305	...	2155	372	...	580	...	102
3591	Motorcycles	...	...	...	...	...	...	...	...
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	...	...	...	...	...	...	...	...
3610	Furniture	33762	37303	37380	16191	16527	16854	2001	2087
369	Manufacturing n.e.c.	18940	19737	19693	6195	6009	7396	680	668
3691	Jewellery and related articles	7085	5988	4400	1176	833	1189	121	89
3692	Musical instruments	496	521	718	305	281	444	16	29
3693	Sports goods	6594	6762	6930	2371	2198	2348	271	253
3694	Games and toys	1417	2213	3065	700	995	1303	84	96
3699	Other manufacturing n.e.c.	3348	4253	4579	1643	1702	2111	188	221
3710	Recycling of metal waste and scrap	897	1074	1376	342	338	428	54	82
3720	Recycling of non-metal waste and scrap	564	620	623	289	312	306	110	115
D	Total manufacturing	1100497	1241795	1353266	420731	412858	475050	67788	71743

## Austria

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15	Food and beverages	...	...	...	100	97	97	100	94	98	97	106	110
16	Tobacco products	...	...	...	100	109	105	107	108	108	123	127	140
17	Textiles	...	...	...	100	101	103	95	86	88	86	91	93
18	Wearing apparel, fur	...	...	...	100	99	95	75	65	52	46	40	41
19	Leather, leather products and footwear	...	...	...	100	92	87	84	85	81	74	78	81
20	Wood products (excl. furniture)	...	...	...	100	79	89	82	86	132	135	151	158
21	Paper and paper products	...	...	...	100	103	107	111	118	120	113	123	128
22	Printing and publishing	...	...	...	100	94	104	89	87	91	97	101	116
23	Coke, refined petroleum products, nuclear fuel	...	...	...	100	105	110	110	103	100	104	107	107
24	Chemicals and chemical products	...	...	...	100	96	101	104	100	113	114	116	129
25	Rubber and plastics products	...	...	...	100	95	94	89	89	116	116	120	129
26	Non-metallic mineral products	...	...	...	100	59	64	63	68	110	108	111	110
27	Basic metals	...	...	...	100	95	89	83	90	105	101	117	120
28	Fabricated metal products	...	...	...	100	91	92	89	93	116	113	130	143
29	Machinery and equipment n.e.c.	...	...	...	100	87	80	76	73	137	144	145	164
30	Office, accounting and computing machinery	...	...	...	100	76	96	70	80	83	89	98	121
31	Electrical machinery and apparatus	...	...	...	100	90	98	97	129	154	169	187	263
32	Radio, television and communication equipment	...	...	...	100	87	79	87	106	121	121	126	133
33	Medical, precision and optical instruments	...	...	...	100	91	90	94	97	107	110	124	136
34	Motor vehicles, trailers, semi-trailers	...	...	...	100	99	101	99	102	129	137	162	182
35	Other transport equipment	...	...	...	100	72	58	55	68	80	73	78	99
36	Furniture; manufacturing n.e.c.	...	...	...	100	90	95	89	80	109	110	117	120
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	...	100	92	92	91	92	113	114	122	133

**AZERBAIJAN**

<p><b>Supplier of information:</b> State Statistical Committee of the Republic of Azerbaijan, Baku.</p> <p><b>Basic source of data:</b> Not reported.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Not reported.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of establishments</u> refers to the establishments in operation.</p> <p><b>Related national publications:</b></p>
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## Azerbaijan

ISIC Revision 3 ISIC Industry	Number of establishments a/				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million MANAT)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats	...	75	90	90	90	5167	4590	3540	5202	...	...	3378	4831		
1511 Processing/preserving of meat	...	40	47	33	33	186	165	128	1362	...	...	...	1006		
1512 Processing/preserving of fish	...	13	18	28	28	-	-	-	1973	...	...	...	1839		
1513 Processing/preserving of fruit & vegetables	...	20	23	22	22	3669	3259	2514	931	...	...	...	767		
1514 Vegetable and animal oils and fats	...	2	2	7	7	1312	1166	898	936	...	...	...	1219		
1520 Dairy products	...	22	21	28	28	2543	2258	1753	735	...	...	...	564		
153 Grain mill products; starches; animal feeds	...	23	22	26	26	5277	4686	3616	2266	...	...	7563	3225		
1531 Grain mill products	...	17	16	23	23	3894	3458	2667	1545	...	...	...	1409		
1532 Starches and starch products	...	-	-	-	-	-	-	-	-	...	...	...	-		
1533 Prepared animal feeds	...	6	6	3	3	1383	1228	949	721	...	...	...	1817		
154 Other food products	...	78	66	198	198	14218	12626	9722	7408	...	...	8905	4326		
1541 Bakery products	...	55	54	163	163	10378	9217	7097	5759	...	...	...	3721		
1542 Sugar	...	-	-	7	7	-	-	-	51	...	...	...	6		
1543 Cocoa, chocolate and sugar confectionery	...	6	4	13	13	2276	2020	1556	1191	...	...	...	302		
1544 Macaroni, noodles & similar products	...	-	-	-	-	-	-	-	-	...	...	...	-		
1549 Other food products n.e.c.	...	17	8	15	15	1564	1389	1069	407	...	...	...	297		
155 Beverages	...	114	30	46	46	6835	6095	4694	2810	...	...	4243	2207		
1551 Distilling, rectifying & blending of spirits	...	2	2	4	4	684	610	469	355	...	...	...	322		
1552 Wines	...	103	26	18	18	4785	4266	3286	1757	...	...	...	1511		
1553 Malt liquors and malt	...	5	2	5	5	518	463	357	134	...	...	...	81		
1554 Soft drinks; mineral waters	...	4	...	19	19	848	756	582	564	...	...	...	294		
1600 Tobacco products	...	8	7	10	10	2734	2428	1876	696	...	...	9030	986		
171 Spinning, weaving and finishing of textiles	...	56	44	50	50	37279	31600	26167	17194	...	...	41502	18839		
1711 Textile fibre preparation; textile weaving	...	56	44	50	50	37279	31600	26167	17194	...	...	...	18839		
1712 Finishing of textiles	...	-	-	-	-	-	-	-	-	...	...	...	-		
172 Other textiles	...	29	15	37	37	18686	17457	13474	6718	...	...	13245	4601		
1721 Made-up textile articles, except apparel	...	9	6	11	11	3644	3404	2633	591	...	...	...	91		
1722 Carpets and rugs	...	17	8	21	21	14145	13215	10201	6083	...	...	...	4497		
1723 Cordage, rope, twine and netting	...	-	-	1	1	-	-	-	19	...	...	...	11		
1729 Other textiles n.e.c.	...	3	1	4	4	897	838	640	25	...	...	...	1		
1730 Knitted and crocheted fabrics and articles	...	28	12	31	31	6343	5633	4347	3844	...	...	...	3123		
1810 Wearing apparel, except fur apparel	...	21	26	71	71	9335	9179	7063	4730	...	...	...	3385		
1820 Dressing & dyeing of fur; processing of fur	...	2	2	4	4	629	558	438	1123	...	...	...	1640		
191 Tanning, dressing and processing of leather	...	6	7	14	14	848	753	584	763	...	...	621	791		
1911 Tanning and dressing of leather	...	...	...	9	9	310	276	214	476	...	...	...	736		
1912 Luggage, handbags, etc.; saddlery & harness	...	6	7	5	5	538	477	370	287	...	...	...	56		
1920 Footwear	...	7	4	20	20	2023	1797	1393	1123	...	...	...	1640		
2010 Sawmilling and planing of wood	...	26	14	10	10	2625	2331	1809	723	...	...	...	261		
202 Products of wood, cork, straw, etc.	...	11	4	48	48	684	607	479	591	...	...	256	191		
2021 Veneer sheets, plywood, particle board, etc.	...	...	...	3	3	479	426	336	214	...	...	...	43		
2022 Builders' carpentry and joinery	...	...	...	36	36	123	109	86	300	...	...	...	129		
2023 Wooden containers	...	11	4	5	5	82	72	57	55	...	...	...	14		
2029 Other wood products; articles of cork/straw	...	-	-	4	4	-	-	-	22	...	...	...	5		
210 Paper and paper products	...	14	7	9	9	738	656	519	254	...	...	520	174		
2101 Pulp, paper and paperboard	...	2	2	1	1	128	113	90	62	...	...	...	72		
2102 Corrugated paper and paperboard	...	12	5	5	5	610	543	429	150	...	...	...	98		
2109 Other articles of paper and paperboard	...	-	-	3	3	-	-	-	39	...	...	...	4		
221 Publishing	...	10	21	72	72	1886	1675	1304	1457	...	...	2400	2865		
2211 Publishing of books and other publications	...	3	9	13	13	1448	1286	1001	818	...	...	...	2373		
2212 Publishing of newspapers, journals, etc.	...	7	12	49	49	415	368	287	526	...	...	...	250		
2213 Publishing of recorded media	...	-	-	1	1	-	-	-	2	...	...	...	-		
2219 Other publishing	...	...	...	9	9	23	21	16	111	...	...	...	242		



222	Printing and related service activities	...	15	12	64	2652	2355	1823	2136	...	...	2173	7599
2221	Printing	...	14	10	54	2580	2291	1774	2018	...	...	...	7461
2222	Service activities related to printing	...	1	2	10	72	64	49	118	...	...	...	138
2230	Reproduction of recorded media	...	-	-	-	-	-	-	-	...	...	...	-
2310	Coke oven products	...	-	-	-	-	-	-	-	...	...	...	-
2320	Refined petroleum products	...	3	9	17	11346	9077	7754	7018	...	...	...	23696
2330	Processing of nuclear fuel	...	-	-	-	-	-	-	-	...	...	...	-
241	Basic chemicals	...	8	16	28	19916	18576	14304	9933	...	...	28421	18678
2411	Basic chemicals, except fertilizers	...	5	10	20	9281	8656	6666	5811	...	...	...	11130
2412	Fertilizers and nitrogen compounds	...	1	2	1	1334	1245	958	722	...	...	...	1097
2413	Plastics in primary forms; synthetic rubber	...	2	4	7	9301	8675	6680	3400	...	...	...	6450
242	Other chemicals	...	11	17	37	6972	6192	4768	6577	...	...	6446	11006
2421	Pesticides and other agro-chemical products	...	-	-	-	-	-	-	-	...	...	...	-
2422	Paints, varnishes, printing ink and mastics	...	1	1	15	56	50	38	113	...	...	...	80
2423	Pharmaceuticals, medicinal chemicals, etc.	...	3	5	6	1255	1114	858	755	...	...	...	635
2424	Soap, cleaning & cosmetic preparations, etc.	...	3	5	7	1450	1288	992	897	...	...	...	353
2429	Other chemical products n.e.c.	...	4	6	9	4211	3740	2880	4812	...	...	...	9938
2430	Man-made fibres	...	-	-	-	-	-	-	-	...	...	...	-
251	Rubber products	...	3	5	6	4019	3569	2760	2182	...	...	5137	2936
2511	Rubber tyres and tubes	...	1	2	1	1933	1717	1328	1082	...	...	...	1818
2519	Other rubber products	...	2	3	5	2086	1852	1432	1100	...	...	...	1118
2520	Plastic products	...	14	16	43	2132	1894	1468	1436	...	...	...	948
2610	Glass and glass products	...	7	7	20	5058	4492	3461	1426	...	...	...	2231
269	Non-metallic mineral products n.e.c.	...	133	56	122	14408	12797	9853	8610	...	...	23244	17777
2691	Pottery, china and earthenware	...	2	2	4	2536	2253	1737	1198	...	...	...	650
2692	Refractory ceramic products	...	-	-	-	-	-	-	-	...	...	...	-
2693	Struct.non-refractory clay; ceramic products	...	27	14	19	2046	1817	1401	1529	...	...	...	1665
2694	Cement, lime and plaster	...	13	4	13	2478	2201	1695	1529	...	...	...	6580
2695	Articles of concrete, cement and plaster	...	80	28	52	5778	5132	3942	3131	...	...	...	7369
2696	Cutting, shaping & finishing of stone	...	10	7	32	1383	1228	946	1126	...	...	...	1230
2699	Other non-metallic mineral products n.e.c.	...	1	1	2	187	166	132	97	...	...	...	283
2710	Basic iron and steel	...	4	15	10	9335	8179	7065	5151	...	...	...	4631
2720	Basic precious and non-ferrous metals	...	2	8	11	3600	3205	2484	2532	...	...	...	3580
273	Casting of metals	...	2	14	6	1230	1093	844	636	...	...	...	418
2731	Casting of iron and steel	...	1	8	3	924	821	634	460	...	...	...	254
2732	Casting of non-ferrous metals	...	1	6	3	306	272	210	174	...	...	...	164
281	Struct.metall products;tanks;steam generators	...	18	18	50	3008	2671	2056	2050	...	...	9753	5947
2811	Structural metal products	...	17	17	48	2900	2575	1982	1999	...	...	...	5922
2812	Tanks, reservoirs and containers of metal	...	1	1	2	108	96	74	51	...	...	...	25
2813	Steam generators	...	-	-	-	-	-	-	-	...	...	...	-
289	Other metal products; metal working services	...	14	14	29	2980	2677	2043	1302	...	...	3460	1351
2891	Metal forging/pressing/stamping/roll-forming	...	2	1	4	885	795	607	470	...	...	...	341
2892	Treatment & coating of metals	...	4	4	3	411	369	283	47	...	...	...	283
2893	Cutlery, hand tools and general hardware	...	2	3	3	647	581	443	300	...	...	...	192
2899	Other fabricated metal products n.e.c.	...	6	6	19	1037	932	710	485	...	...	...	535
291	General purpose machinery	...	25	34	46	14310	13598	10471	10054	...	...	31481	27111
2911	Engines & turbines(not for transport equip.)	...	5	6	9	4343	4127	3178	3500	...	...	...	12237
2912	Pumps, compressors, taps and valves	...	5	9	15	6282	5970	4598	3940	...	...	...	770
2913	Bearings, gears, gearing & driving elements	...	1	2	1	229	220	170	130	...	...	...	135
2914	Ovens, furnaces and furnace burners	...	1	2	2	380	367	278	306	...	...	...	494
2915	Lifting and handling equipment	...	5	6	7	472	452	343	421	...	...	...	1701
2919	Other general purpose machinery	...	8	11	12	2604	2462	1904	1757	...	...	...	4774
292	Special purpose machinery	...	50	26	34	8569	8499	6626	6308	...	...	18051	15230
2921	Agricultural and forestry machinery	...	32	13	12	1542	1530	1191	1270	...	...	...	1139
2922	Machine tools	...	6	2	7	437	433	340	538	...	...	...	1146
2923	Machinery for metallurgy	...	-	-	1	197	195	153	142	...	...	...	105
2924	Machinery for mining & construction	...	6	6	7	2965	2941	2293	1930	...	...	...	5736
2925	Food/beverage/tobacco processing machinery	...	3	3	3	138	136	102	78	...	...	...	27
2926	Machinery for textile, apparel and leather	...	-	-	-	-	-	-	-	...	...	...	-
2927	Weapons and ammunition	...	-	-	-	-	-	-	-	...	...	...	-
2929	Other special purpose machinery	...	3	2	4	3290	3264	2547	2350	...	...	...	7077
2930	Domestic appliances n.e.c.	...	14	10	17	10304	9927	8375	6990	...	...	...	3381

continued

## Azerbaijan

ISIC Revision 3 ISIC Industry	Number of establishments a/				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million MANAT)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		...	1	5	6		1203	1068	828	863		...	...	...	660
3110 Electric motors, generators and transformers		...	9	7	22		2652	2351	1819	1191		...	...	...	2790
3120 Electricity distribution & control apparatus		...	6	4	9		2570	2242	1769	1829		...	...	...	6026
3130 Insulated wire and cable		...	1	2	5		820	728	565	544		...	...	...	862
3140 Accumulators, primary cells and batteries		...	8	2	7		-	-	-	237		...	...	...	259
3150 Lighting equipment and electric lamps		...	1	2	6		1285	1141	885	890		...	...	...	691
3190 Other electrical equipment n.e.c.		...	4	5	7		1914	1700	1383	934		...	...	...	690
3210 Electronic valves, tubes, etc.		...	1	4	8		1367	1214	911	763		...	...	...	512
3220 TV/radio transmitters; line comm. apparatus		...	15	7	5		2734	2128	1788	1294		...	...	...	847
3230 TV and radio receivers and associated goods		...	-	-	3		-	-	-	117		...	...	...	116
331 Medical, measuring, testing appliances, etc.		...	5	6	13		3000	2671	2011	3156		...	...	3373	4089
3311 Medical, surgical and orthopaedic equipment		...	...	...	7		135	120	90	311		...	...	...	564
3312 Measuring/testing/navigating appliances, etc.		...	...	...	...		2790	2484	1870	2780		...	...	...	3509
3313 Industrial process control equipment		...	...	...	...		75	67	51	65		...	...	...	16
3320 Optical instruments & photographic equipment		...	4	5	5		4648	4128	3256	37		...	...	...	11
3330 Watches and clocks		...	2	3	1		136	121	101	-		...	...	...	-
3410 Motor vehicles		...	1	3	1		1367	1214	903	774		...	...	...	146
3420 Automobile bodies, trailers & semi-trailers		...	-	-	1		-	-	-	41		...	...	...	9
3430 Parts/accessories for automobiles		...	-	-	5		-	-	-	91		...	...	...	27
351 Building and repairing of ships and boats		...	5	4	16		4648	4100	3148	3112		...	...	15482	16021
3511 Building and repairing of ships		...	5	4	16		4648	4100	3148	3112		...	...	...	16021
3512 Building/repairing of pleasure/sport. boats		...	-	-	-		-	-	-	-		...	...	...	-
3520 Railway/tramway locomotives & rolling stock		...	1	1	4		355	316	245	517		...	...	...	2142
3530 Aircraft and spacecraft		...	-	-	2		-	-	-	34		...	...	...	216
359 Transport equipment n.e.c.		...	-	-	2		-	-	-	6		...	...	...	7
3591 Motorcycles		...	-	-	1		-	-	-	-		...	...	...	-
3592 Bicycles and invalid carriages		...	-	-	1		-	-	-	6		...	...	...	7
3599 Other transport equipment n.e.c.		...	-	-	-		-	-	-	-		...	...	...	-
3610 Furniture		...	20	31	53		2180	1943	1581	1593		...	...	...	1210
369 Manufacturing n.e.c.		...	3	6	53		1640	1457	1082	1844		...	...	796	1673
3691 Jewellery and related articles		...	1	2	15		1210	1075	799	1261		...	...	...	1250
3692 Musical instruments		...	-	-	3		-	-	-	24		...	...	...	6
3693 Sports goods		...	-	-	1		-	-	-	-		...	...	...	-
3694 Games and toys		...	1	2	3		189	168	124	89		...	...	...	22
3699 Other manufacturing n.e.c.		...	1	2	31		241	214	159	470		...	...	...	394
3710 Recycling of metal waste and scrap		...	2	4	7		273	243	207	188		...	...	...	375
3720 Recycling of non-metal waste and scrap		...	-	-	9		-	-	-	109		...	...	...	82
D Total manufacturing	b/	...	2442	2414	1548		273412	242819	191415	151304		...	...	360867	239622

a/ Number of establishments in operation.

b/ Including small-scale enterprises.

## Azerbaijan

ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	Note	(billion MANAT)				Note	(billion MANAT)				Note	(million MANAT)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
ISIC Industry													
151 Processed meat, fish, fruit, vegetables, fats		52.3	59.7	92.2	33.5							28900	6476
1511 Processing/preserving of meat		45.7	25.8	13.3	7.2							19900	222
1512 Processing/preserving of fish		3.3	7.9	44.7	6.3							8500	-
1513 Processing/preserving of fruit & vegetables		3.3	11.1	18.2	4.9							-	886
1514 Vegetable and animal oils and fats		-	14.9	16.0	15.1							500	5368
1520 Dairy products		3.7	590.7	657.1	712.1							400	-
153 Grain mill products; starches; animal feeds		19.0	156.1	182.8	56.7							500	1978
1531 Grain mill products		-	52.7	54.4	28.4							-	1820
1532 Starches and starch products		2.2	-	-	-							-	-
1533 Prepared animal feeds		16.8	103.4	128.4	28.3							500	158
154 Other food products		37.2	1032.7	1061.8	1221.9							3100	2452
1541 Bakery products		33.3	1024.7	1059.0	1204.1							3100	2023
1542 Sugar		-	-	-	0.3							-	-
1543 Cocoa, chocolate and sugar confectionery		3.9	3.5	1.1	3.1							-	235
1544 Macaroni, hoodles & similar products		-	-	-	-							-	-
1549 Other food products n.e.c.		-	4.5	1.7	14.4							-	194
155 Beverages		21.1	69.7	120.6	50.9							-	48181
1551 Distilling, rectifying & blending of spirits		21.1	10.2	15.8	7.4							-	134
1552 Wines		-	57.9	101.2	20.4							-	-
1553 Malt liquors and malt		-	1.6	3.6	18.4							-	73
1554 Soft drinks; mineral waters		-	-	-	4.7							-	47974
1600 Tobacco products		34.9	28.6	52.4	20.9							-	-
171 Spinning, weaving and finishing of textiles		581.8	517.1	488.1	206.8							17800	8423
1711 Textile fibre preparation; textile weaving		545.9	517.1	488.1	206.8							17800	8423
1712 Finishing of textiles		35.6	-	-	-							-	-
172 Other textiles		172.7	16.2	14.6	20.9							-	-
1721 Made-up textile articles, except apparel		94.5	2.6	1.2	0.6							-	-
1722 Carpets and rugs		9.2	12.6	13.3	19.4							-	-
1723 Cordage, rope, twine and netting		-	-	-	0.8							-	-
1729 Other textiles n.e.c.		-	1.0	0.1	0.1							-	-
1730 Knitted and crocheted fabrics and articles		-	28.3	27.8	17.5							-	557
1810 Wearing apparel, except fur apparel		0.1	37.0	27.0	35.5							-	6
1820 Dressing & dyeing of fur; processing of fur		-	3.2	3.5	7.4							600	226
191 Tanning, dressing and processing of leather		0.5	0.9	0.4	5.0							-	250
1911 Tanning and dressing of leather		-	-	-	4.4							-	250
1912 Luggage, handbags, etc.; saddlery & harness		-	0.9	0.4	0.6							-	-
1920 Footwear		2.7	23.4	24.5	20.6							-	467
2010 Sawmilling and planing of wood		59.6	29.3	13.0	3.1							-	-
202 Products of wood, cork, straw, etc.		0.2	0.6	0.9	2.7							-	20
2021 Veneer sheets, plywood, particle board, etc.		-	-	-	0.1							-	-
2022 Builders' carpentry and joinery		-	-	-	2.6							-	20
2023 Wooden containers		-	0.6	0.9	-							-	-
2029 Other wood products; articles of cork/straw		-	-	-	-							-	-
210 Paper and paper products		-	4.0	2.2	0.9							-	53
2101 Pulp, paper and paperboard		-	1.4	1.0	0.2							-	-
2102 Corrugated paper and paperboard		-	2.6	1.2	0.6							-	49
2109 Other articles of paper and paperboard		-	-	-	0.1							-	4
221 Publishing		10.1	12.6	13.6	20.2							-	228
2211 Publishing of books and other publications		6.2	11.4	12.4	18.3							-	-
2212 Publishing of newspapers, journals, etc.		3.1	1.2	1.2	0.7							-	-
2213 Publishing of recorded media		-	-	-	-							-	-
2219 Other publishing		-	-	-	1.2							-	228

continued

## Azerbaijan

ISIC Revision 3 ISIC Industry	Output				Value added				Gross fixed capital formation			
	Note	(billion MANAT)				Note	(billion MANAT)				(million MANAT)	
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
222 Printing and related service activities		1.7	8.1	6.9	13.0		...	...	...	...	600	3783
2221 Printing		0.7	8.0	6.5	12.3		...	...	...	...	200	186
2222 Service activities related to printing		0.9	0.1	0.4	0.7		...	...	...	...	400	3597
2230 Reproduction of recorded media		...	-	-	-		...	...	...	...	-	-
2310 Coke oven products		...	-	-	-		...	...	...	...	-	-
2320 Refined petroleum products		2314.7	3038.5	3576.2	2828.6		...	...	...	...	58300	-
2330 Processing of nuclear fuel		-	-	-	-		...	...	...	...	-	-
241 Basic chemicals		220.0	206.0	318.9	175.2		...	...	...	...	2700	7170
2411 Basic chemicals, except fertilizers		...	62.4	110.5	92.2		...	...	...	...	-	5471
2412 Fertilizers and nitrogen compounds		...	20.3	18.4	8.1		...	...	...	...	-	-
2413 Plastics in primary forms; synthetic rubber		124.1	123.3	190.0	74.9		...	...	...	...	2700	1699
242 Other chemicals		...	93.0	53.6	165.9		...	...	...	...	36200	9901
2421 Pesticides and other agro-chemical products		...	-	-	-		...	...	...	...	-	-
2422 Paints, varnishes, printing ink and mastics		...	...	...	1.0		...	...	...	...	-	-
2423 Pharmaceuticals, medicinal chemicals, etc.		...	15.4	3.8	3.2		...	...	...	...	1800	-
2424 Soap, cleaning & cosmetic preparations		...	6.1	0.7	1.9		...	...	...	...	-	67
2429 Other chemical products n.e.c.		...	71.5	49.1	159.8		...	...	...	...	34400	9834
2430 Man-made fibres		-	-	-	-		...	...	...	...	-	-
251 Rubber products		36.2	32.6	38.6	28.9		...	...	...	...	3000	59
2511 Rubber tyres and tubes		...	21.6	25.8	18.7		...	...	...	...	2900	-
2519 Other rubber products		...	11.0	12.8	10.2		...	...	...	...	100	59
2520 Plastic products		...	7.8	6.9	10.6		...	...	...	...	-	438
2610 Glass and glass products		...	18.7	13.2	12.8		...	...	...	...	-	1337
269 Non-metallic mineral products n.e.c.		...	112.3	133.9	139.9		...	...	...	...	300	2819
2691 Pottery, china and earthenware		...	2.6	2.8	2.0		...	...	...	...	200	1660
2692 Refractory ceramic products		...	-	-	-		...	...	...	...	-	-
2693 Struct.non-refractory clay; ceramic products		...	12.4	11.7	9.3		...	...	...	...	-	-
2694 Cement, lime and plaster		...	50.0	71.6	55.6		...	...	...	...	100	1150
2695 Articles of concrete, cement and plaster		...	42.1	41.3	66.4		...	...	...	...	-	9
2696 Cutting, shaping & finishing of stone		...	4.5	5.7	6.1		...	...	...	...	-	-
2699 Other non-metallic mineral products n.e.c.		...	0.7	0.8	0.5		...	...	...	...	-	-
2710 Basic iron and steel		5.6	14.4	38.9	27.8		...	...	...	...	-	-
2720 Basic precious and non-ferrous metals		-	14.8	49.5	33.5		...	...	...	...	100	66
273 Casting of metals		0.8	1.6	0.9	0.9		...	...	...	...	-	-
2731 Casting of iron and steel		...	0.7	0.2	0.5		...	...	...	...	-	-
2732 Casting of non-ferrous metals		...	0.9	0.7	0.4		...	...	...	...	-	-
281 Struct.metal products;tanks;steam generators		10.8	43.5	56.8	60.6		...	...	...	...	-	-
2811 Structural metal products		6.9	43.0	56.7	60.6		...	...	...	...	-	-
2812 Tanks, reservoirs and containers of metal		3.9	0.5	0.1	-		...	...	...	...	-	-
2813 Steam generators		-	-	-	-		...	...	...	...	-	-
289 Other metal products; metal working services		...	5.1	5.5	6.5		...	...	...	...	-	5791
2891 Metal forging/pressing/stamping/roll-forming		...	1.6	1.7	1.7		...	...	...	...	-	4740
2892 Treatment & coating of metals		...	0.3	0.5	-		...	...	...	...	-	-
2893 Cutlery, hand tools and general hardware		...	1.6	1.6	2.9		...	...	...	...	-	1051
2899 Other fabricated metal products n.e.c.		...	1.6	1.7	1.9		...	...	...	...	-	-
291 General purpose machinery		14.9	95.2	120.6	92.8		...	...	...	...	8800	1110
2911 Engines & turbines(not for transport equip.)		-	31.6	48.0	24.6		...	...	...	...	500	404
2912 Pumps, compressors, taps and valves		14.4	30.7	38.9	36.3		...	...	...	...	2400	1
2913 Bearings, gears, gearing & driving elements		-	0.7	0.7	0.4		...	...	...	...	4400	-
2914 Ovens, furnaces and furnace burners		0.5	-	-	1.7		...	...	...	...	-	-
2915 Lifting and handling equipment		-	10.1	9.6	9.8		...	...	...	...	700	705
2919 Other general purpose machinery		-	22.1	23.4	20.0		...	...	...	...	700	-

292 Special purpose machinery	56.0	50.2	67.6	80.4	...	...	...	...	4000	8592
2921 Agricultural and forestry machinery	2.4	4.2	4.0	3.6	...	...	...	...	-	50
2922 Machine tools	1.9	1.0	1.1	1.0	...	...	...	...	-	-
2923 Machinery for metallurgy	-	...	...	0.4	...	...	...	...	-	18
2924 Machinery for mining & construction	31.4	24.9	34.9	41.2	...	...	...	...	-	-
2925 Food/beverage/tobacco processing machinery	-	1.3	0.1	0.1	...	...	...	...	500	-
2926 Machinery for textile, apparel and leather	-	-	-	-	...	...	...	...	-	-
2927 Weapons and ammunition	-	-	-	-	...	...	...	...	-	-
2929 Other special purpose machinery	20.3	18.8	27.5	34.1	...	...	...	...	3500	8524
2930 Domestic appliances n.e.c.	-	80.8	43.2	15.2	...	...	...	...	2400	-
3000 Office, accounting and computing machinery	-	3.8	5.7	3.7	...	...	...	...	-	-
3110 Electric motors, generators and transformers	22.0	7.9	16.0	11.6	...	...	...	...	-	-
3120 Electricity distribution & control apparatus	7.3	6.6	12.7	15.1	...	...	...	...	100	-
3130 Insulated wire and cable	2.6	7.0	5.1	4.7	...	...	...	...	400	-
3140 Accumulators, primary cells and batteries	0.7	0.5	0.3	1.6	...	...	...	...	-	-
3150 Lighting equipment and electric lamps	2.1	0.1	0.4	10.9	...	...	...	...	-	-
3190 Other electrical equipment n.e.c.	-	2.3	4.3	3.4	...	...	...	...	-	-
3210 Electronic valves, tubes, etc.	-	2.2	5.7	3.6	...	...	...	...	-	75
3220 TV/radio transmitters; line comm. apparatus	9.3	10.0	12.0	3.7	...	...	...	...	-	-
3230 TV and radio receivers and associated goods	-	-	-	...	...	...	...	...	100	3
331 Medical, measuring, testing appliances, etc.	1.9	29.6	22.9	24.4	...	...	...	...	300	966
3311 Medical, surgical and orthopaedic equipment	...	...	...	2.7	...	...	...	...	...	32
3312 Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...	...
3313 Industrial process control equipment	...	...	...	...	...	...	...	...	...	...
3320 Optical instruments & photographic equipment	20.2	28.4	21.5	21.7	...	...	...	...	200	934
3330 Watches and clocks	-	-	-	-	...	...	...	...	-	-
3410 Motor vehicles	0.5	1.9	2.1	0.4	...	...	...	...	-	-
3420 Automobile bodies, trailers & semi-trailers	-	-	-	...	...	...	...	...	-	-
3430 Parts/accessories for automobiles	-	-	-	-	...	...	...	...	-	-
351 Building and repairing of ships and boats	21.8	31.8	94.6	64.9	...	...	...	...	-	-
3511 Building and repairing of ships	21.8	31.8	94.6	64.9	...	...	...	...	-	-
3512 Building/repairing of pleasure/sport. boats	-	-	-	-	...	...	...	...	-	-
3520 Railway/tramway locomotives & rolling stock	...	10.2	13.2	6.0	...	...	...	...	1100	38
3530 Aircraft and spacecraft	...	-	-	0.6	...	...	...	...	-	-
359 Transport equipment n.e.c.	...	-	-	...	...	...	...	...	-	-
3591 Motorcycles	...	-	-	...	...	...	...	...	-	-
3592 Bicycles and invalid carriages	...	-	-	...	...	...	...	...	-	-
3599 Other transport equipment n.e.c.	...	-	-	...	...	...	...	...	-	-
3610 Furniture	...	6.2	15.2	12.0	...	...	...	...	2900	...
369 Manufacturing n.e.c.	...	1.9	4.2	4.4	...	...	...	...	800	52
3691 Jewellery and related articles	...	1.7	3.9	1.8	...	...	...	...	-	48
3692 Musical instruments	...	-	-	-	...	...	...	...	-	4
3693 Sports goods	...	-	-	-	...	...	...	...	-	-
3694 Games and toys	...	0.1	0.1	-	...	...	...	...	800	...
3699 Other manufacturing n.e.c.	...	0.1	0.2	2.6	...	...	...	...	-	-
3710 Recycling of metal waste and scrap	0.6	1.6	5.2	0.4	...	...	...	...	-	-
3720 Recycling of non-metal waste and scrap	...	-	-	0.8	...	...	...	...	-	158
D Total manufacturing	5409.7	6584.7	7554.7	6301.4	...	...	...	...	173600	111675

## Azerbaijan

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
15 Food and beverages		...	...	...	...	...	...	...	...	...	...	...	...
16 Tobacco products		...	...	...	...	...	...	...	...	...	...	...	...
17 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
18 Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...	...
19 Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...	...
21 Paper and paper products		...	...	...	...	...	...	...	...	...	...	...	...
22 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
23 Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24 Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...	...
25 Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26 Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
27 Basic metals		...	...	...	...	...	...	...	...	...	...	...	...
28 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
29 Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
30 Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...	...
32 Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...	...
35 Other transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37 Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

## BARBADOS

<p><b>Supplier of information:</b> Barbados Statistical Service, Bridgetown.</p> <p><b>Basic source of data:</b> Annual industrial survey, based on Industrial Census, 1994.</p> <p><b>Major deviations from ISIC (Revision 2):</b> Food products (ISIC 311/2) does not include sugar manufacturing.</p> <p><b>Reference period (if not calendar year):</b> The reference period is the calendar year, but data reported for the financial year are accepted and incorporated in the calendar year in which the major part of the financial year falls.</p> <p><b>Scope:</b> All establishments.</p> <p><b>Method of enumeration:</b> Questionnaires are distributed by mail with follow-up site visits as required.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of employees</u> is the average of the quarterly numbers. <u>Gross fixed capital formation</u> refers to the acquisition less sales of fixed assets during the year.</p> <p><b>Related national publications:</b> Statistical Bulletin; Survey of Industrial Establishments (occasional), both published by the Barbados Statistical Service, Bridgetown.</p>
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## Barbados

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand DOLLARS)			
		1992	1993	1994	1995		1992	1993	1994	1995		1992	1993	1994	1995
311/2 Food products	a/	75	80	80	79	a/	2148	2324	2097	2231	a/	46554	49248	50553	53345
313 Beverages	b/	16	16	17	17	b/	754	750	828	770	b/	22086	21410	24679	25284
314 Tobacco	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
321 Textiles	c/	22	22	22	24	c/	218	245	185	238	c/	3054	3720	2204	3124
322 Wearing apparel, except footwear		48	47	47	47		1947	1685	1018	1120		14211	10955	9697	11012
323 Leather and fur products	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
324 Footwear, except rubber or plastic	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
331 Wood products, except furniture	d/	57	57	57	57	d/	446	447	512	457	d/	6455	6342	8005	6547
332 Furniture and fixtures, excl. metal	d/	...	...	...	...	d/	...	...	...	...	d/	...	...	...	...
341 Paper and products	e/	56	56	55	51	e/	1450	1360	1018	1125	e/	35343	35344	28567	32335
342 Printing and publishing	e/	...	...	...	...	e/	...	...	...	...	e/	...	...	...	...
351 Industrial chemicals	f/	28	27	25	23	f/	582	577	508	506	f/	16505	17141	14065	12898
352 Other chemicals		16	15	15	14		356	332	332	334		11485	8317	7315	8403
353 Petroleum refineries	f/	...	...	...	...	f/	...	...	...	...	f/	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...		...	...	...	...		...	...	...	...
355 Rubber products	f/	...	...	...	...	f/	...	...	...	...	f/	...	...	...	...
356 Plastic products	f/	...	...	...	...	f/	...	...	...	...	f/	...	...	...	...
361 Pottery, china, earthenware		-	-	-	-		-	-	-	-		-	-	-	-
362 Glass and products	g/	26	24	24	21	g/	551	456	496	362	g/	12373	10215	10796	8851
369 Other non-metallic mineral products	g/	...	...	...	...	g/	...	...	...	...	g/	...	...	...	...
371 Iron and steel		-	-	-	-		-	-	-	-		-	-	-	-
372 Non-ferrous metals		-	-	-	-		-	-	-	-		-	-	-	-
381 Fabricated metal products		34	33	33	34		726	657	763	906		17929	15361	15456	19604
382 Non-electrical machinery	h/	14	14	20	17	h/	990	921	1039	1030	h/	13483	13256	15408	13600
383 Electrical machinery	h/	...	...	...	...	h/	...	...	...	...	h/	...	...	...	...
384 Transport equipment	i/	7	7	9	7	i/	253	270	310	334	i/	2727	2949	3349	4566
385 Professional and scientific equipment	i/	...	...	...	...	i/	...	...	...	...	i/	...	...	...	...
390 Other manufacturing industries		16	16	16	15		79	115	110	68		1286	1614	1628	1252
3 Total manufacturing	a/	415	414	420	406	a/	10500	10139	9216	9481	a/	203491	195872	191722	200821

a/ Excluding sugar factories and refineries.

b/ 313 includes 314.

c/ 321 includes 323 and 324.

d/ 331 includes 332.

e/ 341 includes 342.

f/ 351 includes 353, 355 and 356.

g/ 362 includes 369.

h/ 382 includes 383.

i/ 384 includes 385.



## Barbados

ISIC Revision 2 ISIC Industry	Output in producers' prices					Value added in producers' prices					Gross fixed capital formation		
	Note	(thousand DOLLARS)				Note	(thousand DOLLARS)				(thousand DOLLARS)		
		1992	1993	1994	1995		1992	1993	1994	1995	1994	1995	
311/2 Food products	a/	247934	326475	299517	316361	a/	86276	105868	101838	110479	a/	10016	11523
313 Beverages	b/	124028	130587	157390	198326	b/	76531	79975	102786	111478	b/	11281	8340
314 Tobacco	b/	...	...	...	...	b/	...	...	...	...	b/	...	...
321 Textiles	c/	12150	12941	9274	10406	c/	6273	7790	4760	5579	c/	63	257
322 Wearing apparel, except footwear		27917	16858	20982	29185		14880	11485	13210	13510		387	1251
323 Leather and fur products	c/	...	...	...	...	c/	...	...	...	...	c/	...	...
324 Footwear, except rubber or plastic	c/	...	...	...	...	c/	...	...	...	...	c/	...	...
331 Wood products, except furniture	d/	22613	30353	22174	20473	d/	10612	10981	11298	11311	d/	915	-16
332 Furniture and fixtures, excl. metal	d/	...	...	...	...	d/	...	...	...	...	d/	...	...
341 Paper and products	e/	116336	94011	90884	90960	e/	69685	52639	53037	54569	e/	4799	3660
342 Printing and publishing	e/	...	...	...	...	e/	...	...	...	...	e/	...	...
351 Industrial chemicals	f/	233019	254240	232925	256932	f/	130983	152019	141009	147467	f/	-1848	4415
352 Other chemicals		77341	60989	57046	66661		31529	25465	24065	26662		2150	1007
353 Petroleum refineries	f/	...	...	...	...	f/	...	...	...	...	f/	...	...
354 Misc. petroleum and coal products		...	...	...	...		...	...	...	...		...	...
355 Rubber products	f/	...	...	...	...	f/	...	...	...	...	f/	...	...
356 Plastic products	f/	...	...	...	...	f/	...	...	...	...	f/	...	...
361 Pottery, china, earthenware		-	-	-	-		-	-	-	-		-	-
362 Glass and products	g/	55583	45159	48436	40488	g/	28951	21900	23214	20937	g/	1100	2544
369 Other non-metallic mineral products	g/	...	...	...	...	g/	...	...	...	...	g/	...	...
371 Iron and steel		-	-	-	-		-	-	-	-		-	-
372 Non-ferrous metals		-	-	-	-		-	-	-	-		-	-
381 Fabricated metal products		82557	87913	82873	112242		32468	35095	35920	46696		5184	9
382 Non-electrical machinery	h/	67858	67644	70852	68432	h/	31565	35256	38239	34013	h/	2230	2667
383 Electrical machinery	h/	...	...	...	...	h/	...	...	...	...	h/	...	...
384 Transport equipment	i/	12330	11206	22774	20930	i/	6949	4763	8752	11193	i/	755	492
385 Professional and scientific equipment	i/	...	...	...	...	i/	...	...	...	...	i/	...	...
390 Other manufacturing industries		6337	5828	6390	7210		3573	1914	2701	5025		219	5
3 Total manufacturing	a/	1086003	1144204	1121517	1238606	a/	530275	545150	560829	598919	a/	37251	36154

a/ Excluding sugar factories and refineries.

b/ 313 includes 314.

c/ 321 includes 323 and 324.

d/ 331 includes 332.

e/ 341 includes 342.

f/ 351 includes 353, 355 and 356.

g/ 362 includes 369.

h/ 382 includes 383.

i/ 384 includes 385.

## Barbados

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products		100	95	94	100	108	103	104	107	111	118	125	133
313 Beverages	a/	81	84	87	100	100	96	107	116	122	114	118	131
314 Tobacco	a/	...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		150	155	120	100	80	52	44	27	25	22	23	17
323 Leather and fur products		...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	...	...	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		57	71	90	100	64	48	19	23	19	25	23	23
341 Paper and products		...	...	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals	b/	66	84	102	100	96	76	73	68	94	95	111	99
352 Other chemicals	b/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		83	88	93	100	95	81	90	92	96	98	110	12
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products	c/	96	105	113	100	96	67	68	88	94	94	105	134
369 Other non-metallic mineral products	c/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		80	84	92	100	89	129	102	94	102	109	106	89
384 Transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		75	84	94	100	100	92	91	102	113	111	113	127
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

a/ 313 includes 314.

b/ 351 includes 352.

c/ 362 includes 369.

## BOLIVIA

<p><b>Supplier of information:</b> Instituto Nacional de Estadística, La Paz.</p> <p><b>Basic source of data:</b> Annual industrial survey.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b> The data refer to the business year or accounting period.</p> <p><b>Scope:</b> Establishments with 5 or more persons engaged.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b> Encuesta Annual a la Industria Manufacturera, published by the Instituto Nacional de Estadística, La Paz.</p>
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## Bolivia

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand BOLIVIANOS)			
		1995	1996	1997	1998a/		1995	1996	1997	1998a/		1995	1996	1997	1998a/
151 Processed meat, fish, fruit, vegetables, fats		71	69	69	67		3947	4376	4804	4726		50425	67627	80415	88876
1511 Processing/preserving of meat		50	47	46	45		2267	2177	2237	2176		21399	25490	27901	29878
1512 Processing/preserving of fish		2	2	2	2		38	37	30	30		404	473	350	466
1513 Processing/preserving of fruit & vegetables		9	9	11	10		288	407	363	360		2585	4582	3319	4212
1514 Vegetable and animal oils and fats		10	11	10	10		1354	1755	2174	2160		26037	37082	48845	54320
1520 Dairy products		45	44	40	35		1428	1377	1485	1448		14883	12523	16842	23789
153 Grain mill products; starches; animal feeds		47	50	50	39		813	937	862	1241		9313	12387	16686	16307
1531 Grain mill products		35	36	36	30		660	760	704	1148		7753	10805	14960	15253
1532 Starches and starch products		-	-	-	-		-	-	-	-		-	-	-	-
1533 Prepared animal feeds		12	14	14	9		153	177	158	93		1560	1582	1727	1055
154 Other food products		187	189	190	167		3955	4012	4090	3749		46180	48645	57358	55155
1541 Bakery products		100	102	98	85		1314	1394	1478	1097		7591	9768	13399	9575
1542 Sugar		6	6	6	6		1339	1148	1103	895		28210	26315	28699	25410
1543 Cocoa, chocolate and sugar confectionery		15	16	14	12		234	272	253	279		1484	2179	1964	2095
1544 Macaroni, noodles & similar products		26	28	31	28		432	536	596	859		3512	4385	5893	10730
1549 Other food products n.e.c.		40	37	41	36		636	662	660	619		5382	6000	7401	7345
155 Beverages		64	65	65	64		5162	5487	5259	5554		106158	124705	121828	153028
1551 Distilling, rectifying & blending of spirits		9	9	10	10		481	489	628	532		4491	4567	9194	7415
1552 Wines		6	6	7	8		81	62	80	77		837	723	944	1073
1553 Malt liquors and malt		9	9	9	9		2054	1917	1834	2074		67518	74472	70906	86081
1554 Soft drinks; mineral waters		40	41	39	37		2546	3019	2717	2871		33312	44943	40785	58459
1600 Tobacco products		1	1	1	1		203	202	201	199		3762	4338	4412	5919
171 Spinning, weaving and finishing of textiles		38	40	43	34		2798	3080	3111	2963		22839	26864	31344	36514
1711 Textile fibre preparation; textile weaving		36	38	42	33		2778	3054	3111	2948		22716	26626	31344	36352
1712 Finishing of textiles		2	2	1	1		20	26	-	15		123	237	-	162
172 Other textiles		23	24	23	21		474	502	519	548		2681	3193	3712	6781
1721 Made-up textile articles, except apparel		11	10	9	7		306	320	355	314		1560	1796	2153	4437
1722 Carpets and rugs		3	3	3	3		12	12	10	12		157	138	148	236
1723 Cordage, rope, twine and netting		3	3	3	4		15	21	21	79		65	95	126	478
1729 Other textiles n.e.c.		6	8	8	7		141	149	133	143		899	1165	1285	1631
1730 Knitted and crocheted fabrics and articles		34	33	36	35		839	875	912	896		5955	7008	7893	7702
1810 Wearing apparel, except fur apparel		88	85	77	71		1971	1880	2005	1849		14554	12686	19419	22411
1820 Dressing & dyeing of fur; processing of fur		2	2	2	1		...	...	...	...		...	...	...	...
191 Tanning, dressing and processing of leather		36	36	32	31		1167	1141	1033	1001		7066	8359	9232	10451
1911 Tanning and dressing of leather		29	29	26	24		967	933	860	846		6004	6600	7657	8784
1912 Luggage, handbags, etc.; saddlery & harness		7	7	6	7		200	208	173	155		1062	1759	1574	1666
1920 Footwear		30	28	28	21		1037	946	1215	1173		11541	11009	6987	5631
2010 Sawmilling and planing of wood		105	106	99	82		1938	2370	1961	1414		14946	24076	20769	14774
202 Products of wood, cork, straw, etc.		52	57	51	42		1296	891	945	1023		8974	7534	8481	11614
2021 Veneer sheets, plywood, particle board, etc.		8	8	7	6		778	377	388	296		5934	3648	4133	3857
2022 Builders' carpentry and joinery		42	47	41	33		518	514	553	719		3040	3886	4310	7711
2023 Wooden containers		-	-	-	-		-	-	-	-		-	-	-	-
2029 Other wood products; articles of cork/straw		2	2	3	3		...	...	4	8		...	...	37	46
210 Paper and paper products		29	31	30	30		1655	1859	2053	2155		24037	28917	44387	50649
2101 Pulp, paper and paperboard		3	3	1	2		18	19	20	26		441	540	536	768
2102 Corrugated paper and paperboard		7	9	9	8		69	178	181	169		1034	2383	2889	2809
2109 Other articles of paper and paperboard		19	19	20	20		1568	1662	1852	1960		22562	25994	40962	47072
221 Publishing		29	30	35	38		1147	1159	1296	1492		17830	20933	28669	32557
2211 Publishing of books and other publications		11	10	14	17		131	124	165	213		1211	1339	1950	2706
2212 Publishing of newspapers, journals, etc.		17	19	20	19		1016	1019	1112	1245		16619	19420	26493	29536
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		-	-	-	-
2219 Other publishing		1	1	1	2		...	16	19	34		...	174	226	315

222 Printing and related service activities	121	123	118	94	1161	1294	1174	964	8511	11046	11704	10358
2221 Printing	120	122	117	94	1161	1294	1174	964	8511	11046	11704	10358
2222 Service activities related to printing	1	1	1	-	-	-	-	-	-	-	-	-
2230 Reproduction of recorded media	3	3	4	4	185	212	228	232	1256	2285	3196	2187
2310 Coke oven products	-	-	-	-	-	-	-	-	-	-	-	-
2320 Refined petroleum products	5	5	6	5	958	869	929	821	39149	38432	48739	54410
2330 Processing of nuclear fuel	-	-	-	-	-	-	-	-	-	-	-	-
241 Basic chemicals	22	21	24	21	325	334	287	236	5126	5602	5506	6002
2411 Basic chemicals, except fertilizers	18	18	20	18	301	327	278	236	4961	5550	5436	6002
2412 Fertilizers and nitrogen compounds	-	-	-	-	-	-	-	-	-	-	-	-
2413 Plastics in primary forms; synthetic rubber	4	3	4	3	24	7	9	-	165	52	69	-
242 Other chemicals	67	69	69	61	2331	2465	2695	2646	36308	45101	44723	52459
2421 Pesticides and other agro-chemical products	3	3	2	2	-	12	10	10	-	241	282	288
2422 Paints, varnishes, printing ink and mastics	7	8	8	8	237	241	255	290	5130	5731	6579	3454
2423 Pharmaceuticals, medicinal chemicals, etc.	29	28	30	28	1538	1548	1645	1731	24830	30371	28117	29629
2424 Soap, cleaning & cosmetic preparations	20	22	20	14	491	587	677	502	5356	7624	8319	17656
2429 Other chemical products n.e.c.	8	8	9	9	65	77	108	113	992	1134	1426	1432
2430 Man-made fibres	-	-	-	1	-	-	-	17	-	-	-	96
251 Rubber products	11	12	15	13	72	76	109	103	836	805	1259	1544
2511 Rubber tyres and tubes	3	3	5	4	7	-	10	11	66	-	90	72
2519 Other rubber products	8	9	10	9	65	76	99	92	771	805	1169	1472
2520 Plastic products	79	77	81	77	1821	1839	2181	2566	16410	18341	22164	31356
2610 Glass and glass products	11	12	12	13	422	468	498	516	5905	7132	11470	12249
269 Non-metallic mineral products n.e.c.	158	158	159	153	3589	3868	4133	4359	53461	57204	71419	89099
2691 Pottery, china and earthenware	-	-	-	1	-	-	-	5	-	-	-	19
2692 Refractory ceramic products	3	3	2	3	38	38	15	35	494	283	182	286
2693 Struct.non-refractory clay; ceramic products	91	91	80	74	1529	1668	1679	1719	10733	15224	16809	17067
2694 Cement, lime and plaster	14	13	16	16	1065	1035	1184	1364	33134	31990	41888	56723
2695 Articles of concrete, cement and plaster	45	46	54	50	832	967	1090	1048	8321	8565	11544	13404
2696 Cutting, shaping & finishing of stone	5	5	7	9	125	160	165	188	778	1143	996	1600
2699 Other non-metallic mineral products n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
2710 Basic iron and steel	5	4	8	8	54	47	72	79	345	296	591	641
2720 Basic precious and non-ferrous metals	6	6	9	8	1100	1084	1021	783	18439	19464	21198	23863
273 Casting of metals	13	12	12	9	188	196	175	221	1531	1667	1659	2267
2731 Casting of iron and steel	10	9	10	7	188	196	175	221	1531	1667	1659	2267
2732 Casting of non-ferrous metals	3	3	2	2	-	-	-	-	-	-	-	-
281 Struct.metall products;tanks;steam generators	53	53	40	36	642	664	577	598	4685	5830	5264	6504
2811 Structural metal products	48	48	35	31	513	532	406	408	3633	4725	3741	4710
2812 Tanks, reservoirs and containers of metal	5	5	5	5	129	132	171	190	1052	1104	1523	1794
2813 Steam generators	-	-	-	-	-	-	-	-	-	-	-	-
289 Other metal products; metal working services	87	86	69	54	822	1109	952	885	7618	14393	13890	13816
2891 Metal forging/pressing/stamping/roll-forming	-	-	-	-	-	-	-	-	-	-	-	-
2892 Treatment & coating of metals	19	17	7	5	-	-	-	-	-	-	-	-
2893 Cutlery, hand tools and general hardware	3	3	2	1	-	-	8	2	-	-	29	15
2899 Other fabricated metal products n.e.c.	65	66	60	48	822	1109	944	883	7618	14393	13861	13800
291 General purpose machinery	12	12	12	10	92	108	178	145	1058	1671	2225	1857
2911 Engines & turbines(not for transport equip.)	-	-	-	-	-	-	-	-	-	-	-	-
2912 Pumps, compressors, taps and valves	-	-	-	-	-	-	-	-	-	-	-	-
2913 Bearings, gears, gearing & driving elements	6	6	8	6	70	84	144	124	734	1251	1424	1389
2914 Ovens, furnaces and furnace burners	4	4	3	2	22	24	34	19	324	420	801	460
2915 Lifting and handling equipment	-	-	-	-	-	-	-	-	-	-	-	-
2919 Other general purpose machinery	2	2	1	2	-	-	-	2	-	-	-	-
292 Special purpose machinery	15	13	13	15	145	157	146	176	871	1096	1174	1349
2921 Agricultural and forestry machinery	3	2	1	1	18	12	-	12	79	58	-	43
2922 Machine tools	5	4	5	5	65	63	72	71	462	560	652	655
2923 Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-	-	-
2924 Machinery for mining & construction	4	4	4	5	50	69	69	82	279	419	482	602
2925 Food/beverage/tobacco processing machinery	1	1	1	1	-	-	-	-	-	-	-	-
2926 Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-	-	-
2927 Weapons and ammunition	-	-	-	-	-	-	-	-	-	-	-	-
2929 Other special purpose machinery	2	2	2	3	12	13	5	11	50	60	39	49
2930 Domestic appliances n.e.c.	3	3	2	2	22	22	16	11	189	243	151	220

continued

## Bolivia

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand BOLIVIANOS)			
		1995	1996	1997	1998a/		1995	1996	1997	1998a/		1995	1996	1997	1998a/
3000 Office, accounting and computing machinery		-	-	-	-		-	-	-	-		-	-	-	-
3110 Electric motors, generators and transformers		1	1	1	1		10	15	15	14		49	64	64	63
3120 Electricity distribution & control apparatus		1	1	1	1		221	287	311	284		1531	3444	6008	3372
3130 Insulated wire and cable		1	1	1	2		67	81	84	104		526	984	1249	1548
3140 Accumulators, primary cells and batteries		2	2	2	2		65	53	50	43		471	713	754	747
3150 Lighting equipment and electric lamps		9	8	9	7		18	91	75	72		65	524	1118	1353
3190 Other electrical equipment n.e.c.		5	5	3	1		...	...	...	...		...	...	...	...
3210 Electronic valves, tubes, etc.		-	-	-	-		-	-	-	-		-	-	-	-
3220 TV/radio transmitters; line comm. apparatus		-	-	-	-		-	-	-	-		-	-	-	-
3230 TV and radio receivers and associated goods		-	-	-	-		-	-	-	-		-	-	-	-
331 Medical, measuring, testing appliances, etc.		4	4	3	-		24	33	15	-		169	200	121	-
3311 Medical, surgical and orthopaedic equipment		4	4	3	-		24	33	15	-		169	200	121	-
3312 Measuring/testing/navigating appliances, etc.		-	-	-	-		-	-	-	-		-	-	-	-
3313 Industrial process control equipment		-	-	-	-		-	-	-	-		-	-	-	-
3320 Optical instruments & photographic equipment		9	9	11	11		65	68	105	109		578	811	1342	1333
3330 Watches and clocks		-	-	-	-		-	-	-	-		-	-	-	-
3410 Motor vehicles		-	-	-	-		-	-	-	-		-	-	-	-
3420 Automobile bodies, trailers & semi-trailers		23	21	20	13		257	321	311	167		1981	5897	5427	3296
3430 Parts/accessories for automobiles		16	14	13	12		211	217	192	249		1134	2332	1310	2550
351 Building and repairing of ships and boats		1	1	1	-		...	...	...	-		...	...	...	-
3511 Building and repairing of ships		-	-	-	-		-	-	-	-		-	-	-	-
3512 Building/repairing of pleasure/sport. boats		1	1	1	-		...	...	...	-		...	...	...	-
3520 Railway/tramway locomotives & rolling stock		-	-	1	1		-	-	-	3		-	-	-	31
3530 Aircraft and spacecraft		-	-	-	-		-	-	-	-		-	-	-	-
359 Transport equipment n.e.c.		2	3	2	2		-	27	-	-		-	112	-	-
3591 Motorcycles		-	-	-	-		-	-	-	-		-	-	-	-
3592 Bicycles and invalid carriages		2	3	2	2		...	27	...	...		...	112	...	...
3599 Other transport equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3610 Furniture		170	173	142	123		2132	2418	2005	1986		13854	16174	17501	18572
369 Manufacturing n.e.c.		20	20	26	24		687	912	906	942		5841	6405	7380	7341
3691 Jewellery and related articles		11	11	18	15		615	823	865	877		5475	5881	7124	6790
3692 Musical instruments		1	1	1	1		...	...	6	...		...	...	36	...
3693 Sports goods		-	-	-	-		-	-	-	-		-	-	-	-
3694 Games and toys		1	1	1	1		14	13	16	12		70	64	72	74
3699 Other manufacturing n.e.c.		7	7	6	7		58	76	19	53		296	459	147	477
3710 Recycling of metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
3720 Recycling of non-metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
D Total manufacturing		1816	1822	1760	1563		47516	50429	51191	50752		589042	689070	787042	892641

a/ Data are provisional.

## Bolivia

ISIC Revision 3 ISIC Industry	Note	Output in producers' prices (thousand BOLIVIANOS)				Note	Value added in producers' prices (thousand BOLIVIANOS)				Note	Gross fixed capital formation (thousand BOLIVIANOS)	
		1995	1996	1997	1998a/		1995	1996	1997	1998a/		1997	1998a/
		151 Processed meat, fish, fruit, vegetables, fats	2488215	2811135	3347168		3479161	560263	617691	738695		753478	238595
1511 Processing/preserving of meat	1553928	1592904	1767142	1792417	368174	387711	434002	387638	19808	-3539			
1512 Processing/preserving of fish	2215	2240	2505	2743	399	506	519	647	12	-3584			
1513 Processing/preserving of fruit & vegetables	28075	52304	64308	61671	7867	13389	11160	14560	2273	-2476			
1514 Vegetable and animal oils and fats	903997	1163686	1513214	1622330	183823	216085	293015	350634	216501	175617			
1520 Dairy products	247942	214971	242787	363269	72249	39840	61617	102766	14678	7327			
153 Grain mill products; starches; animal feeds	460472	495634	373993	406807	84167	69838	63412	70659	18713	33951			
1531 Grain mill products	449296	482824	362282	401541	82785	67549	60262	69676	18039	33997			
1532 Starches and starch products	-	-	-	-	-	-	-	-	-	-			
1533 Prepared animal feeds	11176	12810	11712	5266	1383	2289	3150	983	674	-46			
154 Other food products	995128	946950	1125521	969031	370922	310992	321646	296199	67433	38443			
1541 Bakery products	101606	125499	169385	122558	26497	36088	39519	28716	11686	16599			
1542 Sugar	649150	559373	605154	528411	292109	221078	222382	199045	20886	20136			
1543 Cocoa, chocolate and sugar confectionery	15542	16441	12785	16090	4804	5419	4540	7519	3668	1481			
1544 Macaroni, noodles & similar products	55881	78258	93671	126961	12404	16698	18092	28714	19999	-3434			
1549 Other food products n.e.c.	172949	167379	244526	175011	35108	31708	37114	32205	11194	3661			
155 Beverages	1125795	1186101	1332475	1631680	542796	490207	589352	780742	107466	136333			
1551 Distilling, rectifying & blending of spirits	61550	65067	81348	79272	26509	24216	28679	30417	-3779	7999			
1552 Wines	10826	8936	13396	16231	2886	3291	4859	6380	-2192	4373			
1553 Malt liquors and malt	710019	645883	706682	877572	376192	272441	343386	479482	31828	40624			
1554 Soft drinks; mineral waters	343400	466215	531050	658605	137209	190259	212428	264463	81609	83338			
1600 Tobacco products	81869	80847	82238	83953	25020	26575	27032	27948	-	578			
171 Spinning, weaving and finishing of textiles	249033	247851	271089	269963	82584	87858	105551	121448	80332	82949			
1711 Textile fibre preparation; textile weaving	248156	246536	271089	269379	82341	87612	105551	121197	80332	82834			
1712 Finishing of textiles	877	1315	-	584	243	246	-	252	-	115			
172 Other textiles	36154	44211	42489	50738	15799	17536	7223	22570	27940	20905			
1721 Made-up textile articles, except apparel	27296	35924	32536	34491	12372	15169	3313	15938	28933	18681			
1722 Carpets and rugs	1377	546	532	698	658	159	226	359	42	209			
1723 Cordage, rope, twine and netting	906	965	1209	4171	161	203	290	1757	196	634			
1729 Other textiles n.e.c.	6575	6777	8211	11379	2608	2004	3394	4516	-1232	1381			
1730 Knitted and crocheted fabrics and articles	44488	46461	50785	47520	18703	18436	18911	21220	9432	9401			
1810 Wearing apparel, except fur apparel	126815	125197	129870	145597	36406	38150	41234	57127	1810	21999			
1820 Dressing & dyeing of fur; processing of fur	...	...	...	...	...	...	...	...	-	...			
191 Tanning, dressing and processing of leather	120527	102264	112287	104638	27023	33323	26265	30324	12381	9654			
1911 Tanning and dressing of leather	112544	94474	106181	98287	22831	29943	24557	27881	11089	11893			
1912 Luggage, handbags, etc.; saddlery & harness	7982	7790	6106	6351	4191	3380	1708	2443	1293	-2239			
1920 Footwear	119598	110720	164839	90452	54606	44956	62742	36732	-24477	-10093			
2010 Sawmilling and planing of wood	259618	334770	245141	180650	69609	92487	65216	44100	7028	24752			
202 Products of wood, cork, straw, etc.	96461	92504	112293	132554	40875	40240	41859	42892	16596	19029			
2021 Veneer sheets, plywood, particle board, etc.	65999	55731	73298	64020	30579	22527	29497	26195	7179	7970			
2022 Builders' carpentry and joinery	30462	36773	38819	67849	10295	17713	12289	16586	9392	11024			
2023 Wooden containers	-	-	-	-	-	-	-	-	-	-			
2029 Other wood products; articles of cork/straw	...	...	176	684	...	...	74	111	25	34			
210 Paper and paper products	242358	254761	402641	489272	60148	130359	138593	99337	33024	25555			
2101 Pulp, paper and paperboard	4042	7244	8320	11685	566	1065	1267	1678	567	-94			
2102 Corrugated paper and paperboard	9978	26755	28676	22398	2992	7629	7103	8927	-1606	2056			
2109 Other articles of paper and paperboard	228338	220762	365645	455189	56590	121665	130223	88732	34064	23593			
221 Publishing	130680	164128	188452	203697	43716	62238	76662	73925	8010	4815			
2211 Publishing of books and other publications	7517	12021	14232	22168	3486	3994	6156	11685	1903	3703			
2212 Publishing of newspapers, journals, etc.	123163	149974	172917	178646	40230	56675	69943	61191	5539	1112			
2213 Publishing of recorded media	-	-	-	-	-	-	-	-	-	-			
2219 Other publishing	...	2134	1303	2882	...	1569	564	1049	568	...			

continued

## Bolivia

ISIC Revision 3	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation					
	ISIC Industry	Note	(thousand BOLIVIANOS)				Note	(thousand BOLIVIANOS)				Note	(thousand BOLIVIANOS)	
			1995	1996	1997	1998a/		1995	1996	1997	1998a/		1997	1998a/
222 Printing and related service activities		116560	137806	132770	111301		31674	43315	28897	31588		6117	4406	
2221 Printing		116560	137806	132770	111301		31674	43315	28897	31588		6117	4406	
2222 Service activities related to printing		...	...	...	...		...	...	...	...		-	-	
2230 Reproduction of recorded media		10110	17938	18466	16320		2905	11261	11537	8174		-799	-2065	
2310 Coke oven products		-	-	-	-		-	-	-	-		-	-	
2320 Refined petroleum products		2531459	3118978	3759967	3462926		1797146	2296378	2490006	2194025		61265	-57	
2330 Processing of nuclear fuel		-	-	-	-		-	-	-	-		-	-	
241 Basic chemicals		41894	46332	55799	58276		17170	24971	29718	30454		4065	65	
2411 Basic chemicals, except fertilizers		35300	45121	54516	58276		16588	24872	29437	30454		3660	65	
2412 Fertilizers and nitrogen compounds		-	-	-	-		-	-	-	-		-	-	
2413 Plastics in primary forms; synthetic rubber		6594	1211	1283	...		582	99	282	...		405	...	
242 Other chemicals		351839	452143	512812	560761		150053	170007	159792	277223		-10948	29553	
2421 Pesticides and other agro-chemical products		-	3392	3080	2533		-	554	1302	964		78	-664	
2422 Paints, varnishes, printing ink and mastics		66264	59716	81260	66133		17750	17777	19139	13344		-105	4435	
2423 Pharmaceuticals, medicinal chemicals, etc.		177492	215395	224709	228864		88248	115032	98314	119587		13450	23003	
2424 Soap, cleaning & cosmetic preparations		100533	161948	187889	247445		39641	30650	36035	138367		-24711	5997	
2429 Other chemical products n.e.c.		7550	11692	15875	15787		4414	5994	5002	4960		341	-3217	
2430 Man-made fibres		-	-	-	671		-	-	-	327		-	154	
251 Rubber products		3660	4226	7722	7740		1936	2154	3563	3708		1138	634	
2511 Rubber tyres and tubes		3326	3326	676	348		168	168	220	140		52	-73	
2519 Other rubber products		3326	4226	7046	7392		1768	2154	3343	3569		1086	708	
2520 Plastic products		200122	257547	257002	332668		62804	81260	74143	105669		41726	18209	
2610 Glass and glass products		98223	97043	114084	129400		42492	34211	48661	57327		-9777	40597	
269 Non-metallic mineral products n.e.c.		640493	647047	708875	930069		292120	282765	348567	404719		117313	159245	
2691 Pottery, china and earthenware		-	-	-	74		-	-	-	38		-	-2	
2692 Refractory ceramic products		1762	1438	812	964		833	648	426	526		261	128	
2693 Struct.non-refractory clay; ceramic products		85547	91110	93015	94205		39403	36893	41012	40744		8434	35472	
2694 Cement, lime and plaster		463008	439950	493440	685923		209256	195875	253546	302107		103339	103687	
2695 Articles of concrete, cement and plaster		84145	106143	111683	140634		39927	44042	50411	57858		5450	16074	
2696 Cutting, shaping & finishing of stone		6032	8407	9925	8269		2701	5308	3172	3447		-171	3886	
2699 Other non-metallic mineral products n.e.c.		-	-	-	-		-	-	-	-		-	-	
2710 Basic iron and steel		5780	5425	8013	10108		544	1296	1637	1646		1015	3505	
2720 Basic precious and non-ferrous metals		471897	424621	411869	354899		103136	37274	45286	10805		4186	5552	
273 Casting of metals		23945	26567	26337	36832		9085	10141	9376	12900		698	436	
2731 Casting of iron and steel		23945	26567	26337	36832		9085	10141	9376	12900		698	436	
2732 Casting of non-ferrous metals		...	...	...	...		...	...	...	...		-	-	
281 Struct.metall products;tanks;steam generators		80359	89215	84338	83209		20694	19458	16579	15354		-7040	11915	
2811 Structural metal products		64510	74708	62352	59138		16137	16571	11761	11631		-8195	8035	
2812 Tanks, reservoirs and containers of metal		15849	14507	21987	24070		4557	2887	4818	3723		1154	3881	
2813 Steam generators		-	-	-	-		-	-	-	-		-	-	
289 Other metal products; metal working services		99688	133101	151458	138424		34250	63477	64731	57146		19149	34308	
2891 Metal forging/pressing/stamping/roll-forming		-	-	-	-		-	-	-	-		-	-	
2892 Treatment & coating of metals		-	-	-	-		-	-	-	-		-	-	
2893 Cutlery, hand tools and general hardware		-	-	73	70		-	-	18	10		-3	5	
2899 Other fabricated metal products n.e.c.		99688	133101	151385	138354		34250	63477	64713	57135		19152	34303	
291 General purpose machinery		7113	8654	12553	14391		2615	3980	5290	4013		1950	5346	
2911 Engines & turbines(not for transport equip.)		-	-	-	-		-	-	-	-		-	-	
2912 Pumps, compressors, taps and valves		-	-	-	-		-	-	-	-		-	-	
2913 Bearings, gears, gearing & driving elements		4124	6714	10077	13025		1832	3156	3898	3655		1122	4852	
2914 Ovens, furnaces and furnace burners		2989	1940	2476	1128		783	824	1392	216		828	546	
2915 Lifting and handling equipment		-	-	-	-		-	-	-	-		-	-	
2919 Other general purpose machinery		...	...	...	238		...	...	...	142		-	-52	



292 Special purpose machinery	7238	7261	8047	8982	3248	3729	4401	3819	790	279
2921 Agricultural and forestry machinery	2153	645	...	222	316	111	...	74	-	5
2922 Machine tools	2515	3381	3325	3455	1710	2155	2210	2165	-10	-37
2923 Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-
2924 Machinery for mining & construction	2284	2998	4525	4840	1129	1384	2172	1454	703	211
2925 Food/beverage/tobacco processing machinery	-	-	-	-	-	-	-	-	-	-
2926 Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-
2927 Weapons and ammunition	-	-	-	-	-	-	-	-	-	-
2929 Other special purpose machinery	287	237	197	465	93	79	19	126	97	101
2930 Domestic appliances n.e.c.	1576	2020	982	1006	544	697	354	504	678	16
3000 Office, accounting and computing machinery	-	-	-	-	-	-	-	-	-	-
3110 Electric motors, generators and transformers	644	703	710	695	150	266	269	263	-	-
3120 Electricity distribution & control apparatus	10262	13111	22979	22487	6260	7326	10819	8350	3744	1854
3130 Insulated wire and cable	23813	30070	30397	23165	10003	10121	11613	12538	-281	-2916
3140 Accumulators, primary cells and batteries	4459	5081	5180	4990	1136	1313	1415	1358	612	-20
3150 Lighting equipment and electric lamps	422	11761	13908	12613	78	4265	4816	4533	2620	3591
3190 Other electrical equipment n.e.c.	...	...	...	...	...	...	...	...	-	...
3210 Electronic valves, tubes, etc.	-	-	-	-	-	-	-	-	-	-
3220 TV/radio transmitters; line comm. apparatus	-	-	-	-	-	-	-	-	-	-
3230 TV and radio receivers and associated goods	-	-	-	-	-	-	-	-	-	-
331 Medical, measuring, testing appliances, etc.	2009	1560	713	-	485	398	193	-	-42	-
3311 Medical, surgical and orthopaedic equipment	2009	1560	713	-	485	398	193	-	-42	-
3312 Measuring/testing/navigating appliances, etc.	-	-	-	-	-	-	-	-	-	-
3313 Industrial process control equipment	-	-	-	-	-	-	-	-	-	-
3320 Optical instruments & photographic equipment	9244	10403	11561	10989	1699	2151	2792	2703	35	1878
3330 Watches and clocks	-	-	-	-	-	-	-	-	-	-
3410 Motor vehicles	-	-	-	-	-	-	-	-	-	-
3420 Automobile bodies, trailers & semi-trailers	35080	28790	36902	15905	6346	7225	8960	5657	-301	4176
3430 Parts/accessories for automobiles	13912	14712	15092	24768	5334	6148	4473	7942	7100	1395
351 Building and repairing of ships and boats	...	...	...	-	...	...	...	-	-	-
3511 Building and repairing of ships	...	...	...	-	...	...	...	-	-	-
3512 Building/repairing of pleasure/sport. boats	...	...	...	-	...	...	...	-	-	-
3520 Railway/tramway locomotives & rolling stock	-	-	-	361	-	-	-	69	-	-
3530 Aircraft and spacecraft	-	-	-	-	-	-	-	-	-	-
359 Transport equipment n.e.c.	-	1038	-	-	-	255	-	-	-	-
3591 Motorcycles	-	-	-	-	-	-	-	-	-	-
3592 Bicycles and invalid carriages	...	1038	...	...	...	255	...	...	-	...
3599 Other transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3610 Furniture	100672	128678	119448	136798	26385	42995	39391	50194	10389	20663
369 Manufacturing n.e.c.	350984	406544	286700	200905	45620	59021	46762	88288	683	-1451
3691 Jewellery and related articles	346103	399938	284129	193391	44043	55483	45555	86118	673	-2524
3692 Musical instruments	...	...	80	...	...	...	28	...	17	...
3693 Sports goods	-	-	-	-	-	-	-	-	-	-
3694 Games and toys	855	795	735	578	265	257	256	233	27	-55
3699 Other manufacturing n.e.c.	4026	5810	1756	6936	1313	3281	922	1938	-34	1128
3710 Recycling of metal waste and scrap	-	-	-	-	-	-	-	-	-	-
3720 Recycling of non-metal waste and scrap	-	-	-	-	-	-	-	-	-	-
D Total manufacturing	12068609	13386880	15038752	15360639	4780797	5348582	5860051	5982762	875042	932884

a/ Data are provisional.

## Bolivia

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		95	99	93	100	111	110	117	120	127	135	135	142
16	Tobacco products		90	96	104	100	105	121	118	131	168	141	150	143
17	Textiles		152	144	109	100	109	119	117	139	143	133	132	124
18	Wearing apparel, fur		78	80	93	100	110	113	166	187	214	219	252	263
19	Leather, leather products and footwear		65	70	71	100	105	121	134	132	147	160	177	182
20	Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products		...	...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing		77	79	98	100	103	118	121	111	106	89	107	131
23	Coke, refined petroleum products, nuclear fuel		85	82	85	100	102	99	96	101	102	112	119	121
24	Chemicals and chemical products		54	63	77	100	92	96	92	128	156	196	265	270
25	Rubber and plastics products		127	91	98	100	118	138	159	172	191	221	236	237
26	Non-metallic mineral products		66	86	93	100	105	111	118	131	146	147	157	168
27	Basic metals		21	40	72	100	118	119	130	134	103	96	111	87
28	Fabricated metal products		88	122	141	100	104	111	116	136	132	121	123	125
29	Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		86	90	92	100	107	109	116	122	128	133	139	145

## BOTSWANA

**Supplier of information:**

Central Statistics Office, Gaborone.

**Basic source of data:**

Survey of Employment and Earnings (biannually), Survey of Industrial Production (quarterly) and Census of Production and Distribution (annual).

**Major deviations from ISIC (Revision 3):**

None reported.

**Reference period (if not calendar year):**

Fiscal year ending 30 June of the year indicated.

**Scope:**

Licensed establishments with one or more paid employees.

**Method of enumeration:**

Questionnaires are distributed by mail.

**Adjusted for non-response:**

Yes.

**Concepts and definitions of variables:**

Number of employees is the average for September of the reference year.

Wages and salaries is the compensation of employees and computed from monthly wages and salaries for all employees.

**Related national publications:**

Statistical Bulletin (quarterly); Employment Survey Report (annual); National Accounts of Botswana (annual), all published by the Central Statistics Office, Gaborone.

## Botswana

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand PULA)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats	...	...	...	9	...	...	...	151	...	...	...	29492			
1511 Processing/preserving of meat	...	...	...	...	...	...	...	...	...	...	...	...			
1512 Processing/preserving of fish	...	...	...	...	...	...	...	...	...	...	...	...			
1513 Processing/preserving of fruit & vegetables	...	...	...	...	...	...	...	...	...	...	...	...			
1514 Vegetable and animal oils and fats	...	...	...	...	...	...	...	...	...	...	...	...			
1520 Dairy products	...	...	...	70	...	...	...	294	...	...	...	4276			
153 Grain mill products; starches; animal feeds	...	...	...	...	...	...	...	960	...	...	...	9197			
1531 Grain mill products	...	...	...	...	...	...	...	...	...	...	...	...			
1532 Starches and starch products	...	...	...	...	...	...	...	...	...	...	...	...			
1533 Prepared animal feeds	...	...	...	...	...	...	...	...	...	...	...	...			
154 Other food products	...	...	...	...	...	...	...	...	...	...	...	...			
1541 Bakery products	...	...	...	61	...	...	...	1301	...	...	...	11684			
1542 Sugar	...	...	...	...	...	...	...	813a/	...	...	...	5986a/			
1543 Cocoa, chocolate and sugar confectionery	...	...	...	...	...	...	...	...a/	...	...	...	...a/			
1544 Macaroni, noodles & similar products	...	...	...	...	...	...	...	...a/	...	...	...	...a/			
1549 Other food products n.e.c.	...	...	...	...	...	...	...	...a/	...	...	...	...a/			
155 Beverages	...	...	...	7	...	...	...	732	...	...	...	15313			
1551 Distilling, rectifying & blending of spirits	...	...	...	...	...	...	...	...	...	...	...	...			
1552 Wines	...	...	...	...	...	...	...	...	...	...	...	...			
1553 Malt liquors and malt	...	...	...	...	...	...	...	...	...	...	...	...			
1554 Soft drinks; mineral waters	...	...	...	...	...	...	...	...	...	...	...	...			
1600 Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...			
171 Spinning, weaving and finishing of textiles	...	...	...	189b/	...	...	...	3038b/	...	...	...	20323b/			
1711 Textile fibre preparation; textile weaving	...	...	...	...	...	...	...	...	...	...	...	...			
1712 Finishing of textiles	...	...	...	...	...	...	...	...	...	...	...	...			
172 Other textiles	...	...	...	b/	...	...	...	b/	...	...	...	b/			
1721 Made-up textile articles, except apparel	...	...	...	...	...	...	...	...	...	...	...	...			
1722 Carpets and rugs	...	...	...	...	...	...	...	...	...	...	...	...			
1723 Cordage, rope, twine and netting	...	...	...	...	...	...	...	...	...	...	...	...			
1729 Other textiles n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...			
1730 Knitted and crocheted fabrics and articles	...	...	...	b/	...	...	...	b/	...	...	...	b/			
1810 Wearing apparel, except fur apparel	...	...	...	...	...	...	...	3415c/	...	...	...	20781c/			
1820 Dressing & dyeing of fur; processing of fur	...	...	...	...	...	...	...	...c/	...	...	...	...c/			
191 Tanning, dressing and processing of leather	...	...	...	18	...	...	...	263	...	...	...	1440			
1911 Tanning and dressing of leather	...	...	...	...	...	...	...	...	...	...	...	...			
1912 Luggage, handbags, etc.; saddlery & harness	...	...	...	...	...	...	...	...	...	...	...	...			
1920 Footwear	...	...	...	...	...	...	...	116	...	...	...	499			
2010 Sawmilling and planing of wood	...	...	...	59d/	...	...	...	464d/	...	...	...	3426d/			
202 Products of wood, cork, straw, etc.	...	...	...	d/	...	...	...	d/	...	...	...	d/			
2021 Veneer sheets, plywood, particle board, etc.	...	...	...	...	...	...	...	...	...	...	...	...			
2022 Builders' carpentry and joinery	...	...	...	...	...	...	...	...	...	...	...	...			
2023 Wooden containers	...	...	...	...	...	...	...	...	...	...	...	...			
2029 Other wood products; articles of cork/straw	...	...	...	...	...	...	...	...	...	...	...	...			
210 Paper and paper products	...	...	...	75	...	...	...	441	...	...	...	2756			
2101 Pulp, paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...			
2102 Corrugated paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...			
2109 Other articles of paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...			
221 Publishing	...	...	...	...	...	...	...	1417e/	...	...	...	18245e/			
2211 Publishing of books and other publications	...	...	...	...	...	...	...	...	...	...	...	...			
2212 Publishing of newspapers, journals, etc.	...	...	...	...	...	...	...	...	...	...	...	...			
2213 Publishing of recorded media	...	...	...	...	...	...	...	...	...	...	...	...			
2219 Other publishing	...	...	...	...	...	...	...	...	...	...	...	...			

222	Printing and related service activities	...	...	...	...	...	...	...	...e/	...	...	...	...	...e/
2221	Printing	...	...	...	...	...	...	...	...	...	...	...	...	...
2222	Service activities related to printing	...	...	...	...	...	...	...	...	...	...	...	...	...
2230	Reproduction of recorded media	...	...	...	...	...	...	...	...	...	...	...	...	...
2310	Coke oven products	...	...	...	...	...	...	...	...	...	...	...	...	...
2320	Refined petroleum products	...	...	...	...	...	...	...	...	...	...	...	...	...
2330	Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...	...
241	Basic chemicals	...	...	...	...	48f/	...	...	...	708f/	...	...	...	9817f/
2411	Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...	...	...	...	...	...
2412	Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...	...	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...	...	...	...	...
242	Other chemicals	...	...	...	...	...f/	...	...	...	...f/	...	...	...	...f/
2421	Pesticides and other agro-chemical products	...	...	...	...	...	...	...	...	...	...	...	...	...
2422	Paints, varnishes, printing ink and mastics	...	...	...	...	...	...	...	...	...	...	...	...	...
2423	Pharmaceuticals, medicinal chemicals, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...
2424	Soap, cleaning & cosmetic preparations	...	...	...	...	...	...	...	...	...	...	...	...	...
2429	Other chemical products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...
2430	Man-made fibres	...	...	...	...	...f/	...	...	...	...f/	...	...	...	...f/
251	Rubber products	...	...	...	...	...	...	...	...	653g/	...	...	...	12925g/
2511	Rubber tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...	...
2519	Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...	...
2520	Plastic products	...	...	...	...	...	...	...	...	...g/	...	...	...	...g/
2610	Glass and glass products	...	...	...	...	-h/	...	...	...	1214h/	...	...	...	11919h/
269	Non-metallic mineral products n.e.c.	...	...	...	...	...h/	...	...	...	...h/	...	...	...	...h/
2691	Pottery, china and earthenware	...	...	...	...	...	...	...	...	...	...	...	...	...
2692	Refractory ceramic products	...	...	...	...	...	...	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...	...	...	...	...	...
2694	Cement, lime and plaster	...	...	...	...	...	...	...	...	...	...	...	...	...
2695	Articles of concrete, cement and plaster	...	...	...	...	...	...	...	...	...	...	...	...	...
2696	Cutting, shaping & finishing of stone	...	...	...	...	...	...	...	...	...	...	...	...	...
2699	Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...
2710	Basic iron and steel	...	...	...	...	-i/	...	...	...	223i/	...	...	...	1617i/
2720	Basic precious and non-ferrous metals	...	...	...	...	...i/	...	...	...	...i/	...	...	...	...i/
273	Casting of metals	...	...	...	...	...i/	...	...	...	...i/	...	...	...	...i/
2731	Casting of iron and steel	...	...	...	...	...	...	...	...	...	...	...	...	...
2732	Casting of non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...	...
281	Struct.metal products;tanks;steam generators	...	...	...	...	...	...	...	...	...	...	...	...	...
2811	Structural metal products	...	...	...	...	144j/	...	...	...	1718j/	...	...	...	16339j/
2812	Tanks, reservoirs and containers of metal	...	...	...	...	...	...	...	...	...	...	...	...	...
2813	Steam generators	...	...	...	...	...	...	...	...	...	...	...	...	...
289	Other metal products; metal working services	...	...	...	...	...j/	...	...	...	...j/	...	...	...	...j/
2891	Metal forging/pressing/stamping/roll-forming	...	...	...	...	...	...	...	...	...	...	...	...	...
2892	Treatment & coating of metals	...	...	...	...	...	...	...	...	...	...	...	...	...
2893	Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...	...	...	...
2899	Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...
291	General purpose machinery	...	...	...	...	-k/	...	...	...	- k/	...	...	...	- k/
2911	Engines & turbines(not for transport equip.)	...	...	...	...	...	...	...	...	...	...	...	...	...
2912	Pumps, compressors, taps and valves	...	...	...	...	...	...	...	...	...	...	...	...	...
2913	Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...	...	...	...	...	...
2914	Ovens, furnaces and furnace burners	...	...	...	...	...	...	...	...	...	...	...	...	...
2915	Lifting and handling equipment	...	...	...	...	...	...	...	...	...	...	...	...	...
2919	Other general purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...	...
292	Special purpose machinery	...	...	...	...	...k/	...	...	...	...k/	...	...	...	...k/
2921	Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...	...	...	...	...
2922	Machine tools	...	...	...	...	...	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	...	...	...	...	...k/	...	...	...	...k/	...	...	...	...k/

continued

Botswana

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees							
	Note	(numbers)				Note	(numbers)				Note	(thousand PULA)				
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998	
ISIC Industry																
3000 Office, accounting and computing machinery		...	...	...	-		...	...	...	-		...	...	...	-	
3110 Electric motors, generators and transformers		...	...	...	...		...	...	...	...		...	...	...	...	
3120 Electricity distribution & control apparatus		...	...	...	...		...	...	...	...		...	...	...	...	
3130 Insulated wire and cable		...	...	...	...		...	...	...	...		...	...	...	...	
3140 Accumulators, primary cells and batteries		...	...	...	...		...	...	...	...		...	...	...	...	
3150 Lighting equipment and electric lamps		...	...	...	...		...	...	...	...		...	...	...	...	
3190 Other electrical equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...	
3210 Electronic valves, tubes, etc.		...	...	...	...		...	...	...	...		...	...	...	...	
3220 TV/radio transmitters; line comm. apparatus		...	...	...	...		...	...	...	...		...	...	...	...	
3230 TV and radio receivers and associated goods		...	...	...	...		...	...	...	...		...	...	...	...	
331 Medical, measuring, testing appliances, etc.		...	...	...	...		...	...	...	586m/		...	...	...	6216m/	
3311 Medical, surgical and orthopaedic equipment		...	...	...	...		...	...	...	...		...	...	...	...	
3312 Measuring/testing/navigating appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...	
3313 Industrial process control equipment		...	...	...	...		...	...	...	...		...	...	...	...	
3320 Optical instruments & photographic equipment		...	...	...	...		...	...	...	...m/		...	...	...	...m/	
3330 Watches and clocks		...	...	...	...		...	...	...	...m/		...	...	...	...m/	
3410 Motor vehicles		...	...	...	...		...	...	...	390n/		...	...	...	15509n/	
3420 Automobile bodies, trailers & semi-trailers		...	...	...	...		...	...	...	...n/		...	...	...	...n/	
3430 Parts/accessories for automobiles		...	...	...	...		...	...	...	...n/		...	...	...	...n/	
351 Building and repairing of ships and boats		...	...	...	...		...	...	...	...		...	...	...	...	
3511 Building and repairing of ships		...	...	...	...		...	...	...	...		...	...	...	...	
3512 Building/repairing of pleasure/sport. boats		...	...	...	...		...	...	...	...		...	...	...	...	
3520 Railway/tramway locomotives & rolling stock		...	...	...	...		...	...	...	...		...	...	...	...	
3530 Aircraft and spacecraft		...	...	...	...		...	...	...	...		...	...	...	...	
359 Transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...	
3591 Motorcycles		...	...	...	...		...	...	...	...		...	...	...	...	
3592 Bicycles and invalid carriages		...	...	...	...		...	...	...	...		...	...	...	...	
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...	
3610 Furniture		...	...	...	...		...	...	...	501		...	...	...	5291	
369 Manufacturing n.e.c.		...	...	...	178		...	...	...	2158		...	...	...	15827	
3691 Jewellery and related articles		...	...	...	...		...	...	...	...		...	...	...	...	
3692 Musical instruments		...	...	...	...		...	...	...	...		...	...	...	...	
3693 Sports goods		...	...	...	...		...	...	...	...		...	...	...	...	
3694 Games and toys		...	...	...	...		...	...	...	...		...	...	...	...	
3699 Other manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...	
3710 Recycling of metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...	
3720 Recycling of non-metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...	
D Total manufacturing		...	...	...	858		...	...	...	23066		...	...	...	238879	

- a/ 1542 includes 1543, 1544 and 1549.
- b/ 171 includes 172 and 1730.
- c/ 1810 includes 1820.
- d/ 2010 includes 202.
- e/ 221 includes 222.
- f/ 241 includes 242 and 2430.
- g/ 251 includes 2520.
- h/ 2610 includes 269.
- i/ 2710 includes 2720 and 273.
- j/ 2811 includes 289.
- k/ 291 includes 292 and 2930.
- m/ 331 includes 3320 and 3330.
- n/ 3410 includes 3420 and 3430.

## BRAZIL

<p><b>Supplier of information:</b> Fundação Instituto Brasileiro de Geografia e Estatística (IBGE), Rio de Janeiro.</p> <p><b>Basic source of data:</b> Annual industrial survey.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> The survey covers all registered establishments.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of employees</u> refers to persons actively engaged as of 31 December of the year indicated. <u>Output</u> and <u>value added</u> exclude discount and cancelled sales. The valuation of output and value added is approximate to factor values.</p> <p><b>Related national publications:</b></p>
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## Brazil

ISIC Revision 3 ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million REAITS)			
		1993	1994	1995	1996		1993	1994	1995	1996		1993	1994	1995	1996
151 Processed meat, fish, fruit, vegetables, fats	...	...	...	2670	...	...	...	238.3	...	...	...	1705			
1511 Processing/preserving of meat	...	...	...	...	...	...	...	...	...	...	...	...			
1512 Processing/preserving of fish	...	...	...	...	...	...	...	...	...	...	...	...			
1513 Processing/preserving of fruit & vegetables	...	...	...	...	...	...	...	...	...	...	...	...			
1514 Vegetable and animal oils and fats	...	...	...	...	...	...	...	...	...	...	...	...			
1520 Dairy products	...	...	...	3094	...	...	...	90.1	...	...	...	879			
153 Grain mill products; starches; animal feeds	...	...	...	1882	...	...	...	65.4	...	...	...	478			
1531 Grain mill products	...	...	...	...	...	...	...	...	...	...	...	...			
1532 Starches and starch products	...	...	...	...	...	...	...	...	...	...	...	...			
1533 Prepared animal feeds	...	...	...	...	...	...	...	...	...	...	...	...			
154 Other food products	...	...	...	12510	...	...	...	407.4	...	...	...	2342			
1541 Bakery products	...	...	...	...	...	...	...	...	...	...	...	...			
1542 Sugar	...	...	...	...	...	...	...	...	...	...	...	...			
1543 Cocoa, chocolate and sugar confectionery	...	...	...	...	...	...	...	...	...	...	...	...			
1544 Macaroni, noodles & similar products	...	...	...	...	...	...	...	...	...	...	...	...			
1549 Other food products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...			
155 Beverages	...	...	...	1477	...	...	...	204.6	...	...	...	1807			
1551 Distilling, rectifying & blending of spirits	...	...	...	...	...	...	...	...	...	...	...	...			
1552 Wines	...	...	...	...	...	...	...	...	...	...	...	...			
1553 Malt liquors and malt	...	...	...	...	...	...	...	...	...	...	...	...			
1554 Soft drinks; mineral waters	...	...	...	...	...	...	...	...	...	...	...	...			
1600 Tobacco products	...	...	...	353	...	...	...	21.5	...	...	...	265			
171 Spinning, weaving and finishing of textiles	...	...	...	2395	...	...	...	179.4	...	...	...	1191			
1711 Textile fibre preparation; textile weaving	...	...	...	...	...	...	...	...	...	...	...	...			
1712 Finishing of textiles	...	...	...	...	...	...	...	...	...	...	...	...			
172 Other textiles	...	...	...	1722	...	...	...	81.3	...	...	...	572			
1721 Made-up textile articles, except apparel	...	...	...	...	...	...	...	...	...	...	...	...			
1722 Carpets and rugs	...	...	...	...	...	...	...	...	...	...	...	...			
1723 Cordage, rope, twine and netting	...	...	...	...	...	...	...	...	...	...	...	...			
1729 Other textiles n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...			
1730 Knitted and crocheted fabrics and articles	...	...	...	947	...	...	...	30.5	...	...	...	185			
1810 Wearing apparel, except fur apparel	...	...	...	15567a/	...	...	...	378.9a/	...	...	...	1572a/			
1820 Dressing & dyeing of fur; processing of fur	...	...	...	...a/	...	...	...	...a/	...	...	...	...a/			
191 Tanning, dressing and processing of leather	...	...	...	1470	...	...	...	54.8	...	...	...	283			
1911 Tanning and dressing of leather	...	...	...	...	...	...	...	...	...	...	...	...			
1912 Luggage, handbags, etc.; saddlery & harness	...	...	...	...	...	...	...	...	...	...	...	...			
1920 Footwear	...	...	...	2895	...	...	...	218.3	...	...	...	1014			
2010 Sawmilling and planing of wood	...	...	...	3269	...	...	...	73.8	...	...	...	228			
202 Products of wood, cork, straw, etc.	...	...	...	3351	...	...	...	100.4	...	...	...	462			
2021 Veneer sheets, plywood, particle board, etc.	...	...	...	...	...	...	...	...	...	...	...	...			
2022 Builders' carpentry and joinery	...	...	...	...	...	...	...	...	...	...	...	...			
2023 Wooden containers	...	...	...	...	...	...	...	...	...	...	...	...			
2029 Other wood products; articles of cork/straw	...	...	...	...	...	...	...	...	...	...	...	...			
210 Paper and paper products	...	...	...	2254	...	...	...	146.6	...	...	...	1760			
2101 Pulp, paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...			
2102 Corrugated paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...			
2109 Other articles of paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...			
221 Publishing	...	...	...	3468	...	...	...	128.7	...	...	...	1704			
2211 Publishing of books and other publications	...	...	...	...	...	...	...	...	...	...	...	...			
2212 Publishing of newspapers, journals, etc.	...	...	...	...	...	...	...	...	...	...	...	...			
2213 Publishing of recorded media	...	...	...	...	...	...	...	...	...	...	...	...			
2219 Other publishing	...	...	...	...	...	...	...	...	...	...	...	...			



222	Printing and related service activities	...	...	3798	...	...	57.8	...	410
2221	Printing	...	...	...	...	...	...	...	...
2222	Service activities related to printing	...	...	...	...	...	...	...	...
2230	Reproduction of recorded media	...	...	92	...	...	3.7	...	45
2310	Coke oven products	...	...	6	...	...	0.2	...	2
2320	Refined petroleum products	...	...	107	...	...	24.1	...	931
2330	Processing of nuclear fuel	...	...	...b/	...	...	...b/	...	...b/
241	Basic chemicals	...	...	1481	...	...	78.2	...	1722
2411	Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...
2412	Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...
242	Other chemicals	...	...	4131	...	...	194.9	...	3039
2421	Pesticides and other agro-chemical products	...	...	...	...	...	...	...	...
2422	Paints, varnishes, printing ink and mastics	...	...	...	...	...	...	...	...
2423	Pharmaceuticals, medicinal chemicals, etc.	...	...	...	...	...	...	...	...
2424	Soap, cleaning & cosmetic preparations	...	...	...	...	...	...	...	...
2429	Other chemical products n.e.c.	...	...	...	...	...	...	...	...
2430	Man-made fibres	...	...	55	...	...	6.9	...	93
251	Rubber products	...	...	1619	...	...	66.7	...	754
2511	Rubber tyres and tubes	...	...	...	...	...	...	...	...
2519	Other rubber products	...	...	...	...	...	...	...	...
2520	Plastic products	...	...	3792	...	...	175.3	...	1399
2610	Glass and glass products	...	...	319	...	...	26.3	...	326
269	Non-metallic mineral products n.e.c.	...	...	8855	...	...	223.5	...	1420
2691	Pottery, china and earthenware	...	...	...	...	...	...	...	...
2692	Refractory ceramic products	...	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...
2694	Cement, lime and plaster	...	...	...	...	...	...	...	...
2695	Articles of concrete, cement and plaster	...	...	...	...	...	...	...	...
2696	Cutting, shaping & finishing of stone	...	...	...	...	...	...	...	...
2699	Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...
2710	Basic iron and steel	...	...	636	...	...	105.7	...	1799
2720	Basic precious and non-ferrous metals	...	...	780	...	...	42.7	...	608
273	Casting of metals	...	...	1144	...	...	39.2	...	302
2731	Casting of iron and steel	...	...	...	...	...	...	...	...
2732	Casting of non-ferrous metals	...	...	...	...	...	...	...	...
281	Struct.metal products;tanks;steam generators	...	...	2976	...	...	73.6	...	575
2811	Structural metal products	...	...	...	...	...	...	...	...
2812	Tanks, reservoirs and containers of metal	...	...	...	...	...	...	...	...
2813	Steam generators	...	...	...	...	...	...	...	...
289	Other metal products; metal working services	...	...	6867	...	...	217.6	...	1873
2891	Metal forging/pressing/stamping/roll-forming	...	...	...	...	...	...	...	...
2892	Treatment & coating of metals	...	...	...	...	...	...	...	...
2893	Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...
2899	Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...
291	General purpose machinery	...	...	2612	...	...	135.9	...	1713
2911	Engines & turbines(not for transport equip.)	...	...	...	...	...	...	...	...
2912	Pumps, compressors, taps and valves	...	...	...	...	...	...	...	...
2913	Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...
2914	Ovens, furnaces and furnace burners	...	...	...	...	...	...	...	...
2915	Lifting and handling equipment	...	...	...	...	...	...	...	...
2919	Other general purpose machinery	...	...	...	...	...	...	...	...
292	Special purpose machinery	...	...	3083	...	...	131.5	...	1669
2921	Agricultural and forestry machinery	...	...	...	...	...	...	...	...
2922	Machine tools	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	...	...	324	...	...	49.6	...	589

continued

## Brazil

ISIC Revision 3	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million REAIS)			
		1993	1994	1995	1996		1993	1994	1995	1996		1993	1994	1995	1996
ISIC Industry	Note	1993	1994	1995	1996	Note	1993	1994	1995	1996	Note	1993	1994	1995	1996
3000 Office, accounting and computing machinery	...	...	...	...	372	...	...	...	...	13.4	...	...	...	...	159
3110 Electric motors, generators and transformers	...	...	...	...	366	...	...	...	...	26.4	...	...	...	...	369
3120 Electricity distribution & control apparatus	...	...	...	...	443	...	...	...	...	22.8	...	...	...	...	279
3130 Insulated wire and cable	...	...	...	...	218	...	...	...	...	20.3	...	...	...	...	195
3140 Accumulators, primary cells and batteries	...	...	...	...	114	...	...	...	...	8.3	...	...	...	...	107
3150 Lighting equipment and electric lamps	...	...	...	...	430	...	...	...	...	17.5	...	...	...	...	180
3190 Other electrical equipment n.e.c.	...	...	...	...	770	...	...	...	...	40.5	...	...	...	...	575
3210 Electronic valves, tubes, etc.	...	...	...	...	359	...	...	...	...	23.3	...	...	...	...	267
3220 TV/radio transmitters; line comm. apparatus	...	...	...	...	319	...	...	...	...	22.4	...	...	...	...	431
3230 TV and radio receivers and associated goods	...	...	...	...	330	...	...	...	...	40.2	...	...	...	...	490
331 Medical, measuring, testing appliances, etc.	...	...	...	...	917	...	...	...	...	37.2	...	...	...	...	382
3311 Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3313 Industrial process control equipment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3320 Optical instruments & photographic equipment	...	...	...	...	266	...	...	...	...	8.7	...	...	...	...	59
3330 Watches and clocks	...	...	...	...	89	...	...	...	...	3.8	...	...	...	...	43
3410 Motor vehicles	...	...	...	...	1108	...	...	...	...	116.5	...	...	...	...	2318
3420 Automobile bodies, trailers & semi-trailers	...	...	...	...	574	...	...	...	...	30.0	...	...	...	...	303
3430 Parts/accessories for automobiles	...	...	...	...	1041	...	...	...	...	131.2	...	...	...	...	1826
351 Building and repairing of ships and boats	...	...	...	...	277	...	...	...	...	9.8	...	...	...	...	99
3511 Building and repairing of ships	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	...	...	...	...	40	...	...	...	...	4.5	...	...	...	...	49
3530 Aircraft and spacecraft	...	...	...	...	78	...	...	...	...	6.9	...	...	...	...	145
359 Transport equipment n.e.c.	...	...	...	...	289	...	...	...	...	16.1	...	...	...	...	166
3591 Motorcycles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3610 Furniture	...	...	...	...	6828	...	...	...	...	173.3	...	...	...	...	842
369 Manufacturing n.e.c.	...	...	...	...	2661	...	...	...	...	76.6	...	...	...	...	518
3691 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3692 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3693 Sports goods	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3694 Games and toys	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3699 Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3710 Recycling of metal waste and scrap	...	...	...	...	48	...	...	...	...	1.2	...	...	...	...	7
3720 Recycling of non-metal waste and scrap	...	...	...	...	102	...	...	...	...	1.8	...	...	...	...	9
D Total manufacturing	...	...	...	...	120043	...	...	...	...	4925.9	...	...	...	...	45534

a/ 1810 includes 1820.

b/ Data suppressed due to confidentiality rules.

## Brazil

ISIC Revision 3	Output in factor values				Value added in factor values				Gross fixed capital formation				
	Note	(million REAIS)				Note	(million REAIS)				Note	(million REAIS)	
		1993	1994	1995	1996		1993	1994	1995	1996		1995	1996
151 Processed meat, fish, fruit, vegetables, fats		...	...	...	22349		...	...	...	7956		...	...
1511 Processing/preserving of meat		...	...	...	...		...	...	...	...		...	...
1512 Processing/preserving of fish		...	...	...	...		...	...	...	...		...	...
1513 Processing/preserving of fruit & vegetables		...	...	...	...		...	...	...	...		...	...
1514 Vegetable and animal oils and fats		...	...	...	...		...	...	...	...		...	...
1520 Dairy products		...	...	...	9121		...	...	...	3561		...	...
153 Grain mill products; starches; animal feeds		...	...	...	8552		...	...	...	2878		...	...
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...
1533 Prepared animal feeds		...	...	...	...		...	...	...	...		...	...
154 Other food products		...	...	...	17999		...	...	...	7856		...	...
1541 Bakery products		...	...	...	...		...	...	...	...		...	...
1542 Sugar		...	...	...	...		...	...	...	...		...	...
1543 Cocoa, chocolate and sugar confectionery		...	...	...	...		...	...	...	...		...	...
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...
1549 Other food products n.e.c.		...	...	...	...		...	...	...	...		...	...
155 Beverages		...	...	...	15175		...	...	...	8164		...	...
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...
1552 Wines		...	...	...	...		...	...	...	...		...	...
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...	...
1600 Tobacco products		...	...	...	2964		...	...	...	1762		...	...
171 Spinning, weaving and finishing of textiles		...	...	...	7823		...	...	...	3311		...	...
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...		...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...
172 Other textiles		...	...	...	3316		...	...	...	1578		...	...
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...	...
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...	...
1730 Knitted and crocheted fabrics and articles		...	...	...	1239		...	...	...	477		...	...
1810 Wearing apparel, except fur apparel		...	...	...	8354a/		...	...	...	3726a/		...	...
1820 Dressing & dyeing of fur; processing of fur		...	...	...	a/		...	...	...	...		...	...
191 Tanning, dressing and processing of leather		...	...	...	2114		...	...	...	767		...	...
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...		...	...
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...	...
1920 Footwear		...	...	...	5973		...	...	...	2907		...	...
2010 Sawmilling and planing of wood		...	...	...	1275		...	...	...	633		...	...
202 Products of wood, cork, straw, etc.		...	...	...	2492		...	...	...	1219		...	...
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...		...	...	...	...		...	...
2022 Builders' carpentry and joinery		...	...	...	...		...	...	...	...		...	...
2023 Wooden containers		...	...	...	...		...	...	...	...		...	...
2029 Other wood products; articles of cork/straw		...	...	...	...		...	...	...	...		...	...
210 Paper and paper products		...	...	...	12477		...	...	...	6180		...	...
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...	...
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...
221 Publishing		...	...	...	8137		...	...	...	5662		...	...
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...

continued

## Brazil

ISIC Revision 3 ISIC Industry	Output in factor values				Value added in factor values				Gross fixed capital formation			
	Note	(million REAIS)				Note	(million REAIS)				(million REAIS)	
		1993	1994	1995	1996		1993	1994	1995	1996	1995	1996
222 Printing and related service activities		...	...	...	1997	...	...	...	1245	...	...	
2221 Printing		...	...	...	...	...	...	...	...	...	...	
2222 Service activities related to printing		...	...	...	...	...	...	...	...	...	...	
2230 Reproduction of recorded media		...	...	...	629	...	...	...	421	...	...	
2310 Coke oven products		...	...	...	10	...	...	...	2	...	...	
2320 Refined petroleum products		...	...	...	12391	...	...	...	7145	...	...	
2330 Processing of nuclear fuel		...	...	...	...b/	...	...	...	...b/	...	...	
241 Basic chemicals		...	...	...	17193	...	...	...	6910	...	...	
2411 Basic chemicals, except fertilizers		...	...	...	...	...	...	...	...	...	...	
2412 Fertilizers and nitrogen compounds		...	...	...	...	...	...	...	...	...	...	
2413 Plastics in primary forms; synthetic rubber		...	...	...	...	...	...	...	...	...	...	
242 Other chemicals		...	...	...	22954	...	...	...	12191	...	...	
2421 Pesticides and other agro-chemical products		...	...	...	...	...	...	...	...	...	...	
2422 Paints, varnishes, printing ink and mastics		...	...	...	...	...	...	...	...	...	...	
2423 Pharmaceuticals, medicinal chemicals, etc.		...	...	...	...	...	...	...	...	...	...	
2424 Soap, cleaning & cosmetic preparations		...	...	...	...	...	...	...	...	...	...	
2429 Other chemical products n.e.c.		...	...	...	...	...	...	...	...	...	...	
2430 Man-made fibres		...	...	...	582	...	...	...	226	...	...	
251 Rubber products		...	...	...	4025	...	...	...	2114	...	...	
2511 Rubber tyres and tubes		...	...	...	...	...	...	...	...	...	...	
2519 Other rubber products		...	...	...	...	...	...	...	...	...	...	
2520 Plastic products		...	...	...	8896	...	...	...	4330	...	...	
2610 Glass and glass products		...	...	...	1895	...	...	...	1041	...	...	
269 Non-metallic mineral products n.e.c.		...	...	...	8561	...	...	...	4327	...	...	
2691 Pottery, china and earthenware		...	...	...	...	...	...	...	...	...	...	
2692 Refractory ceramic products		...	...	...	...	...	...	...	...	...	...	
2693 Struct.non-refractory clay; ceramic products		...	...	...	...	...	...	...	...	...	...	
2694 Cement, lime and plaster		...	...	...	...	...	...	...	...	...	...	
2695 Articles of concrete, cement and plaster		...	...	...	...	...	...	...	...	...	...	
2696 Cutting, shaping & finishing of stone		...	...	...	...	...	...	...	...	...	...	
2699 Other non-metallic mineral products n.e.c.		...	...	...	...	...	...	...	...	...	...	
2710 Basic iron and steel		...	...	...	14020	...	...	...	6193	...	...	
2720 Basic precious and non-ferrous metals		...	...	...	5150	...	...	...	1933	...	...	
273 Casting of metals		...	...	...	1288	...	...	...	593	...	...	
2731 Casting of iron and steel		...	...	...	...	...	...	...	...	...	...	
2732 Casting of non-ferrous metals		...	...	...	...	...	...	...	...	...	...	
281 Struct.metal products;tanks;steam generators		...	...	...	2440	...	...	...	1244	...	...	
2811 Structural metal products		...	...	...	...	...	...	...	...	...	...	
2812 Tanks, reservoirs and containers of metal		...	...	...	...	...	...	...	...	...	...	
2813 Steam generators		...	...	...	...	...	...	...	...	...	...	
289 Other metal products; metal working services		...	...	...	9547	...	...	...	5122	...	...	
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	...	...	...	...	...	...	...	
2892 Treatment & coating of metals		...	...	...	...	...	...	...	...	...	...	
2893 Cutlery, hand tools and general hardware		...	...	...	...	...	...	...	...	...	...	
2899 Other fabricated metal products n.e.c.		...	...	...	...	...	...	...	...	...	...	
291 General purpose machinery		...	...	...	8315	...	...	...	4501	...	...	
2911 Engines & turbines(not for transport equip.)		...	...	...	...	...	...	...	...	...	...	
2912 Pumps, compressors, taps and valves		...	...	...	...	...	...	...	...	...	...	
2913 Bearings, gears, gearing & driving elements		...	...	...	...	...	...	...	...	...	...	
2914 Ovens, furnaces and furnace burners		...	...	...	...	...	...	...	...	...	...	
2915 Lifting and handling equipment		...	...	...	...	...	...	...	...	...	...	
2919 Other general purpose machinery		...	...	...	...	...	...	...	...	...	...	

292	Special purpose machinery	...	...	...	7288	...	...	...	3826	...	...
2921	Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...	...
2922	Machine tools	...	...	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	...	...	...	5305	...	...	...	2601	...	...
3000	Office, accounting and computing machinery	...	...	...	2114	...	...	...	900	...	...
3110	Electric motors, generators and transformers	...	...	...	1518	...	...	...	743	...	...
3120	Electricity distribution & control apparatus	...	...	...	1310	...	...	...	691	...	...
3130	Insulated wire and cable	...	...	...	1491	...	...	...	626	...	...
3140	Accumulators, primary cells and batteries	...	...	...	730	...	...	...	389	...	...
3150	Lighting equipment and electric lamps	...	...	...	739	...	...	...	425	...	...
3190	Other electrical equipment n.e.c.	...	...	...	2769	...	...	...	1459	...	...
3210	Electronic valves, tubes, etc.	...	...	...	1382	...	...	...	726	...	...
3220	TV/radio transmitters; line comm. apparatus	...	...	...	4350	...	...	...	2437	...	...
3230	TV and radio receivers and associated goods	...	...	...	6489	...	...	...	2472	...	...
331	Medical, measuring, testing appliances, etc.	...	...	...	1597	...	...	...	1008	...	...
3311	Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...	...
3312	Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...	...
3313	Industrial process control equipment	...	...	...	...	...	...	...	...	...	...
3320	Optical instruments & photographic equipment	...	...	...	269	...	...	...	150	...	...
3330	Watches and clocks	...	...	...	364	...	...	...	201	...	...
3410	Motor vehicles	...	...	...	21633	...	...	...	7379	...	...
3420	Automobile bodies, trailers & semi-trailers	...	...	...	1510	...	...	...	644	...	...
3430	Parts/accessories for automobiles	...	...	...	8614	...	...	...	4399	...	...
351	Building and repairing of ships and boats	...	...	...	520	...	...	...	289	...	...
3511	Building and repairing of ships	...	...	...	...	...	...	...	...	...	...
3512	Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...	...
3520	Railway/tramway locomotives & rolling stock	...	...	...	168	...	...	...	106	...	...
3530	Aircraft and spacecraft	...	...	...	597	...	...	...	317	...	...
359	Transport equipment n.e.c.	...	...	...	1612	...	...	...	615	...	...
3591	Motorcycles	...	...	...	...	...	...	...	...	...	...
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...
3610	Furniture	...	...	...	5101	...	...	...	2139	...	...
369	Manufacturing n.e.c.	...	...	...	2594	...	...	...	1552	...	...
3691	Jewellery and related articles	...	...	...	...	...	...	...	...	...	...
3692	Musical instruments	...	...	...	...	...	...	...	...	...	...
3693	Sports goods	...	...	...	...	...	...	...	...	...	...
3694	Games and toys	...	...	...	...	...	...	...	...	...	...
3699	Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...
3710	Recycling of metal waste and scrap	...	...	...	35	...	...	...	15	...	...
3720	Recycling of non-metal waste and scrap	...	...	...	51	...	...	...	24	...	...
D	Total manufacturing	...	...	...	329401	...	...	...	154308	...	...

a/ 1810 includes 1820.

b/ Data suppressed due to confidentiality rules.

## Brazil

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15 Food and beverages		...	...	...	...	...	...	...	...	...	...	...	...
16 Tobacco products		95	96	101	100	107	126	132	112	107	120	147	113
17 Textiles		118	111	111	100	103	98	98	101	96	90	84	78
18 Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...	...
19 Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...	...
21 Paper and paper products		103	101	107	100	107	105	110	113	113	117	120	120
22 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
23 Coke, refined petroleum products, nuclear fuel	a/	112	109	109	100	92	92	96	102	102	107	112	117
24 Chemicals and chemical products	a/	...	...	...	...	...	...	...	...	...	...	...	...
25 Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26 Non-metallic mineral products		113	108	112	100	101	93	97	100	105	111	119	119
27 Basic metals	b/	113	109	114	100	94	94	101	111	109	111	118	113
28 Fabricated metal products	b/	...	...	...	...	...	...	...	...	...	...	...	...
29 Machinery and equipment n.e.c.		125	115	120	100	90	81	95	115	110	96	103	99
30 Office, accounting and computing machinery	c/	105	100	106	100	93	82	93	111	127	133	131	118
31 Electrical machinery and apparatus	c/	...	...	...	...	...	...	...	...	...	...	...	...
32 Radio, television and communication equipment	c/	...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers	d/	112	122	119	100	100	98	118	134	139	139	153	132
35 Other transport equipment	d/	...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture, manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37 Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		111	107	110	100	98	94	101	109	111	112	116	113

a/ 23 includes 24.

b/ 27 includes 28.

c/ 30 includes 31 and 32.

d/ 34 includes 35.

## BULGARIA

<p><b>Supplier of information:</b> Central Statistical Office of the Council of Ministers, Sofia.</p> <p><b>Basic source of data:</b> Statistical reports collected regularly by the above office.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> The index numbers of industrial production cover, in principle, all industrial establishments.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> Figures for <u>wages and salaries</u> were computed by UNIDO from reported wages and salaries per employee. <u>Output</u> refers to gross output. <u>Value added</u> is gross value added in basic prices. <u>Gross fixed capital formation</u> refers to the net increase in fixed assets other than land during the reference year. Valuation is at full original cost.</p> <p><b>Related national publications:</b></p>
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## Bulgaria

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million LEVA)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		717	786	841	947		...	34897	32408	31400		...	4774	39896	50395
1511 Processing/preserving of meat		...	...	...	...		...	...	...	...		...	...	...	...
1512 Processing/preserving of fish		...	...	...	...		...	...	...	...		...	...	...	...
1513 Processing/preserving of fruit & vegetables		...	...	...	...		...	...	...	...		...	...	...	...
1514 Vegetable and animal oils and fats		...	...	...	...		...	...	...	...		...	...	...	...
1520 Dairy products		465	481	498	504		...	7760	7601	7800		...	1147	9739	13989
153 Grain mill products; starches; animal feeds		409	397	404	485		...	10438	9903	9900		...	2018	18306	23247
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...	...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...	...	...
1533 Prepared animal feeds		...	...	...	...		...	...	...	...		...	...	...	...
154 Other food products		3530	3330	3356	3432		...	30089	30088	30000		...	4344	42226	56761
1541 Bakery products		...	...	...	...		...	...	...	...		...	...	...	...
1542 Sugar		...	...	...	...		...	...	...	...		...	...	...	...
1543 Cocoa, chocolate and sugar confectionery		...	...	...	...		...	...	...	...		...	...	...	...
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...	...	...
1549 Other food products n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
155 Beverages		2010	1716	1529	1452		...	21537	19021	19500		...	4626	32546	48947
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...	...	...
1552 Wines		...	...	...	...		...	...	...	...		...	...	...	...
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...	...	...
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...	...	...	...
1600 Tobacco products		27	32	26	30		...	13710	13642	15800		...	4601	49572	67645
171 Spinning, weaving and finishing of textiles		204	195	195	190		...	33537	33676	28300		...	5163	54352	51087
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...		...	...	...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...	...	...
172 Other textiles		288	184	185	195		...	5887	5338	5600		...	800	7320	9833
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...	...	...	...
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	...	...
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...	...	...
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
1730 Knitted and crocheted fabrics and articles		269	206	226	228		...	6315	6599	6600		...	925	8618	10861
1810 Wearing apparel, except fur apparel		2775	2269	2509	3193		...	81128	83456	93300		...	8945	86370	128467
1820 Dressing & dyeing of fur; processing of fur		62	57	69	60		...	1188	1293	1000		...	148	1229	1254
191 Tanning, dressing and processing of leather		156	145	155	133		...	4529	4366	3600		...	601	5602	5864
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...		...	...	...	...
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...	...	...	...
1920 Footwear		173	173	222	254		...	20549	22964	18900		...	2464	24633	26715
2010 Sawmilling and planing of wood		908	646	639	904		...	3795	3945	5500		...	378	3546	6103
202 Products of wood, cork, straw, etc.		1309	962	1052	1104		...	13587	12960	9400		...	1705	13999	15809
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...		...	...	...	...		...	...	...	...
2022 Builders' carpentry and joinery		...	...	...	...		...	...	...	...		...	...	...	...
2023 Wooden containers		...	...	...	...		...	...	...	...		...	...	...	...
2029 Other wood products; articles of cork/straw		...	...	...	...		...	...	...	...		...	...	...	...
210 Paper and paper products		199	221	217	258		...	16394	14918	14900		...	2829	23333	32216
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
221 Publishing		545	706	661	658		...	4895	4328	4300		...	616	4218	8015
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...	...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...	...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...	...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...	...	...



222	Printing and related service activities	498	542	582	594	...	7154	7238	6700	...	1481	11781	17363
2221	Printing	...	...	...	...	...	...	...	...	...	...	...	...
2222	Service activities related to printing	...	...	...	...	...	...	...	...	...	...	...	...
2230	Reproduction of recorded media	56	23	22	24	...	138	109	600	...	20	152	418
2310	Coke oven products	1	1	1	1	...	64	60	400	...	8	72	648
2320	Refined petroleum products	11	6	8	10	...	11710	13072	12800	...	5974	57831	79748
2330	Processing of nuclear fuel	-	-	-	...	...	-	-	...	...	...	...	...
241	Basic chemicals	97	58	91	94	...	16652	16503	15500	...	7204	68969	65827
2411	Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...	...	...	...	...
2412	Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...	...	...	...
242	Other chemicals	369	391	424	435	...	22732	23965	24200	...	5047	50251	70054
2421	Pesticides and other agro-chemical products	...	...	...	...	...	...	...	...	...	...	...	...
2422	Paints, varnishes, printing ink and mastics	...	...	...	...	...	...	...	...	...	...	...	...
2423	Pharmaceuticals, medicinal chemicals, etc.	...	...	...	...	...	...	...	...	...	...	...	...
2424	Soap, cleaning & cosmetic preparations	...	...	...	...	...	...	...	...	...	...	...	...
2429	Other chemical products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
2430	Man-made fibres	4	4	3	3	...	6129	5995	5700	...	1247	12368	13369
251	Rubber products	389	404	340	344	...	10875	10754	9500	...	1679	17414	20017
2511	Rubber tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...
2519	Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
2520	Plastic products	930	934	976	888	...	12413	13696	12000	...	2340	23101	26581
2610	Glass and glass products	110	68	61	56	...	13979	13483	11300	...	2891	25202	29747
269	Non-metallic mineral products n.e.c.	641	666	727	725	...	26851	24482	22900	...	5300	42628	57043
2691	Pottery, china and earthenware	...	...	...	...	...	...	...	...	...	...	...	...
2692	Refractory ceramic products	...	...	...	...	...	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...	...	...	...	...
2694	Cement, lime and plaster	...	...	...	...	...	...	...	...	...	...	...	...
2695	Articles of concrete, cement and plaster	...	...	...	...	...	...	...	...	...	...	...	...
2696	Cutting, shaping & finishing of stone	...	...	...	...	...	...	...	...	...	...	...	...
2699	Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
2710	Basic iron and steel	19	22	25	25	...	28102	27936	26500	...	8511	100782	114129
2720	Basic precious and non-ferrous metals	28	30	28	35	...	11075	10872	9800	...	3576	38008	42295
273	Casting of metals	138	122	127	124	...	19630	19059	18100	...	3246	34612	38829
2731	Casting of iron and steel	...	...	...	...	...	...	...	...	...	...	...	...
2732	Casting of non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
281	Struct.metall products;tanks;steam generators	771	765	735	707	...	11252	10447	10800	...	1564	14194	23197
2811	Structural metal products	...	...	...	...	...	...	...	...	...	...	...	...
2812	Tanks, reservoirs and containers of metal	...	...	...	...	...	...	...	...	...	...	...	...
2813	Steam generators	...	...	...	...	...	...	...	...	...	...	...	...
289	Other metal products; metal working services	1767	1398	1361	1657	...	19128	17570	15000	...	2688	24554	29844
2891	Metal forging/pressing/stamping/roll-forming	...	...	...	...	...	...	...	...	...	...	...	...
2892	Treatment & coating of metals	...	...	...	...	...	...	...	...	...	...	...	...
2893	Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...	...	...
2899	Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
291	General purpose machinery	818	834	869	900	...	31473	29734	29700	...	5453	54495	72629
2911	Engines & turbines(not for transport equip.)	...	...	...	...	...	...	...	...	...	...	...	...
2912	Pumps, compressors, taps and valves	...	...	...	...	...	...	...	...	...	...	...	...
2913	Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...	...	...	...	...
2914	Ovens, furnaces and furnace burners	...	...	...	...	...	...	...	...	...	...	...	...
2915	Lifting and handling equipment	...	...	...	...	...	...	...	...	...	...	...	...
2919	Other general purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
292	Special purpose machinery	727	672	719	755	...	72413	69306	60700	...	12507	119453	143131
2921	Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...	...	...	...
2922	Machine tools	...	...	...	...	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	140	105	115	105	...	5707	4259	4500	...	762	5809	9014

continued

## Bulgaria

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million LEVA)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
ISIC Industry															
3000 Office, accounting and computing machinery		146	146	178	153		...	6169	5441	4800		...	1068	10369	10618
3110 Electric motors, generators and transformers		160	117	117	130		...	8168	7551	6900		...	1390	13825	14656
3120 Electricity distribution & control apparatus		147	132	140	157		...	7099	6227	6000		...	1048	8659	11073
3130 Insulated wire and cable		24	15	13	12		...	3070	2746	2600		...	1126	8315	8952
3140 Accumulators, primary cells and batteries		28	23	26	18		...	2993	3001	2800		...	658	7481	9300
3150 Lighting equipment and electric lamps		74	79	69	87		...	2381	2221	2200		...	389	2735	3491
3190 Other electrical equipment n.e.c.		228	229	233	200		...	3900	3773	3400		...	740	5646	6098
3210 Electronic valves, tubes, etc.		122	107	106	113		...	3778	3357	3300		...	521	4552	6319
3220 TV/radio transmitters; line comm. apparatus		126	120	117	118		...	4238	3117	3000		...	441	4059	6986
3230 TV and radio receivers and associated goods		63	63	60	54		...	2078	1888	1100		...	179	1610	1429
331 Medical, measuring, testing appliances, etc.		409	362	428	453		...	6587	6244	6400		...	957	8568	12394
3311 Medical, surgical and orthopaedic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3313 Industrial process control equipment		...	...	...	...		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		53	43	42	40		...	2670	2114	1200		...	424	3184	2590
3330 Watches and clocks		16	6	5	10		...	124	105	...		...	11	86	...
3410 Motor vehicles		78	9	9	9		...	3131	2716	2500		...	479	3351	4524
3420 Automobile bodies, trailers & semi-trailers		23	17	17	17		...	1202	974	1000		...	154	1458	1964
3430 Parts/accessories for automobiles		93	82	85	94		...	2535	2593	2500		...	396	4269	5549
351 Building and repairing of ships and boats		360	396	382	351		...	12241	11490	10600		...	3409	33393	40412
3511 Building and repairing of ships		...	...	...	...		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		...	...	...	...		...	...	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		14	12	15	18		...	5793	5573	4900		...	1089	9865	12632
3530 Aircraft and spacecraft		2	1	3	2		...	128	165	100		...	20	164	170
359 Transport equipment n.e.c.		23	12	14	19		...	191	180	200		...	26	173	264
3591 Motorcycles		...	...	...	...		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		...	...	...	...		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3610 Furniture		1133	910	988	1212		...	17617	17512	16200		...	2137	17833	22885
369 Manufacturing n.e.c.		1213	969	913	879		...	6779	6157	5400		...	928	7891	10191
3691 Jewellery and related articles		...	...	...	...		...	...	...	...		...	...	...	...
3692 Musical instruments		...	...	...	...		...	...	...	...		...	...	...	...
3693 Sports goods		...	...	...	...		...	...	...	...		...	...	...	...
3694 Games and toys		...	...	...	...		...	...	...	...		...	...	...	...
3699 Other manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3710 Recycling of metal waste and scrap		...	13	14	13		...	...	...	...		...	...	...	...
3720 Recycling of non-metal waste and scrap		...	13	12	12		...	...	100	100		...	...	198	211
D Total manufacturing		26095	23427	23984	25680		...	740633	720285	689700		...	135182	1284824	1611326

## Bulgaria

ISIC Revision 3	Output				Value added				Gross fixed capital formation					
	ISIC Industry	Note	(million LEVA)				Note	(million LEVA)				Note	(million LEVA)	
			1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
151 Processed meat, fish, fruit, vegetables, fats		31151	62461	569979	745285		...	73209a/	579352a/	734212a/		241578	87925	
1511 Processing/preserving of meat		...	...	...	...		...	...	...	...		...	...	
1512 Processing/preserving of fish		...	...	...	...		...	...	...	...		...	...	
1513 Processing/preserving of fruit & vegetables		...	...	...	...		...	...	...	...		...	...	
1514 Vegetable and animal oils and fats		...	...	...	...		...	...	...	...		...	...	
1520 Dairy products		12759	20828	201270	281357		...	...a/	...a/	...a/		70430	27230	
153 Grain mill products; starches; animal feeds		22414	49532	389018	340190		...	...a/	...a/	...a/		87228	38355	
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...	
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...	
1533 Prepared animal feeds		...	...	...	...		...	...	...	...		...	...	
154 Other food products		22714	57684	520990	635865		...	...a/	...a/	...a/		122162	63859	
1541 Bakery products		...	...	...	...		...	...	...	...		...	...	
1542 Sugar		...	...	...	...		...	...	...	...		...	...	
1543 Cocoa, chocolate and sugar confectionery		...	...	...	...		...	...	...	...		...	...	
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...	
1549 Other food products n.e.c.		...	...	...	...		...	...	...	...		...	...	
155 Beverages		32233	76542	636097	781861		...	...a/	...a/	...a/		205134	104540	
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...	
1552 Wines		...	...	...	...		...	...	...	...		...	...	
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...	
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...	...	
1600 Tobacco products		28384	65104	517058	646466		...	...a/	...a/	...a/		168889	50738	
171 Spinning, weaving and finishing of textiles		18996	44451	418058	354939		...	14037b/	149995b/	165801b/		228310	42110	
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...		...	...	
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...	
172 Other textiles		2918	5455	47124	57408		...	...b/	...b/	...b/		24092	6596	
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...	...	
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...	
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...	...	
1730 Knitted and crocheted fabrics and articles		2276	5815	54196	60766		...	...b/	...b/	...b/		27384	11519	
1810 Wearing apparel, except fur apparel		16405	36959	356361	475599		...	16795	166168	237388		143973	77679	
1820 Dressing & dyeing of fur; processing of fur		656	1282	16583	9306		...	6275c/	59134c/	65781c/		6942	1464	
191 Tanning, dressing and processing of leather		2751	5218	40775	45642		...	...c/	...c/	...c/		142226	3448	
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...		...	...	
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...	...	
1920 Footwear		7120	16719	143400	126996		...	...c/	...c/	...c/		35485	13195	
2010 Sawmilling and planing of wood		2150	3185	38004	69105		...	4212d/	30717d/	42716d/		14933	7557	
202 Products of wood, cork, straw, etc.		6897	14190	127944	123627		...	...d/	...d/	...d/		39645	15008	
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...		...	...	...	...		...	...	
2022 Builders' carpentry and joinery		...	...	...	...		...	...	...	...		...	...	
2023 Wooden containers		...	...	...	...		...	...	...	...		...	...	
2029 Other wood products; articles of cork/straw		...	...	...	...		...	...	...	...		...	...	
210 Paper and paper products		17099	29220	257990	269961		...	13586e/	87337e/	134856e/		135312	39551	
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...	...	
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...	
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...	
221 Publishing		9108	9870	72555	122023		...	...e/	...e/	...e/		13788	9422	
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...	
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...	
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...	
2219 Other publishing		...	...	...	...		...	...	...	...		...	...	

continued

## Bulgaria

ISIC Revision 3 ISIC Industry	Note	Output (million LEVA)				Note	Value added (million LEVA)				Note	Gross fixed capital formation (million LEVA)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
		222 Printing and related service activities	9113	18390	149462		152041	...	...e/	...e/		...e/	58942
2221 Printing	...	...	...	...	...	...	...	...	...	...			
2222 Service activities related to printing	...	...	...	...	...	...	...	...	...	...			
2230 Reproduction of recorded media	233	181	766	586	...	...e/	...e/	...e/	505	314			
2310 Coke oven products	14	29	291	206	...	42075f/	231743f/	367227f/	-	-4			
2320 Refined petroleum products	92648	271273	2076521	1466269	...	...f/	...f/	...f/	558149	143707			
2330 Processing of nuclear fuel	-	-	-	...	...	...f/	...f/	...f/	-	...			
241 Basic chemicals	37574	107249	858486	585935	...	29912g/	377288g/	314905g/	446863	150703			
2411 Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...	...	...			
2412 Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...	...	...			
2413 Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...	...			
242 Other chemicals	27547	64537	647116	691432	...	...g/	...g/	...g/	222001	77030			
2421 Pesticides and other agro-chemical products	...	...	...	...	...	...	...	...	...	...			
2422 Paints, varnishes, printing ink and mastics	...	...	...	...	...	...	...	...	...	...			
2423 Pharmaceuticals, medicinal chemicals, etc.	...	...	...	...	...	...	...	...	...	...			
2424 Soap, cleaning & cosmetic preparations	...	...	...	...	...	...	...	...	...	...			
2429 Other chemical products n.e.c.	...	...	...	...	...	...	...	...	...	...			
2430 Man-made fibres	6439	12778	127982	110902	...	...g/	...g/	...g/	50960	19369			
251 Rubber products	7605	18187	141388	127794	...	7415h/	76792h/	93107h/	116830	31205			
2511 Rubber tyres and tubes	...	...	...	...	...	...	...	...	...	...			
2519 Other rubber products	...	...	...	...	...	...	...	...	...	...			
2520 Plastic products	11994	24274	221319	224740	...	...h/	...h/	...h/	105635	27568			
2610 Glass and glass products	8817	20151	195901	185119	...	18461i/	114063i/	183526i/	82598	17893			
269 Non-metallic mineral products n.e.c.	18820	44413	410949	472887	...	...i/	...i/	...i/	183628	132770			
2691 Pottery, china and earthenware	...	...	...	...	...	...	...	...	...	...			
2692 Refractory ceramic products	...	...	...	...	...	...	...	...	...	...			
2693 Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...	...	...			
2694 Cement, lime and plaster	...	...	...	...	...	...	...	...	...	...			
2695 Articles of concrete, cement and plaster	...	...	...	...	...	...	...	...	...	...			
2696 Cutting, shaping & finishing of stone	...	...	...	...	...	...	...	...	...	...			
2699 Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...	...			
2710 Basic iron and steel	51570	109973	1169082	999270	...	30446j/	263661j/	235506j/	384868	195179			
2720 Basic precious and non-ferrous metals	26673	62382	642357	528824	...	...j/	...j/	...j/	189278	29783			
273 Casting of metals	2820	14403	173995	155319	...	48279k/	479425k/	656330k/	168911	28850			
2731 Casting of iron and steel	...	...	...	...	...	...	...	...	...	...			
2732 Casting of non-ferrous metals	...	...	...	...	...	...	...	...	...	...			
281 Struct.metall products;tanks;steam generators	10605	9825	90955	138973	...	...k/	...k/	...k/	38611	13381			
2811 Structural metal products	...	...	...	...	...	...	...	...	...	...			
2812 Tanks, reservoirs and containers of metal	...	...	...	...	...	...	...	...	...	...			
2813 Steam generators	...	...	...	...	...	...	...	...	...	...			
289 Other metal products; metal working services	13087	24872	251625	251347	...	...k/	...k/	...k/	89248	30170			
2891 Metal forging/pressing/stamping/roll-forming	...	...	...	...	...	...	...	...	...	...			
2892 Treatment & coating of metals	...	...	...	...	...	...	...	...	...	...			
2893 Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...			
2899 Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...	...	...			
291 General purpose machinery	14471	30803	289261	369339	...	...k/	...k/	...k/	196658	63034			
2911 Engines & turbines(not for transport equip.)	...	...	...	...	...	...	...	...	...	...			
2912 Pumps, compressors, taps and valves	...	...	...	...	...	...	...	...	...	...			
2913 Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...	...	...			
2914 Ovens, furnaces and furnace burners	...	...	...	...	...	...	...	...	...	...			
2915 Lifting and handling equipment	...	...	...	...	...	...	...	...	...	...			
2919 Other general purpose machinery	...	...	...	...	...	...	...	...	...	...			

292 Special purpose machinery	23174	63026	623629	665 109	...	...k/	...k/	...k/	485892	83475
2921 Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...	...
2922 Machine tools	...	...	...	...	...	...	...	...	...	...
2923 Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...
2924 Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...
2925 Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...
2926 Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...
2927 Weapons and ammunition	...	...	...	...	...	...	...	...	...	...
2929 Other special purpose machinery	...	...	...	...	...	...	...	...	...	...
2930 Domestic appliances n.e.c.	2762	5301	30755	53577	...	...k/	...k/	...k/	20555	18710
3000 Office, accounting and computing machinery	3763	7656	81322	79498	...	17174m/	126892m/	188983m/	44944	2570
3110 Electric motors, generators and transformers	3783	10291	89248	87901	...	...m/	...m/	...m/	59287	6980
3120 Electricity distribution & control apparatus	2973	4879	42742	60110	...	...m/	...m/	...m/	23512	8526
3130 Insulated wire and cable	5699	11514	82471	90021	...	...m/	...m/	...m/	27758	8395
3140 Accumulators, primary cells and batteries	2887	7237	66199	61246	...	...m/	...m/	...m/	25970	5554
3150 Lighting equipment and electric lamps	1023	2166	21391	29036	...	...m/	...m/	...m/	8297	1817
3190 Other electrical equipment n.e.c.	1920	5119	41196	37422	...	...m/	...m/	...m/	30250	7460
3210 Electronic valves, tubes, etc.	1057	2294	22457	26697	...	...m/	...m/	...m/	25824	16696
3220 TV/radio transmitters; line comm. apparatus	1690	2146	14166	28925	...	...m/	...m/	...m/	13738	3650
3230 TV and radio receivers and associated goods	520	945	7199	7950	...	...m/	...m/	...m/	8533	1992
331 Medical, measuring, testing appliances, etc.	2165	4049	40244	58687	...	...m/	...m/	...m/	28433	8113
3311 Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...	...
3313 Industrial process control equipment	...	...	...	...	...	...	...	...	...	...
3320 Optical instruments & photographic equipment	780	2076	15430	19728	...	...m/	...m/	...m/	15430	1010
3330 Watches and clocks	32	33	318	106	...	...m/	...m/	...m/	457	9
3410 Motor vehicles	1803	4287	16241	14044	...	18481n/	75898n/	187724n/	38583	8031
3420 Automobile bodies, trailers & semi-trailers	600	692	6868	7697	...	...n/	...n/	...n/	4971	486
3430 Parts/accessories for automobiles	1174	4021	37899	44617	...	...n/	...n/	...n/	13447	6097
351 Building and repairing of ships and boats	10375	26689	212971	277236	...	...n/	...n/	...n/	71241	23745
3511 Building and repairing of ships	...	...	...	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	1983	3536	36610	45253	...	...n/	...n/	...n/	64	562
3530 Aircraft and spacecraft	20	63	376	200	...	...n/	...n/	...n/	1052	8
359 Transport equipment n.e.c.	228	138	2099	2012	...	...n/	...n/	...n/	233	295
3591 Motorcycles	...	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...
3610 Furniture	7428	14512	113284	142759	...	5470p/	39148p/	56199p/	61503	19471
369 Manufacturing n.e.c.	3077	6363	48288	51657	...	...p/	...p/	...p/	24105	6182
3691 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...
3692 Musical instruments	...	...	...	...	...	...	...	...	...	...
3693 Sports goods	...	...	...	...	...	...	...	...	...	...
3694 Games and toys	...	...	...	...	...	...	...	...	...	...
3699 Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...
3710 Recycling of metal waste and scrap	...	14	805	1565	...	...p/	...p/	...p/	70	80
3720 Recycling of non-metal waste and scrap	...	117	1572	920	...	...p/	...p/	...p/	137	80
D Total manufacturing	656977	1527399	13510638	13501352	...	345827	2857613	3664261	5635582	1823932

a/ 151 includes 1520, 153, 154, 155 and 1600.

b/ 171 includes 172 and 1730.

c/ 1820 includes 191 and 1920.

d/ 2010 includes 202.

e/ 210 includes 221, 222 and 2230.

f/ 2310 includes 2320 and 2330.

g/ 241 includes 242 and 2430.

h/ 251 includes 2520.

i/ 2610 includes 269.

j/ 2710 includes 2720.

k/ 273 includes 281, 289, 291, 292 and 2930.

m/ 3000 includes 3110, 3120, 3130, 3140, 3150, 3190, 3210, 3220, 3230, 331, 3320 and 3330.

n/ 3410 includes 3420, 3430, 351, 3520, 3530 and 359.

p/ 3610 includes 369, 3710 and 3720.

Bulgaria

ISIC Revision 3		Index numbers of industrial production											
		Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
ISIC Industry													
15	Food and beverages		...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products		...	...	...	...	...	...	...	...	...	...	...
17	Textiles		...	...	...	...	...	...	...	...	...	...	...
18	Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products		...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing		...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...
27	Basic metals		...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment		...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...
37	Recycling		...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		...	...	...	...	...	...	...	...	...	...	...

## BURKINA FASO

<p><b>Supplier of information:</b> Direction générale de l'institut national de la statistique et de la démographie, Ministère de l'économie et des finances, Ouagadougou.</p> <p><b>Basic source of data:</b> Industrial Census.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Not reported.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b></p>
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## Burkina Faso

ISIC Revision 2	Number of establishments				Number of persons engaged				Wages and salaries paid to employees							
	ISIC Industry	Note	(numbers)				Note	(numbers)				Note	(million CFA FRANCS)			
			1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		43	50	57	62		...	...	...	4018		...	...	...	...	
3111 Slaughtering, preparing & preserving meat		4	4	4	4		...	...	...	197		...	...	...	...	
3112 Dairy products		2	3	3	3		...	...	...	1923		...	...	...	...	
3113 Canning, preserving of fruits & vegetables		2	2	2	2		...	...	...	65		...	...	...	...	
3114 Canning, preserving and processing of fish		1	1	1	1		...	...	...	71		...	...	...	...	
3115 Vegetable and animal oils and fats		3	3	4	4		...	...	...	550		...	...	...	...	
3116 Grain mill products		2	3	3	3		...	...	...	6		...	...	...	...	
3117 Bakery products		21	25	27	31		...	...	...	537		...	...	...	...	
3118 Sugar factories and refineries		1	1	1	1		...	...	...	347		...	...	...	...	
3119 Cocoa, chocolate and sugar confectionery		3	3	5	5		...	...	...	111		...	...	...	...	
3121 Other food products		4	5	6	7		...	...	...	206		...	...	...	...	
3122 Prepared animal feeds		-	-	1	1		...	...	...	5		...	...	...	...	
313 Beverages		1	1	1	1		...	...	...	10		...	...	...	...	
3131 Distilling, rectifying and blending spirits		...	...	...	...		...	...	...	...		...	...	...	...	
3132 Wine industries		1	1	1	1		...	...	...	10		...	...	...	...	
3133 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...	...	...	
3134 Soft drinks and carbonated waters		...	...	...	...		...	...	...	...		...	...	...	...	
314 Tobacco		1	1	1	1		...	...	...	195		...	...	...	...	
321 Textiles		18	20	20	20		...	...	...	606		...	...	...	...	
3211 Spinning, weaving and finishing textiles		3	3	3	3		...	...	...	497		...	...	...	...	
3212 Made-up textile goods excl. wearing apparel		14	15	15	15		...	...	...	105		...	...	...	...	
3213 Knitting mills		...	...	...	...		...	...	...	...		...	...	...	...	
3214 Carpets and rugs		-	1	1	1		...	...	...	...		...	...	...	...	
3215 Cordage, rope and twine		...	...	...	...		...	...	...	...		...	...	...	...	
3219 Other textiles		1	1	1	1		...	...	...	4		...	...	...	...	
322 Wearing apparel, except footwear		14	14	15	16		...	...	...	137		...	...	...	...	
323 Leather and fur products		1	1	1	1		...	...	...	178		...	...	...	...	
3231 Tanneries and leather finishing		1	1	1	...		...	...	...	...		...	...	...	...	
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...	...	...	
3233 Leather prods. excl. wearing apparel		1	1	1	1		...	...	...	178		...	...	...	...	
324 Footwear, except rubber or plastic		...	...	...	...		...	...	...	...		...	...	...	...	
331 Wood products, except furniture		3	3	3	3		...	...	...	3662		...	...	...	...	
3311 Sawmills, planing and other wood mills		2	2	2	2		...	...	...	173		...	...	...	...	
3312 Wooden and cane containers		...	...	...	...		...	...	...	...		...	...	...	...	
3319 Other wood and cork products		1	1	1	1		...	...	...	3489		...	...	...	...	
332 Furniture and fixtures, excl. metal		17	19	21	24		...	...	...	191		...	...	...	...	
341 Paper and products		2	2	2	2		...	...	...	42		...	...	...	...	
3411 Pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...	...	...	
3412 Containers of paper and paperboard		1	1	1	1		...	...	...	26		...	...	...	...	
3419 Other pulp, paper and paperboard articles		1	1	1	1		...	...	...	16		...	...	...	...	
342 Printing and publishing		27	35	38	40		...	...	...	28		...	...	...	...	
351 Industrial chemicals		4	4	6	6		...	...	...	504		...	...	...	...	
3511 Basic chemicals excl. fertilizers		1	1	1	1		...	...	...	442		...	...	...	...	
3512 Fertilizers and pesticides		-	-	1	1		...	...	...	30		...	...	...	...	
3513 Synthetic resins and plastic materials		3	3	4	4		...	...	...	32		...	...	...	...	
352 Other chemicals		10	11	12	13		...	...	...	433		...	...	...	...	
3521 Paints, varnishes and lacquers		1	2	2	2		...	...	...	52		...	...	...	...	
3522 Drugs and medicines		2	2	2	2		...	...	...	172		...	...	...	...	
3523 Soap, cleaning preps., perfumes, cosmetics		4	4	4	5		...	...	...	150		...	...	...	...	
3529 Other chemical products		3	3	4	4		...	...	...	59		...	...	...	...	
353 Petroleum refineries		...	...	...	...		...	...	...	...		...	...	...	...	



354	Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...	...	...
355	Rubber products	2	2	2	2	...	...	...	...	...	...	...	147
3551	Tyres and tubes	1	1	1	1	...	...	...	...	...	...	...	16
3559	Other rubber products	1	1	1	1	...	...	...	...	...	...	...	131
356	Plastic products	2	2	2	2	...	...	...	...	...	...	...	5
361	Pottery, china, earthenware	...	...	...	...	...	...	...	...	...	...	...	...
362	Glass and products	...	...	...	...	...	...	...	...	...	...	...	...
369	Other non-metallic mineral products	7	7	7	7	...	...	...	...	...	...	...	273
3691	Structural clay products	1	1	1	1	...	...	...	...	...	...	...	...
3692	Cement, lime and plaster	2	2	2	2	...	...	...	...	...	...	...	205
3699	Other non-metallic mineral products	4	4	4	4	...	...	...	...	...	...	...	68
371	Iron and steel	-	1	1	1	...	...	...	...	...	...	...	260
372	Non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
381	Fabricated metal products	67	73	79	85	...	...	...	...	...	...	...	927
3811	Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...	...	...
3812	Furniture and fixtures primarily of metal	33	34	35	38	...	...	...	...	...	...	...	311
3813	Structural metal products	4	5	5	5	...	...	...	...	...	...	...	85
3819	Other fabricated metal products	30	34	39	42	...	...	...	...	...	...	...	531
382	Non-electrical machinery	4	5	5	5	...	...	...	...	...	...	...	108
3821	Engines and turbines	...	...	...	...	...	...	...	...	...	...	...	...
3822	Agricultural machinery and equipment	2	2	2	2	...	...	...	...	...	...	...	99
3823	Metal and wood working machinery	...	...	...	...	...	...	...	...	...	...	...	...
3824	Other special industrial machinery	-	1	1	1	...	...	...	...	...	...	...	...
3825	Office, computing and accounting machinery	...	...	...	...	...	...	...	...	...	...	...	...
3829	Other non-electrical machinery & equipment	2	2	2	2	...	...	...	...	...	...	...	9
383	Electrical machinery	...	...	...	...	...	...	...	...	...	...	...	...
3831	Electrical industrial machinery	...	...	...	...	...	...	...	...	...	...	...	...
3832	Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...	...	...
3833	Electrical appliances and housewares	...	...	...	...	...	...	...	...	...	...	...	...
3839	Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...	...	...	...
384	Transport equipment	1	1	1	1	...	...	...	...	...	...	...	227
3841	Shipbuilding and repairing	...	...	...	...	...	...	...	...	...	...	...	...
3842	Railroad equipment	...	...	...	...	...	...	...	...	...	...	...	...
3843	Motor vehicles	...	...	...	...	...	...	...	...	...	...	...	...
3844	Motorcycles and bicycles	1	1	1	1	...	...	...	...	...	...	...	227
3845	Aircraft	...	...	...	...	...	...	...	...	...	...	...	...
3849	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
385	Professional and scientific equipment	1	1	1	1	...	...	...	...	...	...	...	37
3851	Prof. and scientific equipment n.e.c.	1	1	1	1	...	...	...	...	...	...	...	37
3852	Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...	...
3853	Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...
390	Other manufacturing industries	10	10	10	11	...	...	...	...	...	...	...	77
3901	Jewellery and related articles	7	7	7	8	...	...	...	...	...	...	...	46
3902	Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...
3903	Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...
3909	Manufacturing industries, n.e.c.	3	3	3	3	...	...	...	...	...	...	...	31
3	Total manufacturing	235	263	285	304	...	...	...	...	...	...	...	12065

## CAMEROON

<p><b>Supplier of information:</b> Direction de la statistique et de la comptabilité nationale, Ministère de l'économie et des finances, Yaoundé.</p> <p><b>Basic source of data:</b> Annual industrial survey.</p> <p><b>Major deviations from ISIC (Revision 2):</b> Data collected under the national classification system have been reclassified by the national authorities to correspond with ISIC (Rev. 2). Lack of detail in national data, however, results in several cases where exact correspondence with the ISIC cannot be achieved. Manufacture of rubber footwear (part of ISIC 355) and plastic footwear (part of ISIC 356) are included in ISIC 324. Repair of bicycles and motorcycles (part of ISIC major division 9) is included in ISIC 384.</p> <p><b>Reference period (if not calendar year):</b> Fiscal year ending 30 June of the year indicated.</p> <p><b>Scope:</b> All industrial enterprises in the modern sector which keep accounting records.</p> <p><b>Method of enumeration:</b> Questionnaires are distributed by mail with follow-up site visits as required.</p> <p><b>Adjusted for non-response:</b> No.</p>	<p><b>Concepts and definitions of variables:</b> <u>Output</u> includes revenues from goods shipped in the same condition as received. It excludes the value of goods and capital assets produced by the enterprise for its own use. <u>Value added</u> is the value of all products and services rendered by the enterprise, including the value of fixed capital assets produced on own account and the net change in the value of work in progress less the costs of intermediate goods and services.</p> <p><b>Related national publications:</b> Résultats des recensements industriels et commerciaux (occasional), published by the Direction de la statistique et de la comptabilité nationale, Ministère de l'économie et des finances, Yaoundé.</p>
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## Cameroon

ISIC Revision 2 ISIC Industry	Number of enterprises				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million CFA FRANCS)			
		1995	1996a/	1997	1998		1995	1996	1997	1998		1995	1996a/	1997	1998
311/2 Food products		57	55	54	51		14903	15365	13791	9891		17136	18643	20442	18758
3111 Slaughtering, preparing & preserving meat		...	...	...	...		...	...	...	...		...	...	...	...
3112 Dairy products		1	2	3	3		112	145	161	141		131	215	209	202
3113 Canning, preserving of fruits & vegetables		1	-	...	...		28	-	...	...		26	-	...	...
3114 Canning, preserving and processing of fish		...	...	...	...		...	...	...	...		...	...	...	...
3115 Vegetable and animal oils and fats		6	6	6	6		7667	8109	7024	4720		6478	7527	7666	7428
3116 Grain mill products		9	13	12	11		821	948	916	853		1247	1127	1343	1454
3117 Bakery products		27	21	21	22		728	587	535	657		833	716	739	801
3118 Sugar factories and refineries		3	3	3	2		4670	4655	4256	2671		5310	5449	6433	4844
3119 Cocoa, chocolate and sugar confectionery		3	3	3	3		385	401	381	396		1802	1847	2093	2217
3121 Other food products		5	5	4	2		367	371	355	292		1054	1517	1707	1533
3122 Prepared animal feeds		2	2	2	2		125	149	163	161		255	245	252	279
313 Beverages		9	8	9	8		1548	1957	2416	2195		8356	7972	10614	11639
3131 Distilling, rectifying and blending spirits		1	1	1	1		...	...	76	76		131	168	309	362
3132 Wine industries		2	2	3	2		...	...	106	108		36	26	53	65
3133 Malt liquors and malt		3	3	3	3		...	...	2166	1942		7865	7529	10027	10958
3134 Soft drinks and carbonated waters		3	2	2	2		...	...	68	69		324	249	225	254
314 Tobacco		2	2	2	2		567	557	456	436		2408	2331	1232	1209
321 Textiles		7	4	5	5		3064	3046	3280	3331		8291	8325	10254	10430
3211 Spinning, weaving and finishing textiles		...	...	...	...		...	...	...	...		...	...	...	...
3212 Made-up textile goods excl. wearing apparel		...	...	...	...		...	...	...	...		...	...	...	...
3213 Knitting mills		...	...	...	...		...	...	...	...		...	...	...	...
3214 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	...	...
3215 Cordage, rope and twine		...	...	...	...		...	...	...	...		...	...	...	...
3219 Other textiles		...	...	...	...		...	...	...	...		...	...	...	...
322 Wearing apparel, except footwear		6	6	4	4		85	141	82	80		54	187	42	38
323 Leather and fur products	b/	2	2	1	2	b/	68	24	12	12	b/	46	11	9	58
3231 Tanneries and leather finishing		...	...	...	...		...	...	...	...		...	...	...	...
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...	...	...
3233 Leather prods. excl. wearing apparel		...	...	...	...		...	...	...	...		...	...	...	...
324 Footwear, except rubber or plastic	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
331 Wood products, except furniture		21	25	32	34		6306	7095	7962	9152		11187	13044	15025	18871
3311 Sawmills, planing and other wood mills		18	...	...	...		...	...	...	...		9251	10863	...	...
3312 Wooden and cane containers		-	...	...	...		...	...	...	...		-	...	...	...
3319 Other wood and cork products		3	...	...	...		...	...	...	...		1936	2181	...	...
332 Furniture and fixtures, excl. metal		7	4	3	3		98	80	51	58		131	116	62	62
341 Paper and products		14	11	11	12		1014	916	920	924		2449	2441	...	2799
3411 Pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...	...	...
3412 Containers of paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
3419 Other pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...	...	...
342 Printing and publishing		13	15	14	11		809	921	920	788		1156	1861	4409	1830
351 Industrial chemicals		-	-	-	-		-	-	-	-		-	-	-	-
3511 Basic chemicals excl. fertilizers		...	...	...	...		...	...	...	...		...	...	...	...
3512 Fertilizers and pesticides		...	...	...	...		...	...	...	...		...	...	...	...
3513 Synthetic resins and plastic materials		...	...	...	...		...	...	...	...		...	...	...	...
352 Other chemicals		23	21	25	24		1786	1618	1748	1762		4653	4046	4863	5063
3521 Paints, varnishes and lacquers		1	...	1	1		...	...	...	...		...	...	...	...
3522 Drugs and medicines		-	...	-	-		...	...	...	...		...	...	...	...
3523 Soap, cleaning preps., perfumes, cosmetics		22	...	24	23		...	...	...	...		...	...	...	...
3529 Other chemical products		-	...	-	-		...	...	...	...		...	...	...	...
353 Petroleum refineries	c/	3	2	2	2	c/	560	563	566	620	c/	4855	5136	4967	5218

354 Misc. petroleum and coal products	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
355 Rubber products		4	4	5	6		16625	17848	18118	20589		12223	13951	15529	16667
3551 Tyres and tubes		...	...	...	...		...	...	...	...		...	...	...	...
3559 Other rubber products		...	...	...	...		...	...	...	...		...	...	...	...
356 Plastic products		14	11	9	7		578	548	559	435		713	660	821	741
361 Pottery, china, earthenware		-	-	-	-		-	-	-	-		-	-	-	-
362 Glass and products		-	-	-	-		-	-	-	-		-	-	-	-
369 Other non-metallic mineral products		3	2	3	2		604	557	546	498		4113	4079	3721	4056
3691 Structural clay products		...	...	...	...		...	...	...	...		...	...	...	...
3692 Cement, lime and plaster		...	...	...	...		...	...	...	...		...	...	...	...
3699 Other non-metallic mineral products		...	...	...	...		...	...	...	...		...	...	...	...
371 Iron and steel		-	-	-	-		-	-	-	-		-	-	-	-
372 Non-ferrous metals		6	5	6	4		1011	1112	1096	1025		6590	6846	7731	7738
381 Fabricated metal products		14	7	10	13		523	368	331	487		1619	1140	1315	1601
3811 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...		...	...	...	...
3812 Furniture and fixtures primarily of metal		...	...	...	...		...	...	...	...		...	...	...	...
3813 Structural metal products		...	...	...	...		...	...	...	...		...	...	...	...
3819 Other fabricated metal products		...	...	...	...		...	...	...	...		...	...	...	...
382 Non-electrical machinery		-	-	-	-		-	-	-	-		-	-	-	-
3821 Engines and turbines		...	...	...	...		...	...	...	...		...	...	...	...
3822 Agricultural machinery and equipment		...	...	...	...		...	...	...	...		...	...	...	...
3823 Metal and wood working machinery		...	...	...	...		...	...	...	...		...	...	...	...
3824 Other special industrial machinery		...	...	...	...		...	...	...	...		...	...	...	...
3825 Office, computing and accounting machinery		...	...	...	...		...	...	...	...		...	...	...	...
3829 Other non-electrical machinery & equipment		...	...	...	...		...	...	...	...		...	...	...	...
383 Electrical machinery		2	2	4	1		442	444	531	272		1295	1197	1550	1176
3831 Electrical industrial machinery		...	...	...	...		...	...	...	...		...	...	...	...
3832 Radio, television and communication equipm.		...	...	...	...		...	...	...	...		...	...	...	...
3833 Electrical appliances and housewares		...	...	...	...		...	...	...	...		...	...	...	...
3839 Other electrical apparatus and supplies		1	...	...	...		...	...	...	...		...	...	...	...
384 Transport equipment		2	5	3	3		69	218	103	213		249	412	282	724
3841 Shipbuilding and repairing		...	...	...	...		...	...	...	...		...	...	...	...
3842 Railroad equipment		...	...	...	...		...	...	...	...		...	...	...	...
3843 Motor vehicles		...	...	...	...		...	...	...	...		...	...	...	...
3844 Motorcycles and bicycles		...	...	...	...		...	...	...	...		...	...	...	...
3845 Aircraft		...	...	...	...		...	...	...	...		...	...	...	...
3849 Other transport equipment		...	...	...	...		...	...	...	...		...	...	...	...
385 Professional and scientific equipment		-	-	-	-		-	-	-	-		-	-	-	-
3851 Prof. and scientific equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3852 Photographic and optical goods		...	...	...	...		...	...	...	...		...	...	...	...
3853 Watches and clocks		...	...	...	...		...	...	...	...		...	...	...	...
390 Other manufacturing industries		3	3	4	4		203	228	266	324		552	801	908	1921
3901 Jewellery and related articles		...	...	...	...		...	...	...	...		...	...	...	...
3902 Musical instruments		...	...	...	...		...	...	...	...		...	...	...	...
3903 Sporting and athletic goods		...	...	...	...		...	...	...	...		...	...	...	...
3909 Manufacturing industries, n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3 Total manufacturing		212	194	206	198		50863	53606	53754	53092		88077	93199	103778	110599

a/ Data are provisional.

b/ 323 includes 324.

c/ 353 includes 354.

## Cameroon

ISIC Revision 2 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(million CFA FRANCS)				Note	(million CFA FRANCS)				Note	(million CFA FRANCS)	
		1995	1996a/	1997	1998		1995	1996a/	1997	1998		1997	1998
311/2 Food products		139047	140409	120924	161717		54660	53181	46536	61353		12478	10122
3111 Slaughtering, preparing & preserving meat		...	...	...	...		...	...	...	...		...	...
3112 Dairy products		848	1704	1795	2481		43	374	306	294		221	201
3113 Canning, preserving of fruits & vegetables		63	-	...	...		-4	-	...	...		...	...
3114 Canning, preserving and processing of fish		...	...	...	...		...	...	...	...		...	...
3115 Vegetable and animal oils and fats		33300	43785	33438	50501		16754	19710	16090	23816		3824	5482
3116 Grain mill products		26538	17346	14492	18288		3672	2279	4941	4809		3540	615
3117 Bakery products		4561	4177	5089	5882		874	894	1910	1778		738	1149
3118 Sugar factories and refineries		40454	30552	29992	33220		25573	17332	15545	18404		1578	1311
3119 Cocoa, chocolate and sugar confectionery		20238	30085	23928	32884		4792	11306	5670	5898		452	357
3121 Other food products		10621	9864	8981	14574		2373	1185	1452	5855		2073	846
3122 Prepared animal feeds		2424	2896	3209	3887		582	101	622	499		52	161
313 Beverages		96530	121821	111604	151969		33227	57509	38603	71233		9778	15489
3131 Distilling, rectifying and blending spirits		...	...	3797	5363		...	...	1336	1621		882	884
3132 Wine industries		...	...	1304	2451		...	...	243	501		-	76
3133 Malt liquors and malt		...	...	104289	140262		...	...	37024b/	69111b/		8112	13135
3134 Soft drinks and carbonated waters		...	...	2213	3893		...	...	...b/	...b/		784	1394
314 Tobacco		29099	18650	20628	25807		6270	6308	14348	13064		18219	1612
321 Textiles		101009	106022	105944	110948		43373	28367	40084	36387		8085	4866
3211 Spinning, weaving and finishing textiles		...	...	...	...		...	...	...	...		...	...
3212 Made-up textile goods excl. wearing apparel		...	...	...	...		...	...	...	...		...	...
3213 Knitting mills		...	...	...	...		...	...	...	...		...	...
3214 Carpets and rugs		...	...	...	...		...	...	...	...		...	...
3215 Cordage, rope and twine		...	...	...	...		...	...	...	...		...	...
3219 Other textiles		...	...	...	...		...	...	...	...		...	...
322 Wearing apparel, except footwear		398	1952	408	317		124	921	287	100		7	5
323 Leather and fur products	c/	2186	111	169	2664	c/	755	-7	44	1575	c/	7	23
3231 Tanneries and leather finishing		...	...	...	...		...	...	...	...		...	...
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...
3233 Leather prods. excl. wearing apparel		...	...	...	...		...	...	...	...		...	...
324 Footwear, except rubber or plastic	c/	...	...	...	...	c/	...	...	...	...	c/	...	...
331 Wood products, except furniture		125381	116706	105764	199957		43773	35562	55720	75261		14546	22486
3311 Sawmills, planing and other wood mills		...	...	...	...		...	...	...	...		...	...
3312 Wooden and cane containers		...	...	...	...		...	...	...	...		...	...
3319 Other wood and cork products		...	...	...	...		...	...	...	...		...	...
332 Furniture and fixtures, excl. metal		413	404	223	316		178	141	46	81		45	36
341 Paper and products		27294	29020	27883	37115		4905	5231	8340	14292		2149	1352
3411 Pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...
3412 Containers of paper and paperboard		...	...	...	...		...	...	...	...		...	...
3419 Other pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...
342 Printing and publishing		5441	6125	6483	9876		2775	1498	2422	4785		309	726
351 Industrial chemicals		-	-	-	-		-	-	-	-		-	-
3511 Basic chemicals excl. fertilizers		...	...	...	...		...	...	...	...		...	...
3512 Fertilizers and pesticides		...	...	...	...		...	...	...	...		...	...
3513 Synthetic resins and plastic materials		...	...	...	...		...	...	...	...		...	...
352 Other chemicals		39874	38202	48568	55408		12701	11432	17172	23966		3335	1292
3521 Paints, varnishes and lacquers		...	...	...	...		...	...	...	...		...	...
3522 Drugs and medicines		...	...	...	...		...	...	...	...		...	...
3523 Soap, cleaning preps., perfumes, cosmetics		...	...	...	...		...	...	...	...		...	...
3529 Other chemical products		...	...	...	...		...	...	...	...		...	...
353 Petroleum refineries	d/	136165	120976	155786	178269	d/	19954	6711	7893	16394	d/	2770	3433

354 Misc. petroleum and coal products	d/	...	...	...	...	d/	...	...	...	...	d/	...	...
355 Rubber products		63262	69573	50926	69714		29550	29382	24197	29906		24744	26704
3551 Tyres and tubes		...	...	...	...		...	...	...	...		...	...
3559 Other rubber products		...	...	...	...		...	...	...	...		...	...
356 Plastic products		5455	5254	6707	7841		1869	1678	2380	3561		1280	1094
361 Pottery, china, earthenware		-	-	-	-		-	-	-	-		-	-
362 Glass and products		-	-	-	-		-	-	-	-		-	-
369 Other non-metallic mineral products		36149	29198	28570	39375		15403	8030	9254	11775		929	842
3691 Structural clay products		...	...	...	...		...	...	...	...		...	...
3692 Cement, lime and plaster		...	...	...	...		...	...	...	...		...	...
3699 Other non-metallic mineral products		...	...	...	...		...	...	...	...		...	...
371 Iron and steel		-	-	-	-		-	-	-	-		-	-
372 Non-ferrous metals		84672	95367	101008	118468		14733	20657	23960	26987		7123	4451
381 Fabricated metal products		7888	7131	6537	14276		2819	1735	2698	4689		871	1182
3811 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...		...	...
3812 Furniture and fixtures primarily of metal		...	...	...	...		...	...	...	...		...	...
3813 Structural metal products		...	...	...	...		...	...	...	...		...	...
3819 Other fabricated metal products		...	...	...	...		...	...	...	...		...	...
382 Non-electrical machinery		-	-	-	-		-	-	-	-		-	-
3821 Engines and turbines		...	...	...	...		...	...	...	...		...	...
3822 Agricultural machinery and equipment		...	...	...	...		...	...	...	...		...	...
3823 Metal and wood working machinery		...	...	...	...		...	...	...	...		...	...
3824 Other special industrial machinery		...	...	...	...		...	...	...	...		...	...
3825 Office, computing and accounting machinery		...	...	...	...		...	...	...	...		...	...
3829 Other non-electrical machinery & equipment		...	...	...	...		...	...	...	...		...	...
383 Electrical machinery		7790	10500	10665	11007		1857	3092	2531	7459		132	-241
3831 Electrical industrial machinery		...	...	...	...		...	...	...	...		...	...
3832 Radio, television and communication equipm.		...	...	...	...		...	...	...	...		...	...
3833 Electrical appliances and housewares		...	...	...	...		...	...	...	...		...	...
3839 Other electrical apparatus and supplies		...	...	...	...		...	...	...	...		...	...
384 Transport equipment		1852	2775	4126	12004		55	126	975	5471		137	285
3841 Shipbuilding and repairing		...	...	...	...		...	...	...	...		...	...
3842 Railroad equipment		...	...	...	...		...	...	...	...		...	...
3843 Motor vehicles		...	...	...	...		...	...	...	...		...	...
3844 Motorcycles and bicycles		...	...	...	...		...	...	...	...		...	...
3845 Aircraft		...	...	...	...		...	...	...	...		...	...
3849 Other transport equipment		...	...	...	...		...	...	...	...		...	...
385 Professional and scientific equipment		-	-	-	-		-	-	-	-		-	-
3851 Prof. and scientific equipment n.e.c.		...	...	...	...		...	...	...	...		...	...
3852 Photographic and optical goods		...	...	...	...		...	...	...	...		...	...
3853 Watches and clocks		...	...	...	...		...	...	...	...		...	...
390 Other manufacturing industries		5017	9563	9495	10744		2021	2866	5471	6715		2404	326
3901 Jewellery and related articles		...	...	...	...		...	...	...	...		...	...
3902 Musical instruments		...	...	...	...		...	...	...	...		...	...
3903 Sporting and athletic goods		...	...	...	...		...	...	...	...		...	...
3909 Manufacturing industries, n.e.c.		...	...	...	...		...	...	...	...		...	...
3 Total manufacturing		914922	929759	922420	1217792		291004	274420	303552	415054		109390	96085

a/ Data are provisional.  
b/ 3133 includes 3134.  
c/ 323 includes 324.  
d/ 353 includes 354.

## Cameroon

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products		...	...	...	...	...	...	...	...	...	...	...	...
313 Beverages		132	119	108	100	103	82	80	74	54	65	66	35
314 Tobacco		...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	94	114	100	75	89	94	119	131	104	48	29
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		...	...	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		...	...	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		78	91	98	100	97	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

**CHILE**

<p><b>Supplier of information:</b> Instituto Nacional de Estadísticas, Santiago.</p> <p><b>Basic source of data:</b> Annual industrial survey.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Establishments with 50 or more persons engaged. The index numbers of industrial production cover, in principle, all establishments employing 10 or more persons.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> No.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of employees</u> is the average of the numbers for the months of February, May, August and November. <u>Output</u> includes gross revenues from goods shipped in the same condition as received.</p> <p><b>Related national publications:</b> Industrias Manufactureras (annual), published by the Instituto Nacional de Estadísticas, Santiago.</p>
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## Chile

ISIC Revision 2	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million PESOS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
ISIC Industry															
311/2 Food products		419	457	459	438		86253	91404	93155	91267		224559	265975	288975	309848
3111 Slaughtering, preparing & preserving meat		50	52	50	49		11248	11348	11431	11848		29631	33896	39035	43094
3112 Dairy products		35	36	30	28		8513	9273	8178	7612		28232	35007	32172	35339
3113 Canning, preserving of fruits & vegetables		59	63	63	65		15472	14501	16163	14635		26502	30755	39079	36715
3114 Canning, preserving and processing of fish		96	118	126	114		19068	23377	25975	25780		37088	49224	58341	64069
3115 Vegetable and animal oils and fats		49	44	40	37		8004	7604	6644	6680		31066	32765	34308	35624
3116 Grain mill products		21	27	27	25		1635	2192	2383	1884		5801	8018	10392	8578
3117 Bakery products		54	58	64	63		7554	8427	9973	10272		15696	20830	24921	28561
3118 Sugar factories and refineries		4	4	5	5		1607	1571	1306	1102		5550	6800	5414	5382
3119 Cocoa, chocolate and sugar confectionery		11	12	13	11		4530	4332	4204	3668		13507	15213	14932	16541
3121 Other food products		32	33	31	28		7109	7101	5545	6019		26848	27594	25227	28907
3122 Prepared animal feeds		8	10	10	13		1513	1678	1353	1767		4638	5873	5154	7038
313 Beverages		48	46	50	53		11308	11225	12609	13667		38205	45823	58261	71829
3131 Distilling, rectifying and blending spirits		4	4	5	3		1180	1326	1527	1464		4148	5634	6454	7389
3132 Wine industries		20	21	23	27		4092	4073	4627	5310		10143	12955	16296	19307
3133 Malt liquors and malt		8	7	8	8		1657	1403	1516	1425		5987	5677	6890	7289
3134 Soft drinks and carbonated waters		16	14	14	15		4379	4423	4939	5468		17927	21557	28621	37844
314 Tobacco		2	2	2	2		722	583	553	550		4614	4175	3895	4176
321 Textiles		131	131	116	101		22382	21560	19436	17317		55402	59311	58657	58438
3211 Spinning, weaving and finishing textiles		61	65	58	49		14265	13806	12022	10689		37649	39511	37203	38402
3212 Made-up textile goods excl. wearing apparel		13	10	9	9		1187	900	896	731		2285	2066	2285	1743
3213 Knitting mills		51	51	45	37		6465	6481	6142	5440		14141	16476	17551	16485
3214 Carpets and rugs		1	1	1	1		81	90	103	88		317	373	357	355
3215 Cordage, rope and twine		2	1	1	1		167	82	79	60		490	307	305	286
3219 Other textiles		3	3	2	4		217	201	194	309		520	578	956	1167
322 Wearing apparel, except footwear		118	106	100	91		19155	18053	16902	15286		43979	44616	49697	50915
323 Leather and fur products		20	18	17	17		2554	2178	1918	1926		6493	6488	6321	6813
3231 Tanneries and leather finishing		14	12	12	12		1678	1414	1335	1396		4329	4248	4643	5241
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	-	-
3233 Leather prods. excl. wearing apparel		6	6	5	5		876	764	583	530		2164	2240	1678	1572
324 Footwear, except rubber or plastic		59	55	54	49		12156	11007	9683	8690		26406	26112	26374	26701
331 Wood products, except furniture		154	149	160	153		22539	22890	22780	21698		48408	55004	59259	61617
3311 Sawmills, planing and other wood mills		139	132	143	141		19955	20050	19794	19677		44514	49830	53164	56712
3312 Wooden and cane containers		11	10	10	8		2033	1841	1952	1440		2930	3082	3755	3475
3319 Other wood and cork products		4	7	7	4		551	999	1034	581		964	2092	2340	1430
332 Furniture and fixtures, excl. metal		47	47	53	48		7155	7084	6943	6833		15163	18394	18743	22141
341 Paper and products		46	45	48	48		11543	12232	12085	11498		53738	61049	66861	70848
3411 Pulp, paper and paperboard articles		14	16	17	16		5299	5860	5492	5398		33087	36955	35192	38347
3412 Containers of paper and paperboard		16	16	15	18		3286	3496	3216	3185		10482	13059	14865	16478
3419 Other pulp, paper and paperboard articles		16	13	16	14		2958	2876	3377	2915		10169	11035	16804	16023
342 Printing and publishing		58	59	52	54		11074	10896	10168	10813		53946	60552	66231	75408
351 Industrial chemicals		31	29	34	37		5621	4750	4957	7551		28384	28392	30353	46203
3511 Basic chemicals excl. fertilizers		23	21	26	30		4136	3293	3646	5732		22037	20320	22984	36198
3512 Fertilizers and pesticides		4	3	4	3		1070	897	801	979		3336	4198	3677	1901
3513 Synthetic resins and plastic materials		4	5	4	4		415	560	510	840		3011	3874	3692	8104
352 Other chemicals		105	98	102	97		18528	18102	19260	19093		92198	101759	117461	128173
3521 Paints, varnishes and lacquers		15	14	15	16		2311	2308	2548	2848		10356	11306	12978	15917
3522 Drugs and medicines		39	35	33	31		6443	6286	6153	6266		33958	37366	37380	43414
3523 Soap, cleaning preps., perfumes, cosmetics		24	24	25	23		6107	5852	6123	5912		29522	34144	40524	41605
3529 Other chemical products		27	25	29	27		3667	3656	4436	4067		18362	18943	26579	27237
353 Petroleum refineries		2	2	2	2		1324	1306	1273	1224		12289	17063	19493	20611

354 Misc. petroleum and coal products	8	11	10	10	845	1024	1065	932	3702	5211	4293	4249
355 Rubber products	23	24	23	15	4279	4193	3909	2986	17496	18186	18966	13912
3551 Tyres and tubes	4	5	5	3	1345	1559	1445	1329	8686	10145	9910	7259
3559 Other rubber products	19	19	18	12	2934	2634	2464	1657	8810	8041	9056	6653
356 Plastic products	109	109	104	107	14600	15327	14563	14099	42004	51340	54734	57758
361 Pottery, china, earthenware	7	12	10	8	2046	2836	2330	2143	5108	6844	5932	5461
362 Glass and products	13	14	16	13	2446	2353	2758	2343	3602	9598	11452	11539
369 Other non-metallic mineral products	54	56	62	65	8865	8030	8527	8774	38976	42287	46929	51852
3691 Structural clay products	13	16	15	11	1487	1822	1908	1564	4193	6294	7495	6393
3692 Cement, lime and plaster	7	8	7	6	1981	1923	1715	1614	16113	18024	17533	18146
3699 Other non-metallic mineral products	a/ 34	32	40	48	a/ 5397	4285	4904	5596	a/ 18670	17969	21901	27313
371 Iron and steel	23	18	19	12	7324	6583	6682	5445	40560	41075	45156	44332
372 Non-ferrous metals	21	28	30	30	7710	9318	10772	10995	53072	71232	93949	110451
381 Fabricated metal products	179	183	185	189	24754	24226	23894	24166	72019	76904	90488	98266
3811 Cutlery, hand tools and general hardware	15	11	9	12	1759	1758	945	1410	5055	4131	3217	4628
3812 Furniture and fixtures primarily of metal	15	19	17	15	1365	1734	1575	1205	3079	4440	4524	3486
3813 Structural metal products	70	79	82	87	9979	10284	11131	11878	27535	32626	43930	48746
3819 Other fabricated metal products	79	74	77	75	11651	10450	10243	9673	36350	35707	38817	41406
382 Non-electrical machinery	73	80	74	67	12643	12313	11113	11126	53323	56144	60842	70179
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-
3822 Agricultural machinery and equipment	5	4	3	2	376	316	237	167	1062	962	836	728
3823 Metal and wood working machinery	5	4	2	5	405	261	107	460	1216	1088	844	2150
3824 Other special industrial machinery	16	23	23	25	2720	2964	3463	4226	17677	19360	25703	34098
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-	-	-
3829 Other non-electrical machinery & equipment	47	49	46	35	9142	8772	7306	6273	33368	34734	33459	33203
383 Electrical machinery	29	34	31	31	4292	4928	4738	4617	18445	22941	22386	23576
3831 Electrical industrial machinery	8	8	7	6	1299	1274	1184	1157	5787	5863	6078	6785
3832 Radio, television and communication equipm.	3	6	7	4	315	656	876	465	1470	3674	4838	3009
3833 Electrical appliances and housewares	2	2	2	3	158	178	209	275	544	575	681	987
3839 Other electrical apparatus and supplies	16	18	15	18	2520	2820	2469	2720	10644	12829	10789	12795
384 Transport equipment	45	44	46	43	11452	10943	10001	10026	34151	37103	46187	43604
3841 Shipbuilding and repairing	9	11	13	11	4075	4558	4045	4120	14048	16525	23904	17969
3842 Railroad equipment	3	2	1	2	444	265	155	297	1071	608	452	1620
3843 Motor vehicles	28	24	25	25	4843	4011	3736	3745	15226	14808	16126	18158
3844 Motorcycles and bicycles	3	4	5	3	682	730	847	574	1045	1723	2308	1730
3845 Aircraft	1	1	1	1	1344	1240	1158	1216	2627	3005	3119	3922
3849 Other transport equipment	1	2	1	1	64	139	60	74	134	434	278	205
385 Professional and scientific equipment	8	8	8	8	835	762	899	952	2879	2868	3532	4569
3851 Prof. and scientific equipment n.e.c.	6	6	6	6	481	517	507	520	1936	2048	2001	2753
3852 Photographic and optical goods	2	2	2	2	354	245	392	432	943	820	1531	1816
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-
390 Other manufacturing industries	12	14	15	14	1232	1516	1601	1418	2846	4146	6451	5560
3901 Jewellery and related articles	2	1	1	1	324	249	129	189	877	808	402	702
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	-	-	-	1	-	-	-	78	-	-	-	215
3909 Manufacturing industries, n.e.c.	10	13	14	12	908	1267	1472	1151	1969	3338	6049	4643
3 Total manufacturing	1844	1879	1882	1802	335637	337622	334574	327435	1091967	1240592	1381878	1499029

a/ Including cement for construction as well as fibre cement.

## Chile

ISIC Revision 2	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(billion PESOS)				Note	(billion PESOS)				Note	(billion PESOS)	
		1994	1995	1996	1997		1994	1995	1996	1997		1996	1997
ISIC Industry													
311/2 Food products		2802.1	3303.5	3810.2	4058.1		1092.8	1336.1	1602.6	1693.4		22.4	164.0
3111 Slaughtering, preparing & preserving meat		363.6	404.3	589.2	665.9		128.3	138.3	236.8	237.8		...	...
3112 Dairy products		386.2	452.6	476.5	546.8		141.5	163.4	181.7	227.9		...	...
3113 Canning, preserving of fruits & vegetables		298.0	304.0	413.8	339.6		111.2	111.7	176.5	142.7		...	...
3114 Canning, preserving and processing of fish		257.2	403.1	488.9	503.9		115.3	197.3	226.0	191.1		...	...
3115 Vegetable and animal oils and fats		452.4	508.5	542.9	626.2		193.4	224.9	268.1	346.3		...	...
3116 Grain mill products		114.8	159.8	178.8	152.6		36.8	53.7	55.3	50.6		...	...
3117 Bakery products		156.6	186.1	225.6	261.6		66.9	91.5	119.5	143.4		...	...
3118 Sugar factories and refineries		160.5	170.5	157.4	152.6		58.4	61.3	39.3	44.0		...	...
3119 Cocoa, chocolate and sugar confectionery		138.0	134.2	143.3	129.9		49.6	57.1	63.0	50.2		...	...
3121 Other food products		307.2	382.7	350.3	376.7		152.1	191.6	199.3	215.9		...	...
3122 Prepared animal feeds		167.5	197.7	243.4	302.4		39.3	45.3	37.2	43.5		...	...
313 Beverages		530.1	614.3	807.4	980.7		287.1	326.7	426.7	540.5		74.5	64.1
3131 Distilling, rectifying and blending spirits		59.6	71.1	81.8	98.5		32.6	46.5	51.2	72.8		...	...
3132 Wine industries		124.1	149.1	197.7	284.5		57.5	61.6	94.3	125.9		...	...
3133 Malt liquors and malt		69.1	79.7	98.8	116.1		35.4	35.5	48.6	61.7		...	...
3134 Soft drinks and carbonated waters		277.3	314.4	429.1	481.6		161.6	183.1	232.5	280.1		...	...
314 Tobacco		228.9	258.9	290.1	320.3		205.9	225.2	250.9	277.0		2.7	75.4
321 Textiles		336.8	372.6	347.3	346.6		151.5	171.3	160.2	159.6		4.4	12.8
3211 Spinning, weaving and finishing textiles		216.8	240.6	215.9	218.3		95.4	110.8	99.8	101.9		...	...
3212 Made-up textile goods excl. wearing apparel		12.8	12.3	14.1	17.1		7.6	7.3	7.3	6.7		...	...
3213 Knitting mills		96.6	108.3	105.7	96.9		44.6	48.7	48.7	46.3		...	...
3214 Carpets and rugs		1.8	1.9	2.1	1.7		0.7	0.8	0.8	0.6		...	...
3215 Cordage, rope and twine		2.9	1.6	1.2	1.2		1.4	0.7	0.6	0.5		...	...
3219 Other textiles		6.0	8.0	8.3	11.3		1.8	2.9	2.9	3.6		...	...
322 Wearing apparel, except footwear		270.4	291.8	304.2	332.1		131.3	145.2	155.0	161.7		8.1	13.5
323 Leather and fur products		53.7	57.2	44.9	54.1		22.5	23.4	17.0	21.2		1.3	0.7
3231 Tanneries and leather finishing		44.1	46.4	37.2	44.8		16.8	16.8	12.3	15.5		...	...
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		...	...
3233 Leather prods. excl. wearing apparel		9.6	10.8	7.7	9.3		5.7	6.6	4.7	5.8		...	...
324 Footwear, except rubber or plastic		168.8	179.1	185.9	179.8		81.4	93.8	84.7	82.9		0.4	1.6
331 Wood products, except furniture		498.3	561.2	591.1	612.0		196.1	219.9	254.5	282.1		48.4	47.2
3311 Sawmills, planing and other wood mills		472.8	531.2	552.2	582.1		185.5	205.3	236.2	267.2		...	...
3312 Wooden and cane containers		19.5	18.2	24.2	20.2		8.6	9.0	11.0	10.9		...	...
3319 Other wood and cork products		6.0	11.8	14.7	9.7		2.0	5.6	7.3	4.0		...	...
332 Furniture and fixtures, excl. metal		92.7	111.2	115.4	137.9		48.2	50.6	55.7	65.4		6.6	4.2
341 Paper and products		817.3	1137.6	964.9	942.6		426.2	633.5	499.7	472.2		94.8	46.6
3411 Pulp, paper and paperboard articles		573.5	845.2	615.9	609.8		298.5	503.6	351.8	303.4		...	...
3412 Containers of paper and paperboard		102.1	145.4	155.8	144.4		43.7	57.3	53.1	59.5		...	...
3419 Other pulp, paper and paperboard articles		141.7	147.0	193.2	188.4		84.0	72.6	94.9	109.4		...	...
342 Printing and publishing		294.6	349.4	327.8	389.4		179.3	228.2	208.3	257.7		18.1	20.3
351 Industrial chemicals		474.6	409.0	442.9	746.8		198.2	189.1	221.9	400.8		49.1	125.0
3511 Basic chemicals excl. fertilizers		337.2	243.9	274.2	604.2		155.6	132.5	159.4	328.3		...	...
3512 Fertilizers and pesticides		92.4	98.5	105.0	36.9		25.5	34.5	42.7	14.8		...	...
3513 Synthetic resins and plastic materials		45.1	66.5	63.7	105.8		17.1	22.2	19.8	57.8		...	...
352 Other chemicals		745.5	821.8	907.1	986.8		416.2	467.6	528.3	557.2		23.1	30.0
3521 Paints, varnishes and lacquers		84.1	87.6	95.3	121.8		33.6	28.6	36.0	44.1		...	...
3522 Drugs and medicines		255.3	259.8	248.2	265.6		153.6	162.9	152.1	156.4		...	...
3523 Soap, cleaning preps., perfumes, cosmetics		256.2	306.7	350.6	400.8		145.6	188.1	221.9	245.3		...	...
3529 Other chemical products		149.9	167.7	213.0	198.6		83.4	88.0	118.3	111.4		...	...
353 Petroleum refineries		913.7	897.3	1100.2	1002.0		362.7	335.1	390.7	244.5		30.2	71.0

354 Misc. petroleum and coal products	104.8	129.3	74.3	48.0	54.5	55.7	42.5	16.1	-0.1	1.3
355 Rubber products	118.6	146.6	149.7	145.6	57.2	69.0	64.4	70.5	8.2	8.5
3551 Tyres and tubes	67.8	91.2	89.6	101.4	29.4	39.4	35.7	54.0	...	...
3559 Other rubber products	50.8	55.4	60.1	44.2	27.9	29.7	28.7	16.5	...	...
356 Plastic products	339.1	419.2	418.1	426.7	156.5	185.2	185.4	185.2	41.4	36.5
361 Pottery, china, earthenware	14.7	32.8	32.0	27.4	9.0	16.0	16.5	13.4	5.0	3.2
362 Glass and products	69.6	81.0	92.4	102.7	41.4	49.6	54.4	59.2	13.3	19.6
369 Other non-metallic mineral products	370.1	416.8	468.6	525.6	193.7	229.5	267.9	280.4	44.1	37.9
3691 Structural clay products	22.5	43.6	46.3	35.7	12.0	23.5	28.0	17.1	...	...
3692 Cement, lime and plaster	187.0	212.3	221.4	231.7	117.2	133.7	146.9	147.5	...	...
3699 Other non-metallic mineral products	160.7	160.9	200.9	258.1	64.5	72.3	93.0	115.8	...	...
371 Iron and steel	330.5	424.7	417.6	398.0	135.8	159.7	164.2	177.9	11.7	8.9
372 Non-ferrous metals	1905.1	2281.6	2631.9	3190.7	547.8	752.2	1006.8	954.2	58.1	106.0
381 Fabricated metal products	520.2	578.6	608.4	689.2	219.7	244.0	274.7	303.9	28.8	24.9
3811 Cutlery, hand tools and general hardware	22.9	15.5	13.3	26.4	11.8	8.4	10.2	14.6	...	...
3812 Furniture and fixtures primarily of metal	19.9	29.1	30.2	24.5	10.1	13.4	14.2	13.2	...	...
3813 Structural metal products	222.0	255.6	291.6	354.0	91.1	105.1	121.9	154.4	...	...
3819 Other fabricated metal products	255.4	278.4	273.3	284.4	106.7	117.1	128.4	121.7	...	...
382 Non-electrical machinery	285.3	341.2	322.3	398.9	114.1	146.3	130.7	152.1	6.6	12.8
3821 Engines and turbines	-	-	-	-	-	-	-	-	...	...
3822 Agricultural machinery and equipment	5.2	4.6	4.0	3.6	2.8	2.8	2.7	2.0	...	...
3823 Metal and wood working machinery	5.8	8.0	6.7	10.1	3.2	3.6	2.7	4.4	...	...
3824 Other special industrial machinery	75.2	90.6	97.4	148.9	23.1	37.5	32.2	47.9	...	...
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	...	...
3829 Other non-electrical machinery & equipment	199.1	238.0	214.1	236.2	85.0	102.4	93.1	97.8	...	...
383 Electrical machinery	112.8	152.3	146.5	181.4	64.9	82.4	80.0	100.0	13.6	13.7
3831 Electrical industrial machinery	34.0	50.1	41.9	48.1	20.9	20.9	19.9	21.6	...	...
3832 Radio, television and communication equipm.	11.1	19.0	22.8	19.6	8.9	12.9	15.3	14.2	...	...
3833 Electrical appliances and housewares	2.9	2.9	4.3	6.5	1.0	1.3	1.8	2.7	...	...
3839 Other electrical apparatus and supplies	64.9	80.3	77.6	107.3	34.1	47.3	43.1	61.5	...	...
384 Transport equipment	354.9	386.0	492.1	481.8	90.0	103.6	175.3	185.1	10.3	10.8
3841 Shipbuilding and repairing	59.1	58.6	109.8	71.1	34.2	38.7	75.3	45.6	...	...
3842 Railroad equipment	2.4	2.8	2.8	2.9	1.4	2.0	1.9	1.8	...	...
3843 Motor vehicles	268.7	289.3	342.5	376.5	46.0	49.7	84.4	121.0	...	...
3844 Motorcycles and bicycles	10.9	16.2	19.9	16.4	4.3	7.6	10.5	6.9	...	...
3845 Aircraft	13.0	16.1	15.5	14.4	3.7	4.0	2.2	9.5	...	...
3849 Other transport equipment	0.8	2.9	1.6	0.5	0.4	1.6	1.0	0.3	...	...
385 Professional and scientific equipment	18.0	20.4	23.0	28.8	10.5	11.3	11.4	13.8	1.7	1.1
3851 Prof. and scientific equipment n.e.c.	13.8	15.4	17.5	22.3	8.4	9.1	8.2	10.8	...	...
3852 Photographic and optical goods	4.2	5.1	5.5	6.4	2.2	2.3	3.3	3.1	...	...
3853 Watches and clocks	-	-	-	-	-	-	-	-	...	...
390 Other manufacturing industries	14.6	21.4	50.4	30.2	8.1	11.3	24.0	17.0	1.3	0.7
3901 Jewellery and related articles	3.5	2.9	3.3	4.6	2.4	2.2	2.0	4.6	...	...
3902 Musical instruments	-	-	-	-	-	-	-	-	...	...
3903 Sporting and athletic goods	-	-	-	1.5	-	-	-	0.8	...	...
3909 Manufacturing industries, n.e.c.	11.1	18.5	47.0	24.1	5.7	9.0	22.0	11.5	...	...
3 Total manufacturing	12785.9	14796.8	16166.9	17764.0	5502.5	6561.6	7354.3	7745.1	628.1	962.4

a/ Including cement for construction as well as fibre cement.

## Chile

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products	a/	93	97	104	100	101	119	123	137	143	142	140	132
313 Beverages		69	83	100	100	98	108	115	110	122	129	137	146
314 Tobacco		82	91	97	100	100	108	105	105	106	113	122	126
321 Textiles		110	105	107	100	110	105	101	93	97	98	94	84
322 Wearing apparel, except footwear		100	97	107	100	113	108	97	88	84	80	68	52
323 Leather and fur products		78	74	91	100	115	111	107	97	101	89	93	82
324 Footwear, except rubber or plastic		88	94	106	100	119	123	118	105	93	90	84	78
331 Wood products, except furniture	b/	120	114	97	100	94	82	70	72	70	73	73	68
332 Furniture and fixtures, excl. metal		68	85	97	100	100	98	98	103	105	100	99	92
341 Paper and products		87	96	97	100	109	131	132	141	149	152	148	151
342 Printing and publishing		69	74	88	100	130	181	184	198	230	226	239	216
351 Industrial chemicals		87	99	101	100	108	116	112	119	124	130	154	165
352 Other chemicals		85	93	102	100	106	121	130	139	157	176	193	199
353 Petroleum refineries		71	81	98	100	102	106	112	119	130	135	137	151
354 Misc. petroleum and coal products		111	104	110	100	143	155	150	216	215	213	215	240
355 Rubber products		95	92	102	100	142	163	150	141	139	127	140	122
356 Plastic products		122	114	109	100	122	128	132	143	152	162	181	197
361 Pottery, china, earthenware		99	103	113	100	95	93	99	103	108	106	104	96
362 Glass and products		56	71	101	100	109	125	134	146	158	181	233	226
369 Other non-metallic mineral products		75	101	114	100	108	130	152	152	167	192	199	208
371 Iron and steel		91	113	113	100	101	120	129	124	147	149	161	148
372 Non-ferrous metals	c/	86	90	96	100	97	104	100	96	101	104	112	124
381 Fabricated metal products		86	93	102	100	100	124	139	141	151	161	175	172
382 Non-electrical machinery		71	72	90	100	96	143	186	200	222	204	241	227
383 Electrical machinery		78	88	96	100	107	123	127	128	134	140	148	138
384 Transport equipment		88	91	114	100	107	125	120	115	105	106	126	105
385 Professional and scientific equipment		84	94	107	100	110	133	133	139	149	162	178	165
390 Other manufacturing industries		98	91	98	100	92	90	85	78	79	78	85	85
3 Total manufacturing	d/	88	94	101	100	104	117	120	124	131	135	142	142

a/ Excluding slaughtering.

b/ Excluding sawmills.

c/ Excluding smelting and refining of copper.

d/ Excluding slaughtering, sawmills, and smelting and refining of copper.

## CHINA

<p><b>Supplier of information:</b> National Bureau of Statistics, Beijing.</p> <p><b>Basic source of data:</b> Not reported.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Prior to 1998, industrial enterprises with independent accounting systems. Beginning 1998, all state-owned industrial enterprises and non-state-owned industrial enterprises with annual sales higher than 5 million yuan.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b> Statistical Yearbook of China (annual), published by the National Bureau of Statistics, Beijing.</p>
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## China

ISIC Revision 2 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(billion YUAN)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		46841	45860	42274	17277		3220	3170	3874	3031		...	...	...	...
313 Beverages		14719	14130	12711	3817		1210	1210	1447	1151		...	...	...	...
314 Tobacco		423	416	398	352		330	330	309	292		...	...	...	...
321 Textiles		25686	24297	21844	11276		6730	6340	7302	5780		...	...	...	...
322 Wearing apparel, except footwear	a/	20007	19502	17224	6768	a/	1750	1680	2439	2117		...	...	...	...
323 Leather and fur products		10468	9728	8634	3312		990	910	1372	1111		...	...	...	...
324 Footwear, except rubber or plastic	a/	...	...	...	...	a/	...	...	...	...		...	...	...	...
331 Wood products, except furniture		15480	15259	14001	2487		730	720	944	503		...	...	...	...
332 Furniture and fixtures, excl. metal		8760	8716	8034	1470		350	310	458	251		...	...	...	...
341 Paper and products		13890	13893	13094	4763		1330	1280	1676	1293		...	...	...	...
342 Printing and publishing		15436	15378	14359	3863		970	960	1007	674		...	...	...	...
351 Industrial chemicals	b/	35092	35405	33216	15386	b/	5610	5580	5430	5422		...	...	...	...
352 Other chemicals	b/	...	...	...	...	b/	...	...	...	...		...	...	...	...
353 Petroleum refineries	c/	2734	2612	2356	1052	c/	720	760	776	780		...	...	...	...
354 Misc. petroleum and coal products	c/	...	...	...	...	c/	...	...	...	...		...	...	...	...
355 Rubber products		4663	4656	4396	1785		770	750	925	772		...	...	...	...
356 Plastic products		19255	19432	17831	6016		1090	1050	1553	1103		...	...	...	...
361 Pottery, china, earthenware		4006	3821	3493	1636		985	870	807	730		...	...	...	...
362 Glass and products		2993	2926	2689	1135		717	644	631	503		...	...	...	...
369 Other non-metallic mineral products		54279	55140	52480	11725		6383	6251	5973	3320		...	...	...	...
371 Iron and steel		7299	6730	6109	3260		3460	3370	3417	2986		...	...	...	...
372 Non-ferrous metals		4621	4611	4297	2405		1010	1010	1182	1123		...	...	...	...
381 Fabricated metal products		30728	30388	28283	8132		1930	1810	2577	1758		...	...	...	...
382 Non-electrical machinery		48332	49059	45753	15920		7090	7020	7991	5922		...	...	...	...
383 Electrical machinery		27668	27184	25118	11710		4160	3990	3004	4246		...	...	...	...
384 Transport equipment		19445	20339	18332	6779		3700	3540	4099	3375		...	...	...	...
385 Professional and scientific equipment		5637	5774	5193	1821		860	820	889	644		...	...	...	...
390 Other manufacturing industries		22429	21277	19119	3584		2160	1660	1500	912		...	...	...	...
3 Total manufacturing		460891	456533	421238	147731		54390	52340	61582	49799		...	...	...	...

a/ 322 includes 324.

b/ 351 includes 352.

c/ 353 includes 354.

## China

ISIC Revision 2 ISIC Industry	Output				Value added				Gross fixed capital formation			
	Note	(billion YUAN)				Note	(billion YUAN)				(billion YUAN)	
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
311/2 Food products		404.0	462.6	509.5	473.0		70.8	100.2	113.4	100.6	...	...
313 Beverages		115.6	142.3	162.0	158.0		35.4	45.7	55.7	54.4	...	...
314 Tobacco		100.4	120.2	129.6	137.4		61.3	75.7	82.3	88.6	...	...
321 Textiles		460.4	472.2	476.0	437.6		89.8	104.0	111.7	101.7	...	...
322 Wearing apparel, except footwear	a/	147.0	177.7	184.5	201.8	a/	34.7	44.7	46.4	48.2	...	...
323 Leather and fur products		97.4	111.2	118.6	119.2		20.1	27.8	29.1	27.3	...	...
324 Footwear, except rubber or plastic	a/	...	...	...	...	a/	...	...	...	...	...	...
331 Wood products, except furniture		40.6	51.3	62.6	49.2		9.5	14.3	17.0	11.3	...	...
332 Furniture and fixtures, excl. metal		22.6	28.2	32.0	29.5		5.6	8.0	8.9	7.7	...	...
341 Paper and products		101.4	121.5	124.4	124.4		23.2	32.9	33.9	31.9	...	...
342 Printing and publishing		41.2	53.1	57.4	54.4		12.3	17.0	18.8	18.3	...	...
351 Industrial chemicals	b/	559.1	642.5	684.7	682.7	b/	141.0	174.1	181.1	172.1	...	...
352 Other chemicals	b/	...	...	...	...	b/	...	...	...	...	...	...
353 Petroleum refineries	c/	202.8	221.2	256.9	232.9	c/	56.1	55.9	60.2	52.9	...	...
354 Misc. petroleum and coal products	c/	...	...	...	...	c/	...	...	...	...	...	...
355 Rubber products		62.0	74.9	78.2	76.6		13.8	18.8	21.0	20.3	...	...
356 Plastic products		112.8	133.8	144.2	149.8		22.5	32.4	35.8	35.4	...	...
361 Pottery, china, earthenware		29.4	34.6	36.3	45.1		8.8	10.2	11.0	12.7	...	...
362 Glass and products		36.1	37.5	38.3	38.5		12.1	10.7	9.9	10.4	...	...
369 Other non-metallic mineral products		301.8	356.0	308.1	236.8		90.0	105.5	89.7	67.8	...	...
371 Iron and steel		366.0	374.6	385.6	388.3		105.3	99.9	102.5	98.3	...	...
372 Non-ferrous metals		137.2	142.5	147.0	162.9		30.2	30.7	31.1	33.2	...	...
381 Fabricated metal products		165.1	194.4	207.8	215.1		38.4	49.1	51.7	50.4	...	...
382 Non-electrical machinery		412.2	466.9	488.4	450.0		111.9	124.7	134.0	118.2	...	...
383 Electrical machinery		512.5	611.1	728.7	852.2		123.9	140.4	172.2	200.1	...	...
384 Transport equipment		330.3	378.5	412.3	421.2		80.5	92.9	100.6	108.0	...	...
385 Professional and scientific equipment		42.6	52.9	60.0	69.3		12.3	14.4	14.9	16.8	...	...
390 Other manufacturing industries		107.1	125.4	139.6	82.4		26.8	36.4	37.9	21.7	...	...
3 Total manufacturing		4842.1	5514.9	5973.1	5888.3		1215.6	1445.8	1570.7	1508.4	...	...

a/ 322 includes 324.  
b/ 351 includes 352.  
c/ 353 includes 354.



## China

ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
311/2 Food products		...	...	...	...	...	...	...	...	...	...	...	...
313 Beverages		...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco		...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	...	...	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		...	...	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		...	...	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

CHINA (HONG KONG SAR)

<p><b>Supplier of information:</b> Census and Statistics Department, Hong Kong SAR.</p> <p><b>Basic source of data:</b> Annual survey.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b> For establishments that do not have data available for the calendar year, data may be supplied for any 12 month period between 1 January of the reference year and 31 March of the following year.</p> <p><b>Scope:</b> All establishments listed in a comprehensive and up-to-date register maintained by the Census and Statistics Department.</p> <p><b>Method of enumeration:</b> Establishments are sampled. Questionnaires are mailed to establishments in the sample for completion. Staff of the Census and Statistics Department visit these establishments to collect completed questionnaires or to assist with their completion.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> <u>Wages and salaries</u> excludes payments in kind and includes severance and termination pay. <u>Value added</u> is total value added.</p> <p><b>Related national publications:</b> Report on the Survey of Industrial Production (annual); Hong Kong Monthly Digest of Statistics; Hong Kong Annual Digest of Statistics, all published by the Census and Statistics Department, Hong Kong SAR.</p>
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## China (Hong Kong SAR)

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million DOLLARS)			
		1995	1996	1997	1998		1995	1996	1997	1998a/		1995	1996	1997	1998
311/2 Food products		703	689	710	642		17.8	18.2	17.7	18.1		2047	2349	2426	2759
3111 Slaughtering, preparing & preserving meat		108	104	140	122		2.0	2.1	2.1	2.6		225	283	286	397
3112 Dairy products		11	7	12	13		1.5	1.5	1.5	1.6		227	237	252	333
3113 Canning, preserving of fruits & vegetables		13	10	12	5		0.3	0.2	0.3	0.2		...	26	33	30
3114 Canning, preserving and processing of fish		123	108	77	79		1.2	1.0	0.7	0.9		182	173	161	184
3115 Vegetable and animal oils and fats		3	4	5	3		0.4	0.4	0.5	0.4		44	48	64	...
3116 Grain mill products		41	24	19	25		0.4	0.4	0.3	0.7		39	56	29	106
3117 Bakery products		241	227	284	245		5.4	5.9	5.1	5.4		614	732	671	710
3118 Sugar factories and refineries		1	1	1	1		0.2	0.2	...	0.2		...	...	...	...
3119 Cocoa, chocolate and sugar confectionery		10	12	15	14		0.6	0.2	0.3	0.5		62	26	42	...
3121 Other food products		141	187	135	129		5.8	6.2	6.7	5.7		635	726	849	839
3122 Prepared animal feeds		11	3	10	6		0.1	0.1	...	0.1		19	...	...	17
313 Beverages		21	19	19	19		4.3	4.1	3.9	3.8		739	764	823	936
3131 Distilling, rectifying and blending spirits		3	2	1	4		-	-	-	-		2	...	...	...
3132 Wine industries		-	-	-	-		-	-	-	-		-	-	-	-
3133 Malt liquors and malt		3	3	4	4		0.9	0.7	...	0.7		166	...	...	...
3134 Soft drinks and carbonated waters		15	14	14	11		3.4	3.3	3.1	3.1		571	604	634	725
314 Tobacco		5	5	4	5		1.2	1.1	1.1	0.8		237	245	281	347
321 Textiles		2926	2657	2589	2433		49.2	43.8	38.0	40.9		5838	5327	5285	5319
3211 Spinning, weaving and finishing textiles		1398	1013	968	869		21.8	18.1	16.1b/	14.7b/		2779	2470b/	2338b/	2187b/
3212 Made-up textile goods excl. wearing apparel		400	415	365	340		1.8	1.2	1.0	1.2		180	153	105	98
3213 Knitting mills		1032	1169	1194	1163	b/	24.8	23.8	19.8	24.6	b/	2776	2514	2660	2987
3214 Carpets and rugs		7	8	6	6		0.1	0.1	0.1	0.1		9	11	9	11
3215 Cordage, rope and twine		56	29	31	33		0.1	0.1	0.1	0.1		15	9	8	12
3219 Other textiles		33	23	25	22		0.5	0.5	0.5	0.2		72	73	96	23
322 Wearing apparel, except footwear		3200	2893	2472	2073		78.0	62.9	49.5	34.7		8079	6764	5230	3842
323 Leather and fur products		99	80	61	92		0.8	0.6	0.4	0.6		116	78	69	67
3231 Tanneries and leather finishing		17	19	19	20		0.3	0.2	0.2	0.1		39	31	24	11
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	-	-
3233 Leather prods. excl. wearing apparel		82	61	42	72		0.5	0.4	0.2	0.4		77	47	45	56
324 Footwear, except rubber or plastic		76	75	75	...		0.3	0.2	0.2	...		22	17	16	...
331 Wood products, except furniture		381	302	328	289		1.0	0.9	0.8	1.1		123	105	113	98
3311 Sawmills, planing and other wood mills		43	37	64	36		0.4	0.4	0.4	0.3		54	48	66	40
3312 Wooden and cane containers		154	148	140	126		0.2b/	0.3	0.2b/	0.3b/		21b/	32	30b/	16b/
3319 Other wood and cork products		184	116	124	127		0.4	0.2	...	0.5b/		45	24	1b/	42b/
332 Furniture and fixtures, excl. metal		358	269	321	271		0.7	0.4	0.5	0.8		77	65	74	68
341 Paper and products		957	913	866	706		7.4	6.6	6.1	4.8		983	904	950	671
3411 Pulp, paper and paperboard articles		104	61	39	12		1.5	1.5	1.1	0.3		205	195	186	62
3412 Containers of paper and paperboard		650	591	559	434		3.9	3.4	3.5	2.3		512	485	544	310
3419 Other pulp, paper and paperboard articles		203	261	258	260		1.9	1.7	1.5	2.2		266	224	220	298
342 Printing and publishing		4546	4635	4966	4759		41.3	40.2	38.8	41.9		6850	7205	7868	8055
351 Industrial chemicals		174	158	149	120		1.6	1.5	1.4	1.9	c/	938	942	999	1088
3511 Basic chemicals excl. fertilizers		63	64	51	53		0.7	0.7	0.8	1.2		152	179	242	356
3512 Fertilizers and pesticides		1	1	2	1		-	0.1	...	0.1		...	...	...	...
3513 Synthetic resins and plastic materials		110	93	96	66		0.9	0.7	0.6	0.5		152	156	130	141
352 Other chemicals		355	357	358	344		4.1	3.9	3.7	4.0	c/	...	...	...	...
3521 Paints, varnishes and lacquers		14	8	13	11		0.6	0.3	0.3	0.2		111	63	57	...
3522 Drugs and medicines		194	213	206	180		2.1	2.0	2.3	2.1		256	275	297	290
3523 Soap, cleaning preps., perfumes, cosmetics		89	77	78	95		0.7	0.6	0.6	0.7		95	101	110	109
3529 Other chemical products		58	59	61	58		0.7b/	0.9	0.5b/	1.1		123b/	114b/	105b/	191
353 Petroleum refineries		1	-	-	-	d/	0.1	0.1	0.1	0.1		25d/	35d/	42d/	...

354 Misc. petroleum and coal products	4	4	4	3	d/	...	...	...	...		...d/	...d/	...d/	...
355 Rubber products	70	72	71	59		0.3	0.4	0.4	0.5		38	48	48	62
3551 Tyres and tubes	10	10	10	8		0.1	0.2	0.2	0.2		23	31	32	39
3559 Other rubber products	59	62	61	51		0.2	0.2	0.2	0.3		15	17	16	23
356 Plastic products	1653	1552	1538	1203		9.6	9.2	7.9	7.8		1220	1190	1064	1028
361 Pottery, china, earthenware	16	14	19	18		...	0.1	...	...		...	5	...	...
362 Glass and products	21	33	40	26		0.4	0.4	0.6	0.4		77	69	96	67
369 Other non-metallic mineral products	183	155	167	177		3.3b/	3.1	3.3b/	3.7b/	b/	579	202	650	854
3691 Structural clay products	2	1	2	1		0.1	0.1	...	...		...	...	...	...
3692 Cement, lime and plaster	13	9	11	12		1.9	1.8	1.8	2.3		370	...	428	633
3699 Other non-metallic mineral products	168	145	154	164		1.4	1.2	1.5	1.3		209	202	222	221
371 Iron and steel	36	43	40	35		0.8	0.8	0.6	0.6		148	166	124	140
372 Non-ferrous metals	77	64	71	62		1.3	1.2	1.2	1.0		224	231	240	225
381 Fabricated metal products	3319	3011	2807	2304		19.0	15.7	12.8	11.8		2501	2165	1815	...
3811 Cutlery, hand tools and general hardware	93	62	67	68		0.8b/	0.8	0.4	0.2		8b/	108	36	13
3812 Furniture and fixtures primarily of metal	84	84	75	46		0.6	0.5	0.5	0.2		74	79	82	34
3813 Structural metal products	806	711	644	557		2.6	2.2	2.0	2.2		393	381	305	272
3819 Other fabricated metal products	2336	2154	2021	1633		14.7b/	12.1	9.8b/	9.1b/	b/	1909	1581	1384	1129
382 Non-electrical machinery	3849	3599	3231	2826		26.6	22.8	22.5	18.4		3784	3449	3752	2888
3821 Engines and turbines	19	47	90	43		0.3	0.4	0.3	0.4		51	62	64	74
3822 Agricultural machinery and equipment	3	5	3	2		0.2	0.1	0.1	...		21	16	17	...
3823 Metal and wood working machinery	114	144	123	115		0.2	0.2	0.1	0.3		31	38	11	24
3824 Other special industrial machinery	914	1045	920	973		5.6	4.6	4.1	4.9		821	710	687	716
3825 Office, computing and accounting machinery	186	162	199	184		12.8	10.7	9.9	4.7		1777	1630	1676	868
3829 Other non-electrical machinery & equipment	2613	2196	1896	1509		7.5	6.7	8.0	8.1		1083	992	1297	1206
383 Electrical machinery	828	831	693	596		31.9	30.2	25.2	22.7		4289	4385	3959	4158
3831 Electrical industrial machinery	264	169	150	121		2.8	2.6	2.4	2.2		498	499	502	544
3832 Radio, television and communication equipm.	266	273	246	258		21.4	20.1	16.9	15.8		2875	2945	2615	2925
3833 Electrical appliances and housewares	126	124	125	86		1.5	1.5	1.4	1.0		185	189	221	193
3839 Other electrical apparatus and supplies	172	265	172	131		6.1	6.0	4.5	3.7		731	751	621	495
384 Transport equipment	534	537	518	...		11.4	10.0	9.2	...		2269	2078	2156	...
3841 Shipbuilding and repairing	370	386	385	310		4.7	3.8	3.3	3.8		844	692	650	669
3842 Railroad equipment	-	-	-	-		-	-	-	-		-	-	-	-
3843 Motor vehicles	135	135	118	81		1.1	1.0	0.6	1.2		157	119	92	212
3844 Motorcycles and bicycles	2	1	-	1		0.2	-	-	-		...	...	...	...
3845 Aircraft	2	2	3	4		5.2	5.0	5.2	5.3		...	...	1397	...
3849 Other transport equipment	24	13	12	12		0.3	0.2	0.1	0.1		44	34	18	13
385 Professional and scientific equipment	804	674	623	518		12.9	10.6	9.0	7.0		1590	1376	1389	1169
3851 Prof. and scientific equipment n.e.c.	17	19	72	10		0.2	0.1	0.4	0.4		20	...	61	...
3852 Photographic and optical goods	85	49	73	53		4.3	3.8	3.5	2.7		494	479	570	652
3853 Watches and clocks	702	606	478	455		8.4	6.7	5.0	3.9		1076	871b/	757	517
390 Other manufacturing industries	2406	2224	2200	2342		13.7	13.3	11.9	14.1		1886	1784	1691	1839
3901 Jewellery and related articles	1092	969	931	838		7.7	7.8	6.9	6.2		1197	1137	1035	935
3902 Musical instruments	1	1	1	3		...	...	...	...		...	...	...	...
3903 Sporting and athletic goods	12	16	18	14		0.2	0.2	0.2	0.2		25	35	35	30
3909 Manufacturing industries, n.e.c.	1301	1238	1250	1487		5.7b/	5.3	4.7b/	7.7b/	b/	652	612	618	874
3 Total manufacturing	27599	25859	24925	22431		339.5	302.2	267.1	251.7		44679	42354	41177	40058

a/ Number of persons engaged.

b/ Data are incomplete due to confidentiality rules.

c/ 351 includes 352.

d/ 353 includes 354.

## China (Hong Kong SAR)

ISIC Revision 2 ISIC Industry	Output in producers' prices					Value added in producers' prices					Gross fixed capital formation		
	Note	(million DOLLARS)				Note	(million DOLLARS)				Note	(million DOLLARS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
311/2 Food products		13255	14605	13141	14244		4917	5733	4826	5035		959	1474
3111 Slaughtering, preparing & preserving meat		1327	1642	1566	2250		359	448	471	555		6	419
3112 Dairy products		1195	1263	1327	1395		516	613	673	726		-25	79
3113 Canning, preserving of fruits & vegetables		...	126	144	114		...	43	51	47		-1	3
3114 Canning, preserving and processing of fish		2565	3403	1643	1679		999	1523	505	567		14	-193
3115 Vegetable and animal oils and fats		672	841	1101	...		120	137	147	...		14	...
3116 Grain mill products		369	260	130	1129		80	50	37	177		-	5
3117 Bakery products		2900	3321	2985	2697		1131	1292	1226	1201		31	28
3118 Sugar factories and refineries		...	...	...	...		...	...	...	...		...	...
3119 Cocoa, chocolate and sugar confectionery		345	136	225	...		132	40	59	...		16	...
3121 Other food products		3499	3411	3730	3671		1466	1533	1527	1571		898	1119
3122 Prepared animal feeds		...	...	...	74		29	...	...	24		...	...
313 Beverages		4776	4775	4640	4364		1989	1983	1865	1705		183	116
3131 Distilling, rectifying and blending spirits		17	...	...	...		3	...	...	...		...	...
3132 Wine industries		...	...	...	...		...	...	...	...		...	...
3133 Malt liquors and malt		1199	...	...	...		453	...	...	...		...	...
3134 Soft drinks and carbonated waters		3333	3513	3574	3383		1306	1352	1418	1391		129	102
314 Tobacco		4599	4655	3874	2530		2072	2151	1620	1331		45	-77
321 Textiles		41273	37333	38598	31510		10179	9470	9316	8713		474	327
3211 Spinning, weaving and finishing textiles		18483	16329a/	15138a/	11346a/		4704	4165a/	3848a/	3168a/	a/	184	31
3212 Made-up textile goods excl. wearing apparel		1073	823	528	439		325	315	230	167	a/	12	-1
3213 Knitting mills	a/	21066	19069	22023	19537	a/	4982	4662	4948	5308	a/	247	296
3214 Carpets and rugs		29	35	25	33		8	11	10	11		-	-
3215 Cordage, rope and twine		132	73	51	67		30	17	14	27		1	1
3219 Other textiles		472	459	467	88		118	131	180	32		28	-
322 Wearing apparel, except footwear		44749	41530	36104	26942		12342	11085	9142	6449		230	128
323 Leather and fur products		913	600	571	314		208	147	144	85		5	4
3231 Tanneries and leather finishing		441	338	296	127		71	51	41	12		3	2
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...
3233 Leather prods. excl. wearing apparel		472	262	274	187		137	96	103	73		2	2
324 Footwear, except rubber or plastic		70	60	55	...		31	25	24	...		-	...
331 Wood products, except furniture		955	735	755	590		240	185	190	144		9	1
3311 Sawmills, planing and other wood mills		550	462	539	358		120	90	103	66		9	-
3312 Wooden and cane containers		101a/	130	119a/	66a/	a/	40	51	49	25		...	-
3319 Other wood and cork products		296	143	3a/	166a/		77	44	1a/	53a/		...	1a/
332 Furniture and fixtures, excl. metal		325	291	297	258		115	111	126	102		2	1
341 Paper and products		7399	6346	5933	3678		1825	1723	1656	937		186	44
3411 Pulp, paper and paperboard articles		1746	1645	1383	326		382	340	356	40		72	-11
3412 Containers of paper and paperboard		3691	3512	3490	2080		965	993	1010	534		94	23
3419 Other pulp, paper and paperboard articles		1962	1189	1060	1272		478	390	290	363		20	32
342 Printing and publishing		26882	30771	33843	30479		10041	11452	13398	11475		2097	1214
351 Industrial chemicals	b/	8966	9133	7622	7047	b/	1902	2266	2081	2457	b/	64	82
3511 Basic chemicals excl. fertilizers		820	2231	1131	1704		439	479	411	671		52	23
3512 Fertilizers and pesticides		...	...	...	...		...	...	...	...		...	...
3513 Synthetic resins and plastic materials		4107	2956	2707	2200		137	326	270	294		11	25
352 Other chemicals	b/	...	...	...	...	b/	...	...	...	...	b/	...	...
3521 Paints, varnishes and lacquers		531	250	207	...		205	113	101	...		-1	...
3522 Drugs and medicines		1573	1719	1657	1375		536	696	705	517		23	48
3523 Soap, cleaning preps., perfumes, cosmetics		707	730	799	622		269	289	277	673		8	-34
3529 Other chemical products		991a/	994a/	837a/	1147		230a/	267a/	216a/	301		-33a/	19
353 Petroleum refineries		275c/	303c/	291c/	...		123c/	117c/	118c/	...		3c/	...

354 Misc. petroleum and coal products		...c/	...c/	...c/	...		...c/	...c/	...c/	...		...c/	...
355 Rubber products		189	247	248	250		75	96	92	104		3	3
3551 Tyres and tubes		110	151	150	148		49	63	62	61		2	2
3559 Other rubber products		79	96	98	102		26	33	30	42		1	1
356 Plastic products		8253	6831	6425	4194		2380	2280	2250	1708		265	169
361 Pottery, china, earthenware		...	20	...	...		...	8	...	...		...	...
362 Glass and products		476	362	410	353		222	219	222	175		5	-1
369 Other non-metallic mineral products	a/	7422	1052	9059	9403	a/	1724	414	2503	2718	a/	339	613
3691 Structural clay products		...	...	...	...		...	...	...	...		...	...
3692 Cement, lime and plaster		6312	...	7893	8263		1321	...	2046	2398		299	602
3699 Other non-metallic mineral products		1110	1052	1166	1140		403	414	458	320		40	10
371 Iron and steel		1575	1736	608	1031		453	348	244	273		-48	69
372 Non-ferrous metals		4836	4724	6346	5133		562	465	544	355		240	43
381 Fabricated metal products		18728	12566	10019	...		4411	3670	3101	...		238	...
3811 Cutlery, hand tools and general hardware		1154a/	1078	335	107		484a/	388	156	31		118	3
3812 Furniture and fixtures primarily of metal		343	291	354	144		100	102	117	47		5	1
3813 Structural metal products		1745	1737	1424	1084		614	526	463	444		41	35
3819 Other fabricated metal products	a/	15372	9423	7879	4981	a/	3183	2639	2356	1494	a/	73	40
382 Non-electrical machinery		34216	31841	26840	24286		8171	7968	7846	7688		1643	677
3821 Engines and turbines		349	397	354	315		117	142	114	145		20	30
3822 Agricultural machinery and equipment		167	205	296	...		64	101	151	...		13	...
3823 Metal and wood working machinery		201	149	65	68		59	52	20	29		-	2
3824 Other special industrial machinery		4025	3267	2630	2593		1195	1148	1084	966		62	80
3825 Office, computing and accounting machinery		24453	23104	18216	14055		4622	4565	3997	4108		1393	436
3829 Other non-electrical machinery & equipment		5022	4719	5278	7255		2112	1960	2480	2439		155	129
383 Electrical machinery		33896	34790	29928	29442		11739	11123	10420	9184		2338	2369
3831 Electrical industrial machinery		3112	3574	3801	3412		904	1092	1066	1314		-196	247
3832 Radio, television and communication equipm.		23581	24320	20425	22653		9064	8357	7602	6829		2022	2020
3833 Electrical appliances and housewares		1832	1715	1735	911		373	376	544	385		45	37
3839 Other electrical apparatus and supplies		5371	5180	3967	2466		1397	1297	1208	657		75	66
384 Transport equipment		5615	4882	5333	...		3491	3033	3334	...		1187	...
3841 Shipbuilding and repairing		2539	1839	1789	1582		1284	945	892	763		-194	12
3842 Railroad equipment		-	-	-	-		-	-	-	-		-	-
3843 Motor vehicles	a/	554	470	386	866	a/	252	172	127	339		-3	156
3844 Motorcycles and bicycles		...	...	-	...		...	...	...	...		...	...
3845 Aircraft		...	...	2875	...		...	...	2140	...		...	...
3849 Other transport equipment		69	54	283	129		56	43	176	72		1384	-
385 Professional and scientific equipment		19161	13449	11130	10475		3246	2612	2572	2089		84	68
3851 Prof. and scientific equipment n.e.c.		278	...	215	...		68	...	83	...		4	...
3852 Photographic and optical goods		4605	3880	3948	5037		940	928	1125	1165		67	73
3853 Watches and clocks		14278	9342a/	6967	5438		2238	1618a/	1364	924		13	-5
390 Other manufacturing industries		12306	12230	12124	10939		3029	3059	2756	3001		172	153
3901 Jewellery and related articles		8210	8345	8488	6549		1727	1840	1626	1399		40	48
3902 Musical instruments		...	...	...	...		...	...	...	...		...	...
3903 Sporting and athletic goods		211	223	233	200		44	60	56	46		7	-
3909 Manufacturing industries, n.e.c.	a/	3885	3661	3382	4091	a/	1229	1158	1068	1557	a/	125	106
3 Total manufacturing		301250	283172	264285	230548		85512	83592	80423	70849		10692	8917

a/ Data are incomplete due to confidentiality rules.

b/ 351 includes 352.

c/ 353 includes 354.

## China (Hong Kong SAR)

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products	a/	76	86	89	100	104	109	112	114	113	112	112	101
313 Beverages	a/	...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco	a/	...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles		99	97	102	100	105	109	101	101	97	91	93	83
322 Wearing apparel, except footwear		101	101	102	100	97	98	100	100	101	97	94	88
323 Leather and fur products	b/	105	109	101	100	95	93	85	81	78	79	...	...
324 Footwear, except rubber or plastic	b/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture	c/	104	109	101	100	95	93	85	81	78	79	...	...
332 Furniture and fixtures, excl. metal	c/	...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		69	84	92	100	111	130	146	150	150	146	149	137
342 Printing and publishing		69	84	92	100	110	129	146	150	150	145	148	...
351 Industrial chemicals	d/	119	116	106	100	94	90	81	74	70	70	71	62
352 Other chemicals	d/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		118	115	106	100	94	90	81	74	70	70	...	...
356 Plastic products		139	133	115	100	92	85	71	58	49	47	45	36
361 Pottery, china, earthenware	e/	119	115	106	100	94	90	81	74	70	70	...	...
362 Glass and products	e/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	e/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	f/	102	122	111	100	98	93	85	84	83	75	71	64
372 Non-ferrous metals	f/	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		105	126	113	100	99	94	86	85	82	73	70	57
382 Non-electrical machinery		103	122	112	100	98	94	85	84	83	75	...	...
383 Electrical machinery		84	97	99	100	103	105	107	111	121	114	112	104
384 Transport equipment		105	109	101	100	95	93	85	81	78	79	...	...
385 Professional and scientific equipment		85	97	99	100	103	105	107	111	121	114	...	...
390 Other manufacturing industries		105	110	101	100	95	93	85	81	77	79	81	71
3 Total manufacturing		97	104	102	100	101	102	101	100	100	95	...	...

a/ 311/2 includes 313 and 314.

b/ 323 includes 324.

c/ 331 includes 332.

d/ 351 includes 352.

e/ 361 includes 362 and 369.

f/ 371 includes 372.

**CHINA (MACAO SAR)**

**Supplier of information:**

Direcção de Serviços de Estatística e Censos, Macao SAR.

**Basic source of data:**

Annual industrial census.

**Major deviations from ISIC (Revision 3):**

None reported.

**Reference period (if not calendar year):**

**Scope:**

All legal establishments.

**Method of enumeration:**

The inquiry is carried out through field interviews by enumerators, mail returns and through respondents' personal delivery of questionnaires.

**Adjusted for non-response:**

No.

**Concepts and definitions of variables:**

Number of employees is the average of the quarterly numbers.

**Related national publications:**

Inquerito Industrial (annual), published by the Direcção de Serviços de Estatística e Censos, Macao SAR.



## China (Macao SAR)

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand PATACAS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
15 Food and beverages		...	...	134	166		...	...	1133	1124		...	...	71399	74321
16 Tobacco products		...	...	4	3		...	...	105	94		...	...	6740	6248
17 Textiles		...	...	140	134		...	...	5912	5812		...	...	322902	325476
18 Wearing apparel, fur		...	...	408	441		...	...	23710	25275		...	...	1206309	1230910
19 Leather, leather products and footwear		...	...	15	13		...	...	899	774		...	...	35644	32156
20 Wood products (excl. furniture)		...	...	18	17		...	...	51	42		...	...	2657	2254
21 Paper and paper products		...	...	34	27		...	...	166	136		...	...	8266	6881
22 Printing and publishing		...	...	100	112		...	...	1247	1312		...	...	97374	97800
23 Coke, refined petroleum products, nuclear fuel		...	...	-	-		...	...	-	-		...	...	-	-
24 Chemicals and chemical products		...	...	14	10		...	...	190	144		...	...	17806	15501
25 Rubber and plastics products		...	...	14	12		...	...	80	78		...	...	4029	4043
26 Non-metallic mineral products		...	...	22	23		...	...	465	440		...	...	39739	36484
27 Basic metals		...	...	-	-		...	...	-	-		...	...	-	-
28 Fabricated metal products		...	...	179	171		...	...	382	380		...	...	22180	25088
29 Machinery and equipment n.e.c.		...	...	60	59		...	...	153	139		...	...	9750	7647
30 Office, accounting and computing machinery		...	...	3	3		...	...	569	557		...	...	33256	33531
31 Electrical machinery and apparatus		...	...	18	19		...	...	622	539		...	...	34011	33407
32 Radio, television and communication equipment		...	...	...	...		...	...	...	...		...	...	...	...
33 Medical, precision and optical instruments		...	...	4	5		...	...	28	41		...	...	906	1666
34 Motor vehicles, trailers, semi-trailers		...	...	-	-		...	...	-	-		...	...	-	-
35 Other transport equipment		...	...	14	13		...	...	216	173		...	...	23553	19868
36 Furniture; manufacturing n.e.c.		...	...	158	153		...	...	1722	1536		...	...	73858	71654
37 Recycling		...	...	...	...		...	...	...	...		...	...	...	...
D Total manufacturing		...	...	1339	1381		...	...	37650	38597		...	...	2010376	2024936

## China (Macao SAR)

ISIC Revision 3	Output in producers' prices					Value added in producers' prices					Gross fixed capital formation			
	ISIC Industry	Note	(thousand PATACAS)				Note	(thousand PATACAS)				(thousand PATACAS)		
			1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
15	Food and beverages		...	...	264792	267383		...	...	114421	116187		5169	17238
16	Tobacco products		...	...	106229	105880		...	...	18181	17642		-	18360
17	Textiles		...	...	2907512	2923606		...	...	606921	584770		143125	72368
18	Wearing apparel, fur		...	...	8606843	8302118		...	...	2161448	2215902		171047	187597
19	Leather, leather products and footwear		...	...	245601	245529		...	...	59397	57411		1004	1257
20	Wood products (excl. furniture)		...	...	7224	6377		...	...	2745	2763		3	32
21	Paper and paper products		...	...	40842	33783		...	...	13371	10275		151	65
22	Printing and publishing		...	...	292651	285818		...	...	104164	109394		140012	10741
23	Coke, refined petroleum products, nuclear fuel		...	...	-	-		...	...	-	-		-	-
24	Chemicals and chemical products		...	...	135880	102699		...	...	34365	44482		2402	16701
25	Rubber and plastics products		...	...	26260	24396		...	...	6488	6103		300	170
26	Non-metallic mineral products		...	...	507979	333073		...	...	92801	98611		2100	4391
27	Basic metals		...	...	-	-		...	...	-	-		-	-
28	Fabricated metal products		...	...	87700	106259		...	...	39699	46591		1491	900
29	Machinery and equipment n.e.c.		...	...	37005	30212		...	...	24749	15874		45488	1704
30	Office, accounting and computing machinery		...	...	106903	97270		...	...	54455	53675		18828	4537
31	Electrical machinery and apparatus		...	...	246658	266896		...	...	67418	77035		8638	8774
32	Radio, television and communication equipment		...	...	...	...		...	...	...	...		...	...
33	Medical, precision and optical instruments		...	...	10358	5536		...	...	4082	1409		8095	2347
34	Motor vehicles, trailers, semi-trailers		...	...	-	-		...	...	-	-		-	-
35	Other transport equipment		...	...	60082	29952		...	...	33468	14403		2029	445
36	Furniture; manufacturing n.e.c.		...	...	410175	397917		...	...	111695	110368		10087	9312
37	Recycling		...	...	...	...		...	...	...	...		...	...
D	Total manufacturing		...	...	14100695	13564703		...	...	3549868	3582895		559969	356940

## China (Macao SAR)

ISIC Revision 3		Index numbers of industrial production											
		(1990=100)											
ISIC Industry	Note	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15	Food and beverages	...	...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles	...	...	...	...	...	...	...	...	...	...	...	...
18	Wearing apparel, fur	...	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products	...	...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products	...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
27	Basic metals	...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products	...	...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	...	...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	...	...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	...	...	...	...	...	...	...	...	...	...

## COLOMBIA

<p><b>Supplier of information:</b> Departamento Administrativo Nacional de Estadística, Bogotá. The index numbers of industrial production are compiled by the Banco de la República.</p> <p><b>Basic source of data:</b> Annual manufacturing survey.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Establishments with 10 or more persons engaged.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of employees</u> is as of the pay period that includes 15 November of the reference year. Persons on strike are excluded. <u>Wages and salaries</u> excludes employers' contributions to social insurance, welfare funds and other similar schemes unless otherwise indicated. <u>Output</u> includes revenues from goods shipped in the same condition as received. <u>Gross fixed capital formation</u> is net of depreciation. The revaluation of fixed assets over the year is taken into account.</p> <p><b>Related national publications:</b> Encuesta anual manufacturera; Boletín Mensual de Estadística (la Industria Manufacturera); Anuario General de Estadística, Tomo IV; Informe al Congreso Nacional (annual), all published by the Departamento Administrativo Nacional de Estadística, Bogotá.</p>
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## Colombia

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million PESOS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
311/2 Food products		1347	1435	1499	1574		105301	100818	103528	104024		323211	382949	457404	570411
3111 Slaughtering, preparing & preserving meat		112	115	124	122		11553	10837	12605	12191		28002	32740	45505	56785
3112 Dairy products		112	121	119	124		13953	12844	12797	14897		45409	63155	63640	87998
3113 Canning, preserving of fruits & vegetables		46	51	58	64		2224	3342	4155	3534		5575	12217	17361	16508
3114 Canning, preserving and processing of fish		15	15	17	17		1500	1543	1450	1137		4358	4155	6109	7137
3115 Vegetable and animal oils and fats		61	62	57	58		9404	9500	8918	9255		32375	38463	47641	55438
3116 Grain mill products		297	283	276	274		13117	12662	12267	11588		33573	39762	47816	57287
3117 Bakery products		370	422	472	523		19145	18947	19185	20097		48834	59544	62048	87824
3118 Sugar factories and refineries		30	31	32	33		12291	8962	9776	9137		45246	42789	60085	66195
3119 Cocoa, chocolate and sugar confectionery		67	72	75	74		5618	5588	6327	5639		16979	23578	28944	35228
3121 Other food products		168	189	199	212		12137	12290	11797	12240		47946	47804	56094	72740
3122 Prepared animal feeds		69	74	70	73		4359	4303	4251	4309		14912	18741	22160	27272
313 Beverages		141	142	141	141		23544	21583	20454	19933		95957	116199	128738	157378
3131 Distilling, rectifying and blending spirits		33	32	31	30		4511	4014	3570	3093		14477	18855	19675	20653
3132 Wine industries		22	22	23	21		748	674	768	520		1875	2076	2697	1873
3133 Malt liquors and malt		22	22	22	22		7378	7039	7222	7531		38169	46588	55555	71259
3134 Soft drinks and carbonated waters		64	66	65	68		10907	9856	8894	8789		41436	48679	50812	63593
314 Tobacco		10	9	9	9		1496	1240	1220	1200		5029	5037	6206	7711
321 Textiles		468	465	466	493		59450	56816	54297	56192		167176	198708	213972	268949
3211 Spinning, weaving and finishing textiles		198	200	185	190		35831	33663	30624	29925		112671	131284	134088	160700
3212 Made-up textile goods excl. wearing apparel		41	49	62	67		2856	2990	3366	3430		5969	7022	11054	11845
3213 Knitting mills		181	172	172	192		17811	17183	18096	20743		37775	47543	58784	83457
3214 Carpets and rugs		16	15	15	14		1126	1091	636	595		3721	4207	2409	2697
3215 Cordage, rope and twine		8	10	9	8		402	651	571	534		902	2122	2482	2793
3219 Other textiles		24	19	23	22		1424	1238	1004	965		6137	6530	5154	7457
322 Wearing apparel, except footwear		901	944	941	942		66424	66649	62276	59888		127585	141532	167060	186193
323 Leather and fur products		111	118	120	126		7735	7030	6492	5759		18803	18812	19757	22322
3231 Tanneries and leather finishing		31	38	40	44		3187	2901	2762	2444		9568	9168	9220	10744
3232 Fur dressing and dyeing industries		8	10	7	9		504	539	537	595		1212	1367	1401	1930
3233 Leather prods. excl. wearing apparel		72	70	73	73		4044	3590	3193	2720		8023	8278	9136	9648
324 Footwear, except rubber or plastic		250	254	269	282		14071	11985	10945	11032		29535	28359	30762	36818
331 Wood products, except furniture		186	196	211	209		7545	7435	6893	6617		19482	23055	26227	29775
3311 Sawmills, planing and other wood mills		146	155	167	167		6388	6387	5767	5305		17154	20615	23378	25392
3312 Wooden and cane containers		...a/	5	7	6		...a/	107	134	111		...a/	248	342	333
3319 Other wood and cork products		40a/	36	37	36		1157a/	941	992	1201		2328a/	2192	2507	4049
332 Furniture and fixtures, excl. metal		262	270	287	271		11125	9585	9034	8295		21788	23280	26281	28220
341 Paper and products		163	170	186	190		14873	14931	14729	15345		71053	86398	101171	120159
3411 Pulp, paper and paperboard articles		32	33	34	31		6361	5705	5816	6488		37238	43707	51959	62158
3412 Containers of paper and paperboard		85	93	102	108		5198	5862	5794	5971		19524	25623	29546	36319
3419 Other pulp, paper and paperboard articles		46	44	50	51		3314	3364	3119	2886		14290	17068	19666	21682
342 Printing and publishing		413	434	453	463		28464	29244	27930	27062		84674	126284	134608	155420
351 Industrial chemicals		163	177	170	171		14822	14021	12478	11176		84745	94427	103602	117884
3511 Basic chemicals excl. fertilizers		103	114	111	113		5020	5805	4624	4304		19819	28627	27073	35111
3512 Fertilizers and pesticides		30	31	33	35		4247	3558	3468	3001		30107	31409	38172	40864
3513 Synthetic resins and plastic materials		30	32	26	23		5555	4658	4386	3871		34819	34392	38358	41909
352 Other chemicals		358	356	373	381		38117	38948	37902	36756		193419	224587	260066	305818
3521 Paints, varnishes and lacquers		34	32	42	39		3006	2955	3240	3306		11844	13680	20099	27853
3522 Drugs and medicines		130	132	134	135		16740	17132	16668	15488		101593	120499	136920	148603
3523 Soap, cleaning preps., perfumes, cosmetics		81	81	87	94		11243	11512	10734	11959		49934	57873	68034	87131
3529 Other chemical products		113	111	110	113		7128	7349	7260	6003		30048	32534	35013	42231
353 Petroleum refineries		6	6	7	7		6301	6090	5952	6124		48725	51189	61260	65371

354 Misc. petroleum and coal products	34	40	41	45	1487	1589	1597	1407	6873	10234	8634	9806
355 Rubber products	91	93	104	104	7012	6770	6391	6251	31787	35454	38478	46082
3551 Tyres and tubes	25	26	25	26	3626	3515	3007	2894	23241	26055	27009	32247
3559 Other rubber products	66	67	79	78	3386	3255	3384	3357	8546	9399	11469	13836
356 Plastic products	404	428	478	484	24035	25641	27184	28701	70959	91646	121910	153062
361 Pottery, china, earthenware	15	13	14	12	6366	6073	5340	5681	22545	25884	27335	36147
362 Glass and products	75	82	77	69	7169	7445	6600	6259	28012	33350	37505	42865
369 Other non-metallic mineral products	330	365	379	378	23257	23833	22296	21400	79356	93576	105147	124073
3691 Structural clay products	103	113	125	117	7264	7683	7212	6255	16679	21405	23934	22920
3692 Cement, lime and plaster	29	30	31	32	6431	6328	5512	5216	29724	34117	36971	46659
3699 Other non-metallic mineral products	198	222	223	229	9562	9822	9572	9929	32953	38054	44242	54494
371 Iron and steel	81	86	83	81	9041	9176	8149	8585	34730	43478	52687	63841
372 Non-ferrous metals	41	42	43	42	2447	2263	2018	1797	9394	10434	10985	12121
381 Fabricated metal products	600	664	699	709	32621	32561	31963	29487	89787	105101	135643	144503
3811 Cutlery, hand tools and general hardware	37	37	37	36	4912	4955	4846	4698	16342	19611	25112	29195
3812 Furniture and fixtures primarily of metal	143	160	167	165	5287	5244	5099	4893	10445	12526	14680	16609
3813 Structural metal products	171	199	206	220	7604	7979	8208	7420	20273	25965	35458	37134
3819 Other fabricated metal products	249	268	289	288	14818	14383	13810	12476	42727	46999	60393	61565
382 Non-electrical machinery	349	374	382	391	20086	20863	19047	19401	55779	68923	77315	95113
3821 Engines and turbines	...b/	...b/	...c/	...c/	...b/	...b/	...c/	...c/	...b/	...b/	...c/	...c/
3822 Agricultural machinery and equipment	34	39	37c/	37c/	1039	905	1096c/	1035c/	2941	2277	4483c/	4508c/
3823 Metal and wood working machinery	25	27	25	27	636	700	526	535	1735	2436	2239	2797
3824 Other special industrial machinery	69	73	71	68	2596	2602	2352	2195	6711	8627	9131	10547
3825 Office, computing and accounting machinery	12	10	10	10	415	369	330	323	1237	1183	1473	1542
3829 Other non-electrical machinery & equipment	209b/	225b/	239	249	15400b/	16287b/	14743	15313	43155b/	54400b/	59991	75718
383 Electrical machinery	205	209	210	205	19801	19998	18493	16318	68249	79712	92563	101484
3831 Electrical industrial machinery	79	82	81	80	5206	5943	5419	5497	22059	26391	31582	38054
3832 Radio, television and communication equipm.	31	33	36	35	4682	4844	4334	3251	11622	16013	17520	17109
3833 Electrical appliances and housewares	9	9	6	6	921	862	478	450	2911	3264	2447	2517
3839 Other electrical apparatus and supplies	86	85	87	84	8992	8349	8262	7120	31658	34044	41013	43805
384 Transport equipment	253	274	265	266	21595	20562	17979	18305	82543	91638	99124	113536
3841 Shipbuilding and repairing	9	9	7	7	603	701	676	612	1655	2370	2853	3111
3842 Railroad equipment	d/	d/	d/	d/	d/	d/	d/	d/	d/	d/	d/	d/
3843 Motor vehicles	202	217	217	210	16589	15108	13781	13750	62705	67133	76281	85918
3844 Motorcycles and bicycles	28	30	28	36	2891	2991	2322	2709	7722	9365	10355	13946
3845 Aircraft	5	9	7	7	1352	1550	1097	1135	10202	11931	9387	10292
3849 Other transport equipment	d/	9	6	6	d/	150	212	103	d/	259	840	249
385 Professional and scientific equipment	63	67	65	64	3655	3847	3656	3555	11029	13582	16312	19073
3851 Prof. and scientific equipment n.e.c.	51	56	54	54	3209	3324	3157	3188	9883	11948	14347	17188
3852 Photographic and optical goods	12	11	11	10	446	523	499	367	1145	1634	1954	1885
3853 Watches and clocks	e/	e/	e/	e/	e/	e/	e/	e/	e/	e/	e/	e/
390 Other manufacturing industries	168	196	202	212	8965	9293	9476	8930	26834	33529	35133	37811
3901 Jewellery and related articles	18	21	22	20	1240	1252	1066	1139	3338	4328	4394	5108
3902 Musical instruments	5	4	4	4	117	65	65	66	194	132	191	227
3903 Sporting and athletic goods	6	8	7	9	268	342	288	269	463	786	745	958
3909 Manufacturing industries, n.e.c.	139	163	169	179	7340	7634	8057	7456	22839	28282	29803	31517
3 Total manufacturing	7488	7909	8174	8321	586805	576289	554319	545480	1909059	2257356	2595885	3071945

a/ 3319 includes 3312.  
b/ 3829 includes 3821.  
c/ 3822 includes 3821.  
d/ 3849 includes 3842.  
e/ 3852 includes 3853.

## Colombia

ISIC Revision 2 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(billion PESOS)				Note	(billion PESOS)				Note	(million PESOS)	
		1994	1995	1996	1997		1994	1995	1996	1997		1996	1997
311/2 Food products		6300.9	7682.3	9362.3	11133.0		2147.6	2690.6	3215.3	3650.0		61697	89571
3111 Slaughtering, preparing & preserving meat		404.8	537.4	801.8	946.5		126.5	168.4	252.0	303.3		8765	11009
3112 Dairy products		761.4	1109.8	1395.4	1690.3		232.2	372.0	504.1	618.2		9698	3532
3113 Canning, preserving of fruits & vegetables		60.9	155.7	244.3	242.6		26.8	98.6	139.0	110.2		9830	-27393
3114 Canning, preserving and processing of fish		81.4	138.0	176.4	246.3		20.3	59.6	50.5	73.1		3951	-2479
3115 Vegetable and animal oils and fats		580.2	766.4	824.3	896.3		163.6	252.6	257.2	289.6		-12002	-12144
3116 Grain mill products		1554.3	1642.1	1905.4	2661.1		443.4	395.6	414.7	481.6		-2661	19190
3117 Bakery products		463.0	571.5	624.7	702.5		203.5	257.6	283.0	342.9		3484	25737
3118 Sugar factories and refineries		696.9	846.1	1021.2	1104.0		316.9	399.2	491.2	540.2		-20638	26208
3119 Cocoa, chocolate and sugar confectionery		290.5	350.0	492.0	529.8		148.8	162.9	251.0	274.1		12259	11285
3121 Other food products		788.3	846.1	919.9	1102.0		368.7	378.9	407.3	474.7		47215	39340
3122 Prepared animal feeds		619.2	719.3	957.0	1011.4		96.8	145.2	165.1	142.0		1795	-4715
313 Beverages		1636.6	2023.0	2485.9	3165.4		992.2	1301.7	1593.7	2044.1		225190	59225
3131 Distilling, rectifying and blending spirits		227.3	318.7	326.6	328.8		135.5	213.1	195.4	179.6		-12330	-7597
3132 Wine industries		22.7	25.9	27.6	26.7		8.2	12.0	12.0	12.5		-430	-508
3133 Malt liquors and malt		763.0	946.6	1233.0	1530.6		463.9	631.1	850.2	1047.7		202096	28248
3134 Soft drinks and carbonated waters		623.7	731.8	898.7	1279.3		384.5	445.4	536.1	804.3		35854	39081
314 Tobacco		101.7	102.5	137.2	156.3		60.6	63.3	77.4	85.9		-3341	-1963
321 Textiles		1537.5	1796.2	2107.3	2244.2		712.5	866.0	1061.2	1131.7		-78789	-98572
3211 Spinning, weaving and finishing textiles		1084.3	1231.5	1397.5	1404.3		525.3	624.8	739.8	728.1		-66916	-85599
3212 Made-up textile goods excl. wearing apparel		41.5	56.3	82.2	87.2		18.8	28.9	37.7	42.5		1896	-977
3213 Knitting mills		293.4	388.5	506.1	624.7		120.9	160.7	236.0	304.8		-4753	-9701
3214 Carpets and rugs		38.8	38.2	21.3	20.2		16.6	15.3	8.7	9.4		-7938	-769
3215 Cordage, rope and twine		6.7	17.6	19.0	20.7		2.7	8.7	8.9	9.9		-2385	-847
3219 Other textiles		72.7	64.1	81.2	87.1		28.1	27.7	30.2	37.1		1305	-680
322 Wearing apparel, except footwear		802.0	915.7	1098.9	1264.4		372.7	446.1	553.7	632.2		-16678	-9066
323 Leather and fur products		194.0	212.9	207.8	223.3		57.6	73.6	82.1	97.8		-769	-1786
3231 Tanneries and leather finishing		130.0	139.7	127.0	135.2		31.4	40.5	41.5	52.6		-1220	661
3232 Fur dressing and dyeing industries		13.8	15.5	18.2	23.0		4.7	5.4	6.6	10.6		880	-1822
3233 Leather prods. excl. wearing apparel		50.2	57.7	62.5	65.1		21.5	27.7	34.0	34.6		-428	-625
324 Footwear, except rubber or plastic		252.3	251.4	275.5	325.2		98.8	113.5	125.0	155.8		-2658	-5107
331 Wood products, except furniture		200.3	215.6	246.5	285.2		84.1	79.1	110.6	129.0		13538	-15165
3311 Sawmills, planing and other wood mills		186.1	201.2	228.3	255.8		77.0	72.9	102.7	114.3		13360	-15329
3312 Wooden and cane containers		... a/	2.1	2.8	2.9		... a/	0.7	1.0	1.0		-115	-105
3319 Other wood and cork products		14.3a/	12.3	15.4	26.5		7.0a/	5.6	6.9	13.7		294	269
332 Furniture and fixtures, excl. metal		132.4	134.3	153.2	165.6		64.0	68.2	79.1	85.8		1742	-6251
341 Paper and products		1064.4	1447.5	1581.7	1649.0		429.6	623.4	676.9	645.3		-131011	-199813
3411 Pulp, paper and paperboard articles		538.5	781.6	821.0	792.8		209.4	357.5	359.6	292.0		-125460	-187442
3412 Containers of paper and paperboard		303.3	389.0	413.9	471.7		113.7	147.2	152.6	170.8		-960	-7322
3419 Other pulp, paper and paperboard articles		222.5	276.8	346.8	384.6		106.5	118.8	164.8	182.4		-4592	-5049
342 Printing and publishing		680.0	968.3	1086.9	1292.1		368.5	508.7	600.2	748.6		-16808	-4356
351 Industrial chemicals		1470.4	1942.0	1980.7	2170.3		593.0	792.6	771.3	895.8		-34241	-25619
3511 Basic chemicals excl. fertilizers		316.6	431.8	394.1	447.6		183.4	257.4	201.5	259.0		10187	9738
3512 Fertilizers and pesticides		512.9	626.0	785.9	818.3		165.9	228.4	312.9	325.0		-20052	-8710
3513 Synthetic resins and plastic materials		641.0	884.2	800.7	904.4		243.7	306.8	256.9	311.8		-24376	-26646
352 Other chemicals		1972.0	2553.0	2937.8	3719.8		1077.9	1426.2	1662.6	2127.5		17777	-1394
3521 Paints, varnishes and lacquers		190.9	238.1	309.4	429.7		68.3	91.4	124.2	187.8		8048	-9378
3522 Drugs and medicines		763.7	1023.2	1191.2	1380.5		459.0	622.9	743.1	861.6		8999	15641
3523 Soap, cleaning preps., perfumes, cosmetics		718.0	956.2	1089.7	1509.4		399.7	527.2	624.9	897.6		-2289	-234
3529 Other chemical products		299.3	335.5	347.6	400.1		150.8	184.7	170.4	180.6		3018	-7423
353 Petroleum refineries		782.2	1496.1	1989.7	2483.6		259.7	608.1	908.2	964.4		143986	50879

354 Misc. petroleum and coal products	165.7	222.9	255.8	287.5	64.3	97.2	97.6	139.0	7824	8574
355 Rubber products	342.8	349.5	400.8	405.7	182.7	155.5	194.0	200.2	-15501	-24264
3551 Tyres and tubes	276.1	273.1	313.4	294.3	150.6	119.0	151.4	144.8	-16157	-24587
3559 Other rubber products	66.7	76.4	87.5	111.4	32.1	36.5	42.5	55.4	656	324
356 Plastic products	814.6	1069.4	1346.7	1711.0	353.9	437.7	603.8	775.5	-16780	-64069
361 Pottery, china, earthenware	182.3	193.7	207.2	291.9	117.0	120.3	129.4	192.3	-2592	-5284
362 Glass and products	250.1	310.7	349.7	444.6	147.0	183.8	195.8	262.8	36998	-16565
369 Other non-metallic mineral products	1155.4	1340.9	1416.6	1839.4	609.4	721.2	787.7	1086.4	-16094	-35584
3691 Structural clay products	110.5	147.2	131.5	113.5	70.1	92.1	83.4	74.1	2749	-6395
3692 Cement, lime and plaster	553.2	654.5	753.8	1048.8	316.6	397.5	456.3	683.6	-7736	-17546
3699 Other non-metallic mineral products	491.7	539.2	531.3	677.1	222.7	231.6	248.0	328.7	-11107	-11643
371 Iron and steel	588.5	758.8	767.5	917.6	235.4	319.7	300.3	382.3	-29327	-22785
372 Non-ferrous metals	132.9	160.6	169.2	183.8	46.4	51.2	49.9	71.4	-2467	238
381 Fabricated metal products	803.9	988.3	1212.1	1334.6	362.2	460.5	597.5	645.5	2781	-1260
3811 Cutlery, hand tools and general hardware	125.8	165.8	188.9	224.1	73.1	112.1	129.3	152.7	-4413	2099
3812 Furniture and fixtures primarily of metal	75.5	77.5	86.0	103.8	32.1	38.3	42.3	47.0	-324	-95.1
3813 Structural metal products	170.8	244.4	356.7	314.3	73.5	113.0	192.0	146.1	6786	3602
3819 Other fabricated metal products	431.8	500.6	580.5	692.4	183.4	197.1	233.8	299.8	732	-6010
382 Non-electrical machinery	464.6	563.1	620.3	764.4	206.4	260.0	286.8	362.1	6797	338
3821 Engines and turbines	...b/	...b/	...c/	...c/	...b/	...b/	...c/	...c/	c/	c/
3822 Agricultural machinery and equipment	17.4	11.6	23.6c/	22.3c/	8.7	5.7	13.6c/	12.9c/	518	-115
3823 Metal and wood working machinery	10.2	12.5	9.8	9.3	4.2	6.1	5.6	5.6	-108	-105
3824 Other special industrial machinery	41.4	53.2	52.9	56.8	19.8	25.8	27.7	29.1	-1663	-536
3825 Office, computing and accounting machinery	6.5	7.6	8.2	9.0	3.3	3.8	3.9	4.4	591	6
3829 Other non-electrical machinery & equipment	389.1b/	478.2b/	525.7	666.9	170.4b/	218.6b/	236.0	310.1	7459	1088
383 Electrical machinery	627.5	728.1	835.9	942.9	260.4	348.5	394.5	450.4	-11448	-17283
3831 Electrical industrial machinery	147.9	189.3	253.0	241.3	64.6	80.3	104.7	107.3	409	783
3832 Radio, television and communication equipm.	114.7	144.6	127.2	140.6	48.2	81.4	70.7	68.3	-3918	-1478
3833 Electrical appliances and housewares	39.0	35.3	35.6	41.9	15.0	13.7	14.9	18.0	1952	383
3839 Other electrical apparatus and supplies	325.9	358.8	420.0	519.1	132.7	173.0	204.1	256.9	-9891	-16971
384 Transport equipment	1421.1	1590.4	1632.7	2186.6	367.8	462.8	485.6	794.8	-2529	5738
3841 Shipbuilding and repairing	7.9	13.6	22.1	21.4	3.8	10.0	17.7	17.0	-9	-50
3842 Railroad equipment	d/	d/	d/	d/	d/	d/	d/	d/	d/	d/
3843 Motor vehicles	1221.1	1260.2	1297.3	1792.3	325.1	349.9	363.6	656.0	-2388	10838
3844 Motorcycles and bicycles	160.8	217.9	222.0	275.7	26.2	44.6	54.3	65.4	1397	422
3845 Aircraft	29.2	94.0	89.4	95.5	11.8	56.1	49.6	55.8	-1491	-5494
3849 Other transport equipment	d/	d/	d/	d/	d/	d/	d/	d/	d/	d/
385 Professional and scientific equipment	96.9	128.6	163.5	218.0	53.9	72.2	86.7	131.5	-1296	-552
3851 Prof. and scientific equipment n.e.c.	91.5	121.2	153.2	204.9	50.7	67.5	79.8	123.0	-1802	-618
3852 Photographic and optical goods	e/	e/	e/	e/	e/	e/	e/	e/	e/	e/
3853 Watches and clocks	5.4	7.4	10.3	13.1	3.2	4.7	6.9	8.5	506	65
390 Other manufacturing industries	200.7	240.7	255.1	273.4	118.4	141.0	151.7	161.8	4714	-3905
3901 Jewellery and related articles	24.1	29.4	26.0	24.9	13.4	15.4	15.5	16.1	1292	-2249
3902 Musical instruments	0.9	0.5	0.8	0.9	0.5	0.3	0.4	0.5	1	-1
3903 Sporting and athletic goods	2.6	8.8	8.7	11.3	1.1	4.2	3.8	6.9	111	-294
3909 Manufacturing industries, n.e.c.	173.1	201.9	219.6	236.2	103.4	121.2	132.0	138.2	3310	-1360
3 Total manufacturing	24373.4	30386.2	35284.6	42079.0	10443.8	13492.6	15878.8	19049.9	140713	-346080

a/ 3319 includes 3312.  
b/ 3829 includes 3821.  
c/ 3822 includes 3821.  
d/ 3849 includes 3842.  
e/ 3852 includes 3853.



## Colombia

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products		90	90	90	100	98	111	105	103	106	110	110	112
313 Beverages		100	97	98	100	100	95	101	109	118	109	111	109
314 Tobacco		115	107	101	100	116	97	85	70	59	67	64	65
321 Textiles		109	103	97	100	100	107	106	108	113	116	115	111
322 Wearing apparel, except footwear		71	84	94	100	97	101	95	78	77	81	91	132
323 Leather and fur products		76	81	85	100	109	105	97	91	77	58	67	67
324 Footwear, except rubber or plastic		98	100	107	100	122	124	119	115	104	84	82	82
331 Wood products, except furniture		75	82	94	100	96	95	107	117	102	74	70	63
332 Furniture and fixtures, excl. metal		90	113	107	100	94	104	121	149	154	77	87	80
341 Paper and products		76	78	89	100	112	122	113	122	133	120	119	129
342 Printing and publishing		105	118	105	100	104	105	114	132	121	116	121	123
351 Industrial chemicals		95	99	98	100	104	101	102	104	113	103	100	94
352 Other chemicals		83	87	93	100	101	109	114	119	121	113	120	119
353 Petroleum refineries		99	95	98	100	102	90	91	97	98	118	116	111
354 Misc. petroleum and coal products		101	111	109	100	92	96	95	110	116	108	109	99
355 Rubber products		86	99	95	100	104	112	111	100	85	73	63	55
356 Plastic products		103	96	91	100	99	115	128	148	143	144	150	151
361 Pottery, china, earthenware		95	104	102	100	111	124	141	157	156	155	178	172
362 Glass and products		85	93	93	100	99	97	101	106	110	100	112	97
369 Other non-metallic mineral products		102	102	104	100	111	116	128	136	138	122	114	105
371 Iron and steel		91	99	100	100	98	111	113	130	132	127	146	132
372 Non-ferrous metals		102	99	82	100	99	108	106	110	115	102	103	101
381 Fabricated metal products		89	101	88	100	91	100	114	125	134	131	140	129
382 Non-electrical machinery		60	65	69	100	101	116	130	142	143	116	120	108
383 Electrical machinery		104	112	107	100	91	106	114	120	111	106	122	108
384 Transport equipment		98	117	109	100	84	100	142	158	159	145	156	143
385 Professional and scientific equipment		100	113	102	100	106	88	85	89	118	139	142	144
390 Other manufacturing industries		108	109	112	100	103	106	120	121	117	112	115	101
3 Total manufacturing		94	97	96	100	100	106	110	114	117	112	115	113

## COSTA RICA

<p><b>Supplier of information:</b> Departamento de Contabilidad Social, Banco Central de Costa Rica, San José.</p> <p><b>Basic source of data:</b> Data collection of the Banco Central de Costa Rica.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Number of establishments, number of employees and wages and salaries relate to enterprises registered under the social security scheme while other variables refer to all enterprises.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> Figures for <u>wages and salaries</u> were computed by UNIDO from the reported monthly averages. <u>Output</u> is gross output and is derived from national accounts estimates. <u>Value added</u> is total value added. <u>Output</u> and <u>value added</u> are net of indirect taxes.</p> <p><b>Related national publications:</b></p>
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## Costa Rica

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million COLONES)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		1232	1273	1331	1235		38132	39084	39613	43192		28007.3	32658.4	38057.7	49839.6
3111 Slaughtering, preparing & preserving meat		86	87	111	99		6479	6159	5928	5812		4645.7	5544.0	5848.7	6555.1
3112 Dairy products		42	48	54	50		3951	3896	3685	3671		3688.0	4029.8	3620.7	5974.2
3113 Canning, preserving of fruits & vegetables		105	107	101	98		4248	5149	4589	5734		3676.0	3183.2	3842.5	5602.1
3114 Canning, preserving and processing of fish		18	27	27	32		1734	1988	2765	3464		999.1	1224.8	1992.5	3016.3
3115 Vegetable and animal oils and fats		6	8	10	12		1004	1126	1192	3131		1032.8	1307.2	1695.4	3200.2
3116 Grain mill products		167	159	149	141		6125	6298	5850	5187		3982.3	5577.5	5581.1	6515.6
3117 Bakery products		555	565	598	542		6875	6934	7387	7889		3860.4	4491.7	5900.3	8556.9
3118 Sugar factories and refineries		20	20	22	17		2775	3037	3220	3476		2005.7	3275.0	3054.4	4010.1
3119 Cocoa, chocolate and sugar confectionery		27	29	31	31		1423	1242	1139	997		1126.2	1057.7	1158.8	1018.2
3121 Other food products		164	185	190	173		2989	2735	3335	3094		2684.8	2603.5	4880.9	4636.6
3122 Prepared animal feeds		42	38	38	40		529	520	523	737		306.3	364.0	482.3	754.2
313 Beverages		49	49	52	45		3397	4739	4155	3992		3263.4	5721.1	4753.0	7470.3
3131 Distilling, rectifying and blending spirits		6	5	5	6		406	472	314	317		406.2	439.8	450.2	542.9
3132 Wine industries		2	1	2	2		16	14	38	15		6.7	6.8	32.3	10.5
3133 Malt liquors and malt		3	4	3	3		270	1593	861	1698		238.1	2397.8	1004.3	3454.3
3134 Soft drinks and carbonated waters		38	39	42	34		2705	2660	2942	1962		2612.4	2876.8	3266.2	3462.5
314 Tobacco		5	6	12	12		544	522	605	576		907.2	969.8	1562.5	1395.8
321 Textiles		187	149	150	134		10362	4972	7771	7647		6065.9	7502.5	6108.6	7641.2
3211 Spinning, weaving and finishing textiles		35	31	32	29		2283	1763	1410	4170		1668.7	3761.1	1273.2	4160.6
3212 Made-up textile goods excl. wearing apparel		55	48	43	43		723	507	647	770		402.0	1482.2	491.1	666.4
3213 Knitting mills		70	54	53	44		6494	2454	2618	2122		3583.7	312.4	2124.8	2085.1
3214 Carpets and rugs		10	6	6	5		90	49	40	22		48.0	1743.2	45.9	21.9
3215 Cordage, rope and twine		3	4	5	4		99	157	180	154		63.6	21.4	202.5	234.0
3219 Other textiles		14	6	11	9		673	42	2876	409		299.9	182.3	1971.0	473.3
322 Wearing apparel, except footwear		529	513	481	434		36796	35088	32944	34377		30705.4	22116.2	25413.3	31919.2
323 Leather and fur products		66	70	79	70		1548	1782	2088	1625		878.7	1108.7	1745.1	1588.9
3231 Tanneries and leather finishing		13	10	10	12		727	712	693	768		531.2	639.1	766.6	954.6
3232 Fur dressing and dyeing industries		4	4	4	2		12	9	42	4		4.5	4.0	25.9	1.0
3233 Leather prods. excl. wearing apparel		49	56	65	56		809	1061	1353	853		343.0	465.7	952.6	633.3
324 Footwear, except rubber or plastic		99	88	86	81		1709	1851	1501	1283		860.3	1181.8	1139.5	1086.9
331 Wood products, except furniture		322	333	336	336		4531	4526	4579	4862		2318.0	2691.0	3118.4	4061.0
3311 Sawmills, planing and other wood mills		238	242	247	253		3916	3680	3913	4107		2039.8	2197.1	2717.1	3453.2
3312 Wooden and cane containers		5	6	5	3		24	32	40	25		11.6	15.6	35.8	18.1
3319 Other wood and cork products		79	85	84	80		591	814	626	730		266.5	478.3	365.5	589.7
332 Furniture and fixtures, excl. metal		501	481	477	435		2645	2512	2664	2638		1161.1	1289.8	1538.8	1954.7
341 Paper and products		51	59	59	54		2893	3410	3882	3006		3240.7	4030.6	5719.0	5417.9
3411 Pulp, paper and paperboard articles		8	8	7	8		84	77	75	208		45.9	50.5	65.8	218.5
3412 Containers of paper and paperboard		22	25	26	24		1860	2282	2630	2005		2182.5	2708.0	4069.1	3549.5
3419 Other pulp, paper and paperboard articles		21	26	26	22		949	1051	1177	793		1012.2	1272.1	1584.1	1649.8
342 Printing and publishing		377	398	417	410		5029	4927	4843	4782		4352.8	4916.9	5159.1	6647.4
351 Industrial chemicals		49	50	58	58		1869	1541	2132	1998		1794.4	1696.9	3349.5	3156.1
3511 Basic chemicals excl. fertilizers		14	14	15	15		187	260	266	220		164.1	282.6	337.1	350.5
3512 Fertilizers and pesticides		17	17	19	22		1461	1053	1103	1490		1428.9	1164.4	1625.8	2369.0
3513 Synthetic resins and plastic materials		18	19	24	21		221	228	763	288		201.4	249.9	1386.6	436.6
352 Other chemicals		171	177	186	161		5223	4710	5291	4959		5199.7	5272.2	7999.9	7981.5
3521 Paints, varnishes and lacquers		35	34	33	29		941	669	824	862		1032.9	609.2	1291.4	1467.8
3522 Drugs and medicines		42	47	43	41		1153	1550	1659	1811		1385.8	2163.7	3074.1	3367.8
3523 Soap, cleaning preps., perfumes, cosmetics		44	47	49	37		1943	1450	1687	1207		1740.2	1427.8	2128.3	1494.9
3529 Other chemical products		50	49	61	54		1186	1041	1121	1079		1040.9	1071.5	1506.1	1650.9
353 Petroleum refineries		3	1	1	1		2340	1379	497	537		3928.8	3338.1	660.4	1499.7

354 Misc. petroleum and coal products	1	3	5	5	7	11	24	27	4.3	6.9	13.0	19.3
355 Rubber products	60	61	61	60	4306	2784	2840	3141	2884.7	2737.1	3433.4	4594.4
3551 Tyres and tubes	30	30	35	35	1257	1257	1331	1422	1238.3	1346.1	1880.9	2335.6
3559 Other rubber products	30	31	26	25	3049	1527	1509	1719	1646.5	1391.0	1552.5	2258.9
356 Plastic products	111	104	105	99	6193	6046	5935	5680	6247.6	5239.8	6631.5	7239.6
361 Pottery, china, earthenware	38	41	38	33	779	729	800	790	532.3	457.0	733.9	839.6
362 Glass and products	41	41	42	34	779	884	866	733	519.9	554.2	785.8	843.6
369 Other non-metallic mineral products	192	193	184	176	3542	3391	3256	3385	2767.2	3591.7	3652.3	4996.9
3691 Structural clay products	31	33	31	31	269	295	296	269	144.4	176.7	205.4	231.1
3692 Cement, lime and plaster	49	47	50	43	987	755	683	942	907.2	955.3	1031.2	1601.1
3699 Other non-metallic mineral products	112	113	103	102	2286	2341	2277	2174	1715.5	2459.7	2415.7	3164.7
371 Iron and steel	35	35	41	38	670	730	664	878	516.8	640.0	669.9	1177.7
372 Non-ferrous metals	6	9	9	9	315	345	363	426	253.7	298.4	447.1	604.9
381 Fabricated metal products	388	392	415	393	5366	4793	5500	5095	3422.4	3573.3	4976.6	5242.0
3811 Cutlery, hand tools and general hardware	18	17	27	30	381	374	471	463	209.0	259.1	365.5	437.1
3812 Furniture and fixtures primarily of metal	61	62	65	61	946	854	999	963	499.9	494.5	745.0	834.2
3813 Structural metal products	211	209	219	196	1496	1374	1886	1491	831.2	936.5	1498.2	1276.4
3819 Other fabricated metal products	98	104	104	106	2543	2191	2144	2178	1882.3	1883.2	2367.8	2694.3
382 Non-electrical machinery	167	192	242	229	2789	2765	3156	5632	2542.3	2226.3	3231.5	9374.3
3821 Engines and turbines	20	16	31	29	153	115	289	241	79.0	69.0	207.6	212.2
3822 Agricultural machinery and equipment	25	26	32	29	518	522	589	543	367.4	378.2	573.5	602.8
3823 Metal and wood working machinery	15	15	23	23	75	85	146	79	38.2	47.2	109.6	59.3
3824 Other special industrial machinery	46	55	57	49	372	487	377	344	373.5	392.7	281.0	321.7
3825 Office, computing and accounting machinery	17	21	26	31	181	196	321	2829	88.7	98.7	641.7	6385.8
3829 Other non-electrical machinery & equipment	44	59	73	68	1490	1360	1434	1596	1595.6	1240.5	1418.1	1792.4
383 Electrical machinery	108	116	146	138	9896	9288	9632	8172	7366.1	7701.8	9960.2	10868.1
3831 Electrical industrial machinery	32	34	46	42	2404	2724	2804	1640	1793.8	2161.2	3383.8	2358.6
3832 Radio, television and communication equipm.	24	29	32	31	2570	1855	1777	1796	2242.6	1602.6	1958.3	2633.6
3833 Electrical appliances and housewares	10	9	12	10	2440	2180	2430	2417	1421.0	1557.9	1662.7	2463.8
3839 Other electrical apparatus and supplies	42	44	56	55	2482	2529	2621	2319	1908.6	2380.0	2955.4	3412.0
384 Transport equipment	213	240	291	279	1952	2291	3054	2771	1611.3	2220.6	3482.3	2977.1
3841 Shipbuilding and repairing	16	18	22	20	198	224	229	232	126.7	152.4	208.2	244.4
3842 Railroad equipment	-	-	-	-	-	-	-	-	375.2	-	-	-
3843 Motor vehicles	171	194	241	233	819	1086	1183	2213	25.9	659.8	766.0	2483.1
3844 Motorcycles and bicycles	13	16	18	18	61	134	80	180	921.0	88.6	49.2	144.7
3845 Aircraft	5	5	3	2	735	724	1439	16	69.4	1256.0	2375.3	11.4
3849 Other transport equipment	8	7	7	6	139	123	123	130	93.1	63.8	83.7	93.5
385 Professional and scientific equipment	47	48	69	66	366	569	756	722	231.6	467.8	770.2	653.2
3851 Prof. and scientific equipment n.e.c.	17	15	19	17	104	81	219	56	93.1	163.4	296.9	47.8
3852 Photographic and optical goods	30	32	49	49	262	317	418	666	138.5	204.5	386.2	605.4
3853 Watches and clocks	-	1	1	-	-	171	119	-	-	99.9	87.2	-
390 Other manufacturing industries	129	120	130	123	2064	3156	3114	2728	1357.1	1826.0	2668.6	2472.0
3901 Jewellery and related articles	39	40	43	43	473	548	479	515	265.1	349.4	379.5	532.7
3902 Musical instruments	3	3	3	3	11	11	9	12	3.9	3.0	3.7	6.4
3903 Sporting and athletic goods	16	16	12	10	327	1419	1022	1042	135.2	568.5	643.1	710.2
3909 Manufacturing industries, n.e.c.	71	61	72	67	1253	1178	1604	1159	952.9	905.2	1642.3	1222.7
3 Total manufacturing	5177	5242	5503	5148	156042	148825	152525	155654	122940.9	126034.9	147780.8	183563.1

## Costa Rica

ISIC Revision 2	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(million COLONES)				Note	(million COLONES)				Note	(million COLONES)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
ISIC Industry													
311/2 Food products		366672	387189	371986	...		83707	90498	91065	...		...	...
3111 Slaughtering, preparing & preserving meat		30154	33005	35361	...		5446	5960	6472	...		...	...
3112 Dairy products		63023	72671	87934	...		12310	14195	17408	...		...	...
3113 Canning, preserving of fruits & vegetables		11886	15060	18532	...		3408	4318	5385	...		...	...
3114 Canning, preserving and processing of fish		7133	8376	12052	...		1243	1459	2128	...		...	...
3115 Vegetable and animal oils and fats		24269	30934	32532	...		5512	7026	7489	...		...	...
3116 Grain mill products		114559	82961	28607	...		21481	15601	5520	...		...	...
3117 Bakery products		58366	72621	78701	...		18627	23176	25455	...		...	...
3118 Sugar factories and refineries		22134	26278	29632	...		8663	10285	11754	...		...	...
3119 Cocoa, chocolate and sugar confectionery		9768	11158	12117	...		2759	3152	3469	...		...	...
3121 Other food products		8075	8446	10273	...		2270	2374	2926	...		...	...
3122 Prepared animal feeds		17305	25679	26245	...		1990	2953	3059	...		...	...
313 Beverages		68586	84895	98747	...		34784	43101	50898	...		...	...
3131 Distilling, rectifying and blending spirits		3209	4059	5751	...		2096	2651	3806	...		...	...
3132 Wine industries		45	56	67	...		21	26	31	...		...	...
3133 Malt liquors and malt		26479	32985	37413	...		15304	19065	21916	...		...	...
3134 Soft drinks and carbonated waters		38852	47795	55516	...		17363	21360	25145	...		...	...
314 Tobacco		10532	12512	14950	...		6368	7566	9162	...		...	...
321 Textiles		14288	15607	17103	...		4631	5039	5590	...		...	...
3211 Spinning, weaving and finishing textiles		8143	9154	10082	...		2546	2862	3195	...		...	...
3212 Made-up textile goods excl. wearing apparel		102	127	151	...		28	35	43	...		...	...
3213 Knitting mills		1590	1512	1577	...		628	597	631	...		...	...
3214 Carpets and rugs		-	-	-	...		-	-	-	...		...	...
3215 Cordage, rope and twine		4454	4814	5293	...		1429	1544	1721	...		...	...
3219 Other textiles		...	...	...	...		...	...	...	...		...	...
322 Wearing apparel, except footwear		23920	25402	33060	...		8964	9519	12556	...		...	...
323 Leather and fur products		2311	2734	3152	...		849	881	1176	...		...	...
3231 Tanneries and leather finishing		1654	1966	2207	...		582	692	787	...		...	...
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...
3233 Leather prods. excl. wearing apparel		657	768	945	...		267	190	389	...		...	...
324 Footwear, except rubber or plastic		4721	3623	3449	...		1801	1382	787	...		...	...
331 Wood products, except furniture		9711	9311	11630	...		3943	3782	4788	...		...	...
3311 Sawmills, planing and other wood mills		8864	8403	10594	...		3621	3433	4386	...		...	...
3312 Wooden and cane containers		573	548	663	...		206	197	242	...		...	...
3319 Other wood and cork products		274	360	373	...		116	152	160	...		...	...
332 Furniture and fixtures, excl. metal		10340	11338	10096	...		3146	3449	3113	...		...	...
341 Paper and products		40868	43695	55980	...		9856	10589	13722	...		...	...
3411 Pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...
3412 Containers of paper and paperboard		35396	37355	48116	...		8040	8484	11076	...		...	...
3419 Other pulp, paper and paperboard articles		5472	6341	7864	...		1817	2105	2646	...		...	...
342 Printing and publishing		26665	29580	36965	...		8891	9862	12491	...		...	...
351 Industrial chemicals		53606	79622	93087	...		12668	18826	22289	...		...	...
3511 Basic chemicals excl. fertilizers		188	225	255	...		112	133	153	...		...	...
3512 Fertilizers and pesticides		51769	77315	90218	...		12293	18360	21713	...		...	...
3513 Synthetic resins and plastic materials		1649	2082	2614	...		263	333	423	...		...	...
352 Other chemicals		62258	58690	69452	...		18226	16848	20226	...		...	...
3521 Paints, varnishes and lacquers		9712	11622	13389	...		2127	2545	2971	...		...	...
3522 Drugs and medicines		23819	14627	17493	...		7576	4652	5639	...		...	...
3523 Soap, cleaning preps., perfumes, cosmetics		21555	24060	28740	...		5922	6610	8003	...		...	...
3529 Other chemical products		7172	8382	9830	...		2601	3040	3613	...		...	...
353 Petroleum refineries		32039	33676	35955	...		8253	8675	9387	...		...	...

354 Misc. petroleum and coal products	50	55	74	...	16	18	24	...	...	...
355 Rubber products	11765	15391	17807	...	3795	4970	5823	...	...	...
3551 Tyres and tubes	8955	11676	13543	...	2557	3334	3919	...	...	...
3559 Other rubber products	2810	3715	4264	...	1238	1636	1904	...	...	...
356 Plastic products	31065	35816	41476	...	10578	12196	14314	...	...	...
361 Pottery, china, earthenware	2244	2573	3098	...	768	881	1075	...	...	...
362 Glass and products	6409	7469	9106	...	2254	2627	3246	...	...	...
369 Other non-metallic mineral products	21665	22158	27326	...	7763	7743	9479	...	...	...
3691 Structural clay products	2276	1372	744	...	1239	747	410	...	...	...
3692 Cement, lime and plaster	6151	6819	8898	...	2111	2341	3095	...	...	...
3699 Other non-metallic mineral products	13239	13967	17684	...	4413	4656	5974	...	...	...
371 Iron and steel	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals	1292	1682	1705	...	299	389	399	...	...	...
381 Fabricated metal products	25434	27385	35389	...	5769	6352	8239	...	...	...
3811 Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...
3812 Furniture and fixtures primarily of metal	2984	3711	4368	...	1287	1601	1910	...	...	...
3813 Structural metal products	2710	3157	4364	...	741	864	1210	...	...	...
3819 Other fabricated metal products	19740	20517	26657	...	3740	3888	5119	...	...	...
382 Non-electrical machinery	11768	12744	18603	...	3805	4124	6014	...	...	...
3821 Engines and turbines	...	...	...	...	...	...	...	...	...	...
3822 Agricultural machinery and equipment	...	...	...	...	...	...	...	...	...	...
3823 Metal and wood working machinery	230	245	345	...	72	77	110	...	...	...
3824 Other special industrial machinery	1411	1563	1492	...	593	657	635	...	...	...
3825 Office, computing and accounting machinery	...	...	...	...	...	...	...	...	...	...
3829 Other non-electrical machinery & equipment	10127	10936	16766	...	3140	3391	5269	...	...	...
383 Electrical machinery	52032	59724	79433	...	12186	13767	18366	...	...	...
3831 Electrical industrial machinery	1304	1227	1381	...	443	417	475	...	...	...
3832 Radio, television and communication equipm.	43452	51556	69999	...	9233	10955	15075	...	...	...
3833 Electrical appliances and housewares	...	...	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	7277	6941	8053	...	2511	2395	2816	...	...	...
384 Transport equipment	5990	5700	6583	...	3162	3182	3750	...	...	...
3841 Shipbuilding and repairing	464	519	550	...	204	228	245	...	...	...
3842 Railroad equipment	-	-	-	...	-	-	-	...	...	...
3843 Motor vehicles	2153	1045	1115	...	909	441	477	...	...	...
3844 Motorcycles and bicycles	...	...	...	...	...	...	...	...	...	...
3845 Aircraft	3373	4136	4918	...	2049	2513	3028	...	...	...
3849 Other transport equipment	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	...	...	...	...	...	...	...	...	...	...
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...	...	...
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	1632	1540	1360	...	614	573	500	...	...	...
3901 Jewellery and related articles	322	219	10	...	138	94	4	...	...	...
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	1310	1321	1350	...	475	479	496	...	...	...
3 Total manufacturing	897860	990112	1097572	...	257093	286838	328479	...	...	...

## Costa Rica

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products		96	96	97	100	109	110	124	122	134	129	131	141
313 Beverages		90	88	92	100	111	115	113	117	118	119	124	136
314 Tobacco		107	108	99	100	104	104	119	122	131	134	138	131
321 Textiles		98	100	100	100	86	82	79	70	61	55	52	58
322 Wearing apparel, except footwear		73	83	93	100	105	131	133	127	131	116	130	137
323 Leather and fur products		97	98	113	100	86	93	101	96	97	104	104	97
324 Footwear, except rubber or plastic		110	115	112	100	91	94	116	105	105	70	61	61
331 Wood products, except furniture		92	95	77	100	92	94	90	100	87	74	80	86
332 Furniture and fixtures, excl. metal		86	90	99	100	84	80	64	61	62	50	42	46
341 Paper and products		74	86	95	100	105	92	92	84	91	94	107	111
342 Printing and publishing		103	104	101	100	97	108	129	130	119	115	119	123
351 Industrial chemicals		56	65	89	100	100	133	103	124	160	188	211	217
352 Other chemicals		99	95	101	100	112	127	155	192	170	136	144	150
353 Petroleum refineries		162	153	156	100	74	122	122	132	168	142	112	118
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		94	97	100	100	89	97	103	121	124	126	134	142
356 Plastic products		99	97	102	100	104	114	132	143	146	151	159	162
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		85	100	100	100	100	108	116	111	106	94	113	116
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		91	89	99	100	94	105	119	122	123	116	138	142
382 Non-electrical machinery		119	110	100	100	101	132	150	164	168	159	229	250
383 Electrical machinery		82	105	95	100	103	143	174	187	182	173	199	203
384 Transport equipment		85	94	83	100	76	77	61	78	70	74	11	12
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		98	88	107	100	86	93	84	106	63	57	55	60
3 Total manufacturing		94	96	98	100	103	111	119	123	127	122	127	134

## CROATIA

<p><b>Supplier of information:</b> Central Bureau of Statistics (CBS) of the Republic of Croatia, Zagreb.</p> <p><b>Basic source of data:</b> The Complex Annual Report of Economic Establishments and the Annual Report on Investment in Fixed Assets. Data on number of establishments are provided by the Register Division.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Data refer to industrial activities of the legal entities.</p> <p><b>Method of enumeration:</b> Questionnaires are distributed by mail.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of establishments</u> is the number as of 31 December of the reference year (whether active or not). <u>Number of employees</u> is the number as of 31 March of the reference year. Figures for <u>wages and salaries</u> were derived from reported monthly wages and salaries per employee. They refer to net wages after subtraction of social insurance contributions, contributions to pension and welfare funds and taxes. In all other respects they conform to the UN concepts and definitions. <u>Gross fixed capital formation</u> refers to investment in industry for new fixed assets during the reference year, regardless of the time of payment.</p> <p><b>Related national publications:</b></p>
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## Croatia

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand KUNAS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats	...	...	605	634	...	...	15521	14356	...	...	1449766a/	1543405a/			
1511 Processing/preserving of meat	...	...	397	408	...	...	7134	6724	...	...	...	...			
1512 Processing/preserving of fish	...	...	47	49	...	...	1480	1357	...	...	...	...			
1513 Processing/preserving of fruit & vegetables	...	...	117	131	...	...	5648	5069	...	...	...	...			
1514 Vegetable and animal oils and fats	...	...	44	46	...	...	1259	1206	...	...	...	...			
1520 Dairy products	...	...	106	113	...	...	3811	4319	...	...	...a/	...a/			
153 Grain mill products; starches; animal feeds	...	...	233	240	...	...	5297	5196	...	...	...a/	...a/			
1531 Grain mill products	...	...	139	141	...	...	3837	3802	...	...	...	...			
1532 Starches and starch products	...	...	1	1	...	...	-	-	...	...	...	...			
1533 Prepared animal feeds	...	...	93	98	...	...	1460	1394	...	...	...	...			
154 Other food products	...	...	780	834	...	...	13769	13367	...	...	...a/	...a/			
1541 Bakery products	...	...	480	522	...	...	7089	6763	...	...	...	...			
1542 Sugar	...	...	13	13	...	...	1386	1331	...	...	...	...			
1543 Cocoa, chocolate and sugar confectionery	...	...	23	27	...	...	3918	3734	...	...	...	...			
1544 Macaroni, noodles & similar products	...	...	87	81	...	...	167	184	...	...	...	...			
1549 Other food products n.e.c.	...	...	177	191	...	...	1229	1355	...	...	...	...			
155 Beverages	...	...	354	362	...	...	7820	7733	...	...	...a/	...a/			
1551 Distilling, rectifying & blending of spirits	...	...	47	50	...	...	1308	1341	...	...	...	...			
1552 Wines	...	...	130	135	...	...	2277	2071	...	...	...	...			
1553 Malt liquors and malt	...	...	44	47	...	...	2117	2147	...	...	...	...			
1554 Soft drinks; mineral waters	...	...	133	130	...	...	2118	2174	...	...	...	...			
1600 Tobacco products	...	...	15	15	...	...	2050	1805	...	...	86371	80640			
171 Spinning, weaving and finishing of textiles	...	...	132	134	...	...	8103	7325	...	...	258068b/	251067b/			
1711 Textile fibre preparation; textile weaving	...	...	106	105	...	...	8065	7301	...	...	...	...			
1712 Finishing of textiles	...	...	26	29	...	...	38	24	...	...	...	...			
172 Other textiles	...	...	297	301	...	...	2969	2917	...	...	...b/	...b/			
1721 Made-up textile articles, except apparel	...	...	180	189	...	...	1417	1692	...	...	...	...			
1722 Carpets and rugs	...	...	10	10	...	...	21	22	...	...	...	...			
1723 Cordage, rope, twine and netting	...	...	12	13	...	...	269	265	...	...	...	...			
1729 Other textiles n.e.c.	...	...	95	89	...	...	1262	938	...	...	...	...			
1730 Knitted and crocheted fabrics and articles	...	...	218	215	...	...	3227	2665	...	...	...b/	...b/			
1810 Wearing apparel, except fur apparel	...	...	1271	1281	...	...	32666	32042	...	...	657559c/	675360c/			
1820 Dressing & dyeing of fur; processing of fur	...	...	5	6	...	...	166	118	...	...	...c/	...c/			
191 Tanning, dressing and processing of leather	...	...	191	191	...	...	2508	2261	...	...	234274d/	237911d/			
1911 Tanning and dressing of leather	...	...	36	38	...	...	1577	1378	...	...	...	...			
1912 Luggage, handbags, etc.; saddlery & harness	...	...	155	153	...	...	931	883	...	...	...	...			
1920 Footwear	...	...	238	252	...	...	10956	10563	...	...	...d/	...d/			
2010 Sawmilling and planing of wood	...	...	673	687	...	...	6336	6683	...	...	280266e/	308714e/			
202 Products of wood, cork, straw, etc.	...	...	867	887	...	...	7492	7429	...	...	...e/	...e/			
2021 Veneer sheets, plywood, particle board, etc.	...	...	27	27	...	...	1484	1407	...	...	...	...			
2022 Builders' carpentry and joinery	...	...	457	481	...	...	4025	4172	...	...	...	...			
2023 Wooden containers	...	...	104	100	...	...	536	488	...	...	...	...			
2029 Other wood products; articles of cork/straw	...	...	279	279	...	...	1447	1362	...	...	...	...			
210 Paper and paper products	...	...	276	284	...	...	5604	6137	...	...	150098	172769			
2101 Pulp, paper and paperboard	...	...	19	22	...	...	1504	1975	...	...	...	...			
2102 Corrugated paper and paperboard	...	...	165	163	...	...	3368	3434	...	...	...	...			
2109 Other articles of paper and paperboard	...	...	92	99	...	...	732	728	...	...	...	...			
221 Publishing	...	...	1163	1220	...	...	5184	5498	...	...	401929f/	470655f/			
2211 Publishing of books and other publications	...	...	559	591	...	...	1263	1461	...	...	...	...			
2212 Publishing of newspapers, journals, etc.	...	...	446	461	...	...	3312	3344	...	...	...	...			
2213 Publishing of recorded media	...	...	95	99	...	...	297	324	...	...	...	...			
2219 Other publishing	...	...	63	69	...	...	312	369	...	...	...	...			

222	Printing and related service activities	1585	1608	7153	7326	...	...	...f/	...f/
2221	Printing	1039	1055	6927	7061	...	...	...	...
2222	Service activities related to printing	546	553	226	265	...	...	...	...
2230	Reproduction of recorded media	43	45	27	27	...	...	...f/	...f/
2310	Coke oven products	...	...	...	...	...	...	...	...
2320	Refined petroleum products	7	7	4965	4413	...	...	177906g/	175443g/
2330	Processing of nuclear fuel	...	...	...	...	...	...	...g/	...g/
241	Basic chemicals	71	73	7093	6272	...	...	654292h/	658359h/
2411	Basic chemicals, except fertilizers	51	52	1372	1294	...	...	...	...
2412	Fertilizers and nitrogen compounds	3	3	3494	3244	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	17	18	2227	1734	...	...	...	...
242	Other chemicals	413	427	11688	10630	...	...	...h/	...h/
2421	Pesticides and other agro-chemical products	8	8	614	520	...	...	...	...
2422	Paints, varnishes, printing ink and mastics	70	74	1631	1511	...	...	...	...
2423	Pharmaceuticals, medicinal chemicals, etc.	33	37	6254	5136	...	...	...	...
2424	Soap, cleaning & cosmetic preparations	182	189	1722	1809	...	...	...	...
2429	Other chemical products n.e.c.	120	119	1467	1654	...	...	...	...
2430	Man-made fibres	2	2	14	5	...	...	...h/	...h/
251	Rubber products	132	143	1105	1218	...	...	193733i/	29846i/
2511	Rubber tyres and tubes	33	33	122	135	...	...	...	...
2519	Other rubber products	99	110	983	1083	...	...	...	...
2520	Plastic products	850	868	7410	7337	...	...	...i/	...i/
2610	Glass and glass products	75	80	2462	2306	...	...	434772j/	462992j/
269	Non-metallic mineral products n.e.c.	674	711	13873	12902	...	...	...j/	...j/
2691	Pottery, china and earthenware	106	107	1373	1223	...	...	...	...
2692	Refractory ceramic products	9	10	71	66	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	107	106	4851	4308	...	...	...	...
2694	Cement, lime and plaster	28	27	2921	2492	...	...	...	...
2695	Articles of concrete, cement and plaster	249	269	2759	2805	...	...	...	...
2696	Cutting, shaping & finishing of stone	151	166	1009	1143	...	...	...	...
2699	Other non-metallic mineral products n.e.c.	24	26	889	864	...	...	...	...
2710	Basic iron and steel	38	38	4149	3630	...	...	213250k/	235598k/
2720	Basic precious and non-ferrous metals	66	64	1764	1593	...	...	...k/	...k/
273	Casting of metals	95	93	4127	4280	...	...	...k/	...k/
2731	Casting of iron and steel	52	48	3072	3183	...	...	...	...
2732	Casting of non-ferrous metals	43	45	1055	1097	...	...	...	...
281	Struct.metal products;tanks;steam generators	757	805	6840	6857	...	...	455151m/	462951m/
2811	Structural metal products	672	715	5319	5443	...	...	...	...
2812	Tanks, reservoirs and containers of metal	39	45	345	293	...	...	...	...
2813	Steam generators	46	45	1176	1121	...	...	...	...
289	Other metal products; metal working services	1973	1967	11909	10576	...	...	...m/	...m/
2891	Metal forging/pressing/stamping/roll-forming	160	165	438	421	...	...	...	...
2892	Treatment & coating of metals	439	447	2989	2315	...	...	...	...
2893	Cutlery, hand tools and general hardware	307	305	2950	2661	...	...	...	...
2899	Other fabricated metal products n.e.c.	1067	1050	5532	5179	...	...	...	...
291	General purpose machinery	373	402	7997	6451	...	...	372362n/	355107n/
2911	Engines & turbines(not for transport equip.)	39	40	2803	2686	...	...	...	...
2912	Pumps, compressors, taps and valves	83	81	1920	1041	...	...	...	...
2913	Bearings, gears, gearing & driving elements	25	25	420	370	...	...	...	...
2914	Ovens, furnaces and furnace burners	15	16	15	22	...	...	...	...
2915	Lifting and handling equipment	45	55	953	902	...	...	...	...
2919	Other general purpose machinery	166	185	1886	1430	...	...	...	...
292	Special purpose machinery	337	344	6266	6921	...	...	...n/	...n/
2921	Agricultural and forestry machinery	72	73	1471	1522	...	...	...	...
2922	Machine tools	118	114	2321	2068	...	...	...	...
2923	Machinery for metallurgy	3	3	36	123	...	...	...	...
2924	Machinery for mining & construction	18	21	14	277	...	...	...	...
2925	Food/beverage/tobacco processing machinery	33	34	915	976	...	...	...	...
2926	Machinery for textile, apparel and leather	23	24	669	553	...	...	...	...
2927	Weapons and ammunition	12	14	183	458	...	...	...	...
2929	Other special purpose machinery	58	61	657	944	...	...	...	...
2930	Domestic appliances n.e.c.	78	74	1593	1313	...	...	...n/	...n/

cont inued

## Croatia

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand KUNAS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		...	...	625	616		...	...	1748	2096		...	...	37190	50027
3110 Electric motors, generators and transformers		...	...	252	246		...	...	3710	3355		...	...	379703p/	396663p/
3120 Electricity distribution & control apparatus		...	...	228	222		...	...	4195	4095		...	...	...p/	...p/
3130 Insulated wire and cable		...	...	15	16		...	...	1072	946		...	...	...p/	...p/
3140 Accumulators, primary cells and batteries		...	...	25	27		...	...	594	562		...	...	...p/	...p/
3150 Lighting equipment and electric lamps		...	...	60	65		...	...	1171	1101		...	...	...p/	...p/
3190 Other electrical equipment n.e.c.		...	...	229	228		...	...	2274	2143		...	...	...p/	...p/
3210 Electronic valves, tubes, etc.		...	...	190	184		...	...	324	305		...	...	139921q/	124053q/
3220 TV/radio transmitters; line comm. apparatus		...	...	135	135		...	...	3224	2775		...	...	...q/	...q/
3230 TV and radio receivers and associated goods		...	...	65	68		...	...	194	206		...	...	...q/	...q/
331 Medical, measuring, testing appliances, etc.		...	...	332	339		...	...	1526	1202		...	...	67685r/	65375r/
3311 Medical, surgical and orthopaedic equipment		...	...	117	122		...	...	588	515		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		...	...	163	157		...	...	848	526		...	...	...	...
3313 Industrial process control equipment		...	...	52	60		...	...	90	161		...	...	...	...
3320 Optical instruments & photographic equipment		...	...	126	132		...	...	550	514		...	...	...r/	...r/
3330 Watches and clocks		...	...	16	15		...	...	31	29		...	...	...r/	...r/
3410 Motor vehicles		...	...	16	17		...	...	787	862		...	...	70529s/	81125s/
3420 Automobile bodies, trailers & semi-trailers		...	...	13	15		...	...	68	27		...	...	...s/	...s/
3430 Parts/accessories for automobiles		...	...	101	103		...	...	2046	2170		...	...	...s/	...s/
351 Building and repairing of ships and boats		...	...	310	325		...	...	13137	12368		...	...	453122t/	508486t/
3511 Building and repairing of ships		...	...	215	231		...	...	13038	12242		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		...	...	95	94		...	...	99	126		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		...	...	16	16		...	...	4010	3937		...	...	...t/	...t/
3530 Aircraft and spacecraft		...	...	3	3		...	...	207	147		...	...	...t/	...t/
359 Transport equipment n.e.c.		...	...	26	27		...	...	47	68		...	...	...t/	...t/
3591 Motorcycles		...	...	3	3		...	...	2	3		...	...	...	...
3592 Bicycles and invalid carriages		...	...	23	23		...	...	45	65		...	...	...	...
3599 Other transport equipment n.e.c.		...	...	-	1		...	...	-	-		...	...	...	...
3610 Furniture		...	...	582	606		...	...	12893	12344		...	...	273924u/	284521u/
369 Manufacturing n.e.c.		...	...	440	446		...	...	1628	1465		...	...	...u/	...u/
3691 Jewellery and related articles		...	...	56	59		...	...	297	278		...	...	...	...
3692 Musical instruments		...	...	17	17		...	...	40	31		...	...	...	...
3693 Sports goods		...	...	25	26		...	...	11	16		...	...	...	...
3694 Games and toys		...	...	51	53		...	...	171	162		...	...	...	...
3699 Other manufacturing n.e.c.		...	...	291	291		...	...	1109	978		...	...	...	...
3710 Recycling of metal waste and scrap		...	...	193	195		...	...	767	728		...	...	29577v/	32211v/
3720 Recycling of non-metal waste and scrap		...	...	59	63		...	...	405	407		...	...	...v/	...v/
D Total manufacturing		...	...	19050	19516		...	...	290522	278323		...	...	7471448	7663277

a/ 151 includes 1520, 153, 154 and 155.

b/ 171 includes 172 and 1730.

c/ 1810 includes 1820.

d/ 191 includes 1920.

e/ 2010 includes 202.

f/ 221 includes 222 and 2230.

g/ 2310 includes 2320 and 2330.

h/ 241 includes 242 and 2430.

i/ 251 includes 2520.

j/ 2610 includes 269.

k/ 2710 includes 2720 and 273.

m/ 281 includes 289.

n/ 291 includes 292 and 2930.

p/ 3110 includes 3120, 3130, 3140, 3150 and 3190.

q/ 3210 includes 3220 and 3230.

r/ 331 includes 3320 and 3330.

s/ 3410 includes 3420 and 3430.

t/ 351 includes 3520, 3530 and 359.

u/ 3610 includes 369.

v/ 3710 includes 3720.

## Croatia

ISIC Revision 3 ISIC Industry	Output				Value added				Gross fixed capital formation			
	Note	(thousand KUNAS)				Note	(thousand KUNAS)				(thousand KUNAS)	
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		...	...	...	...	...	...	...	...	243440	235983	
1511 Processing/preserving of meat		...	...	...	...	...	...	...	...	...	...	
1512 Processing/preserving of fish		...	...	...	...	...	...	...	...	...	...	
1513 Processing/preserving of fruit & vegetables		...	...	...	...	...	...	...	...	...	...	
1514 Vegetable and animal oils and fats		...	...	...	...	...	...	...	...	...	...	
1520 Dairy products		...	...	...	...	...	...	...	...	280147	240843	
153 Grain mill products; starches; animal feeds		...	...	...	...	...	...	...	...	122755	60304	
1531 Grain mill products		...	...	...	...	...	...	...	...	...	...	
1532 Starches and starch products		...	...	...	...	...	...	...	...	...	...	
1533 Prepared animal feeds		...	...	...	...	...	...	...	...	...	...	
154 Other food products		...	...	...	...	...	...	...	...	416012	314210	
1541 Bakery products		...	...	...	...	...	...	...	...	...	...	
1542 Sugar		...	...	...	...	...	...	...	...	...	...	
1543 Cocoa, chocolate and sugar confectionery		...	...	...	...	...	...	...	...	...	...	
1544 Macaroni, noodles & similar products		...	...	...	...	...	...	...	...	...	...	
1549 Other food products n.e.c.		...	...	...	...	...	...	...	...	...	...	
155 Beverages		...	...	...	...	...	...	...	...	500946	288135	
1551 Distilling, rectifying & blending of spirits		...	...	...	...	...	...	...	...	...	...	
1552 Wines		...	...	...	...	...	...	...	...	...	...	
1553 Malt liquors and malt		...	...	...	...	...	...	...	...	...	...	
1554 Soft drinks; mineral waters		...	...	...	...	...	...	...	...	...	...	
1600 Tobacco products		...	...	...	...	...	...	...	...	80257	66995	
171 Spinning, weaving and finishing of textiles		...	...	...	...	...	...	...	...	16810	6410	
1711 Textile fibre preparation; textile weaving		...	...	...	...	...	...	...	...	...	...	
1712 Finishing of textiles		...	...	...	...	...	...	...	...	...	...	
172 Other textiles		...	...	...	...	...	...	...	...	7942	2060	
1721 Made-up textile articles, except apparel		...	...	...	...	...	...	...	...	...	...	
1722 Carpets and rugs		...	...	...	...	...	...	...	...	...	...	
1723 Cordage, rope, twine and netting		...	...	...	...	...	...	...	...	...	...	
1729 Other textiles n.e.c.		...	...	...	...	...	...	...	...	...	...	
1730 Knitted and crocheted fabrics and articles		...	...	...	...	...	...	...	...	7130	8052	
1810 Wearing apparel, except fur apparel		...	...	...	...	...	...	...	...	64675	107735	
1820 Dressing & dyeing of fur; processing of fur		...	...	...	...	...	...	...	...	138	189	
191 Tanning, dressing and processing of leather		...	...	...	...	...	...	...	...	7092	4666	
1911 Tanning and dressing of leather		...	...	...	...	...	...	...	...	...	...	
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...	...	...	...	...	...	...	
1920 Footwear		...	...	...	...	...	...	...	...	14579	17302	
2010 Sawmilling and planing of wood		...	...	...	...	...	...	...	...	42236	45699	
202 Products of wood, cork, straw, etc.		...	...	...	...	...	...	...	...	46796	57942	
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...	...	...	...	...	...	...	
2022 Builders' carpentry and joinery		...	...	...	...	...	...	...	...	...	...	
2023 Wooden containers		...	...	...	...	...	...	...	...	...	...	
2029 Other wood products; articles of cork/straw		...	...	...	...	...	...	...	...	...	...	
210 Paper and paper products		...	...	...	...	...	...	...	...	366312	254106	
2101 Pulp, paper and paperboard		...	...	...	...	...	...	...	...	...	...	
2102 Corrugated paper and paperboard		...	...	...	...	...	...	...	...	...	...	
2109 Other articles of paper and paperboard		...	...	...	...	...	...	...	...	...	...	
221 Publishing		...	...	...	...	...	...	...	...	186309	106507	
2211 Publishing of books and other publications		...	...	...	...	...	...	...	...	13878	26361	
2212 Publishing of newspapers, journals, etc.		...	...	...	...	...	...	...	...	...	...	
2213 Publishing of recorded media		...	...	...	...	...	...	...	...	18661	805	
2219 Other publishing		...	...	...	...	...	...	...	...	38595	17151	

continued

## Croatia

ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	Note	(thousand KUNAS)				Note	(thousand KUNAS)				(thousand KUNAS)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
222 Printing and related service activities		...	...	...	...		...	...	...	...		46462	246375
2221 Printing		...	...	...	...		...	...	...	...		...	...
2222 Service activities related to printing		...	...	...	...		...	...	...	...		...	...
2230 Reproduction of recorded media		...	...	...	...		...	...	...	...		58	83
2310 Coke oven products		...	...	...	...		...	...	...	...		-	-
2320 Refined petroleum products		...	...	...	...		...	...	...	...		651626	811492
2330 Processing of nuclear fuel		...	...	...	...		...	...	...	...		-	-
241 Basic chemicals		...	...	...	...		...	...	...	...		75885	116671
2411 Basic chemicals, except fertilizers		...	...	...	...		...	...	...	...		...	...
2412 Fertilizers and nitrogen compounds		...	...	...	...		...	...	...	...		...	...
2413 Plastics in primary forms; synthetic rubber		...	...	...	...		...	...	...	...		...	...
242 Other chemicals		...	...	...	...		...	...	...	...		481158	708430
2421 Pesticides and other agro-chemical products		...	...	...	...		...	...	...	...		...	...
2422 Paints, varnishes, printing ink and mastics		...	...	...	...		...	...	...	...		...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		...	...	...	...		...	...	...	...		...	...
2424 Soap, cleaning & cosmetic preparations		...	...	...	...		...	...	...	...		...	...
2429 Other chemical products n.e.c.		...	...	...	...		...	...	...	...		...	...
2430 Man-made fibres		...	...	...	...		...	...	...	...		-	-
251 Rubber products		...	...	...	...		...	...	...	...		24836	25329
2511 Rubber tyres and tubes		...	...	...	...		...	...	...	...		54	9
2519 Other rubber products		...	...	...	...		...	...	...	...		24782	25135
2520 Plastic products		...	...	...	...		...	...	...	...		143569	197590
2610 Glass and glass products		...	...	...	...		...	...	...	...		26448	44201
269 Non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...		499984	460712
2691 Pottery, china and earthenware		...	...	...	...		...	...	...	...		...	...
2692 Refractory ceramic products		...	...	...	...		...	...	...	...		...	...
2693 Struct.non-refractory clay; ceramic products		...	...	...	...		...	...	...	...		...	...
2694 Cement, lime and plaster		...	...	...	...		...	...	...	...		...	...
2695 Articles of concrete, cement and plaster		...	...	...	...		...	...	...	...		...	...
2696 Cutting, shaping & finishing of stone		...	...	...	...		...	...	...	...		...	...
2699 Other non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...		...	...
2710 Basic iron and steel		...	...	...	...		...	...	...	...		8317	7857
2720 Basic precious and non-ferrous metals		...	...	...	...		...	...	...	...		2689	2605
273 Casting of metals		...	...	...	...		...	...	...	...		35469	34971
2731 Casting of iron and steel		...	...	...	...		...	...	...	...		...	...
2732 Casting of non-ferrous metals		...	...	...	...		...	...	...	...		...	...
281 Struct.metall products;tanks;steam generators		...	...	...	...		...	...	...	...		75278	30068
2811 Structural metal products		...	...	...	...		...	...	...	...		...	...
2812 Tanks, reservoirs and containers of metal		...	...	...	...		...	...	...	...		...	...
2813 Steam generators		...	...	...	...		...	...	...	...		...	...
289 Other metal products; metal working services		...	...	...	...		...	...	...	...		130638	56950
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	...		...	...	...	...		3968	4720
2892 Treatment & coating of metals		...	...	...	...		...	...	...	...		...	...
2893 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...		...	...
2899 Other fabricated metal products n.e.c.		...	...	...	...		...	...	...	...		...	...
291 General purpose machinery		...	...	...	...		...	...	...	...		77718	28220
2911 Engines & turbines(not for transport equip.)		...	...	...	...		...	...	...	...		5654	6974
2912 Pumps, compressors, taps and valves		...	...	...	...		...	...	...	...		...	...
2913 Bearings, gears, gearing & driving elements		...	...	...	...		...	...	...	...		...	1352
2914 Ovens, furnaces and furnace burners		...	...	...	...		...	...	...	...		...	...
2915 Lifting and handling equipment		...	...	...	...		...	...	...	...		25602	14047
2919 Other general purpose machinery		...	...	...	...		...	...	...	...		...	...

292	Special purpose machinery	...	...	...	...	...	...	19626	23756
2921	Agricultural and forestry machinery	...	...	...	...	...	...	...	...
2922	Machine tools	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	...	...	...	...	...	...	21437	17696
3000	Office, accounting and computing machinery	...	...	...	...	...	...	17247	9639
3110	Electric motors, generators and transformers	...	...	...	...	...	...	22738	66700
3120	Electricity distribution & control apparatus	...	...	...	...	...	...	34597	32792
3130	Insulated wire and cable	...	...	...	...	...	...	15568	7342
3140	Accumulators, primary cells and batteries	...	...	...	...	...	...	3450	1929
3150	Lighting equipment and electric lamps	...	...	...	...	...	...	2175	3207
3190	Other electrical equipment n.e.c.	...	...	...	...	...	...	22518	19202
3210	Electronic valves, tubes, etc.	...	...	...	...	...	...	2709	4658
3220	TV/radio transmitters; line comm. apparatus	...	...	...	...	...	...	53582	50405
3230	TV and radio receivers and associated goods	...	...	...	...	...	...	1293	2334
331	Medical, measuring, testing appliances, etc.	...	...	...	...	...	...	13889	4218
3311	Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...
3312	Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...
3313	Industrial process control equipment	...	...	...	...	...	...	...	...
3320	Optical instruments & photographic equipment	...	...	...	...	...	...	10332	3690
3330	Watches and clocks	...	...	...	...	...	...	-	-
3410	Motor vehicles	...	...	...	...	...	...	6981	3430
3420	Automobile bodies, trailers & semi-trailers	...	...	...	...	...	...	7	-
3430	Parts/accessories for automobiles	...	...	...	...	...	...	50388	15756
351	Building and repairing of ships and boats	...	...	...	...	...	...	79408	133551
3511	Building and repairing of ships	...	...	...	...	...	...	79331	133023
3512	Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	77	528
3520	Railway/tramway locomotives & rolling stock	...	...	...	...	...	...	5527	1813
3530	Aircraft and spacecraft	...	...	...	...	...	...	1021	5242
359	Transport equipment n.e.c.	...	...	...	...	...	...	220	71
3591	Motorcycles	...	...	...	...	...	...	...	...
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	...	...	...	...	...	...	...	...
3610	Furniture	...	...	...	...	...	...	66372	59370
369	Manufacturing n.e.c.	...	...	...	...	...	...	25608	9847
3691	Jewellery and related articles	...	...	...	...	...	...	...	...
3692	Musical instruments	...	...	...	...	...	...	...	...
3693	Sports goods	...	...	...	...	...	...	...	...
3694	Games and toys	...	...	...	...	...	...	...	...
3699	Other manufacturing n.e.c.	...	...	...	...	...	...	...	...
3710	Recycling of metal waste and scrap	...	...	...	...	...	...	30933	10172
3720	Recycling of non-metal waste and scrap	...	...	...	...	...	...	9170	9200
D	Total manufacturing	...	...	...	...	...	...	5200507	5084712

## Croatia

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		...	...	104	100	79	70	62	65	67	69	64	67
16	Tobacco products		...	...	117	100	91	99	84	84	78	88	80	79
17	Textiles		...	...	125	100	66	59	56	52	48	39	44	46
18	Wearing apparel, fur		...	...	103	100	80	69	73	69	64	58	58	57
19	Leather, leather products and footwear		...	...	117	100	49	41	44	42	33	29	27	25
20	Wood products (excl. furniture)		...	...	120	100	65	67	69	62	58	62	71	71
21	Paper and paper products		...	...	115	100	66	57	59	59	58	53	58	59
22	Printing and publishing		...	...	104	100	76	62	57	61	61	62	94	106
23	Coke, refined petroleum products, nuclear fuel		...	...	102	100	70	59	66	65	75	72	61	60
24	Chemicals and chemical products		...	...	111	100	75	69	63	65	66	64	64	60
25	Rubber and plastics products		...	...	116	100	62	46	44	46	45	42	48	52
26	Non-metallic mineral products		...	...	112	100	77	60	58	62	62	74	66	75
27	Basic metals		...	...	114	100	66	41	42	42	35	32	40	46
28	Fabricated metal products		...	...	123	100	69	46	40	37	35	35	41	46
29	Machinery and equipment n.e.c.		...	...	117	100	58	36	31	26	30	29	36	37
30	Office, accounting and computing machinery		...	...	124	100	72	34	17	12	13	12	11	8
31	Electrical machinery and apparatus		...	...	140	100	71	59	52	53	55	56	57	66
32	Radio, television and communication equipment		...	...	93	100	73	73	76	62	67	76	80	58
33	Medical, precision and optical instruments		...	...	135	100	59	51	44	42	34	24	25	29
34	Motor vehicles, trailers, semi-trailers		...	...	244	100	49	28	45	60	30	23	44	37
35	Other transport equipment		...	...	114	100	70	59	47	41	41	50	54	65
36	Furniture; manufacturing n.e.c.		...	...	119	100	70	57	58	54	51	49	67	63
37	Recycling		...	...	110	100	64	62	45	41	41	43	50	42
D	Total manufacturing		116	114	114	100	70	59	55	53	53	54	56	58

## CYPRUS

<p><b>Supplier of information:</b> Department of Statistics and Research, Ministry of Finance, Nicosia.</p> <p><b>Basic source of data:</b> Annual survey of industrial production.</p> <p><b>Major deviations from ISIC (Revision 2):</b> Data exclude cottage industry (embroidery, weaving and cane products).</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All establishments in the Government controlled areas, with adjustments on the basis of the results of the 1992 census.</p> <p><b>Method of enumeration:</b> For the annual survey, establishments are sampled. Data are collected for establishments in the sample through interviews. Every five years, the Department conducts a census of industrial production covering establishments with 5 or more persons engaged on a complete enumeration basis and establishments with 4 or fewer persons engaged on a sample basis. The census provides the basis for reviewing the intercensal estimates of output, value added and employment that are compiled from the annual survey. The frame for the census as well as for the annual survey is provided by a registry of establishments, which is updated prior to each census.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> <u>Output</u> is gross output. It does not include VAT. <u>Value added</u> is total value added.</p> <p><b>Related national publications:</b> Industrial Statistics (annual); Statistical Abstract (annual); Economic Report (annual), all published by the Department of Statistics and Research, Ministry of Finance, Nicosia.</p>
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## Cyprus

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand POUNDS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		1054	1063	1062	1065		7095	7346	7390	7597		46721	44629	44509	47903
3111 Slaughtering, preparing & preserving meat		75	77	79	78		673	701	736	712		5570	5461	5678	6084
3112 Dairy products		112	114	114	114		1153	1192	1204	1246		8608	7973	8663	9109
3113 Canning, preserving of fruits & vegetables		41	41	37	34		627	691	599	536		4981	4468	3384	3526
3114 Canning, preserving and processing of fish		-	-	-	-		-	-	-	-		-	-	-	-
3115 Vegetable and animal oils and fats		29	30	30	30		149	142	157	163		1182	1107	1209	1287
3116 Grain mill products		20	20	20	20		182	179	184	187		1620	1564	1512	1592
3117 Bakery products		617	622	624	630		3001	3130	3252	3474		16021	15732	15818	17651
3118 Sugar factories and refineries		-	-	-	-		-	-	-	-		-	-	-	-
3119 Cocoa, chocolate and sugar confectionery		45	45	45	46		234	218	212	220		1246	1195	1045	1083
3121 Other food products		54	50	50	49		762	711	710	695		5223	4617	4937	5154
3122 Prepared animal feeds		61	64	63	64		314	382	336	364		2270	2512	2263	2417
313 Beverages		64	65	66	63		1866	1854	1966	1694		17560	15894	17698	16490
3131 Distilling, rectifying and blending spirits	a/	49	48	48	46	a/	1343	1322	1340	1134	a/	12846	11271	12096	11206
3132 Wine industries	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
3133 Malt liquors and malt	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
3134 Soft drinks and carbonated waters		15	17	18	17		523	532	626	560		4714	4623	5602	5284
314 Tobacco		4	4	4	4		255	285	293	272		2812	2915	3083	3145
321 Textiles		260	255	246	230		2186	2098	1852	1579		11653	9493	8877	8099
3211 Spinning, weaving and finishing textiles		14	10	7	6		306	142	90	79		1823	772	497	512
3212 Made-up textile goods excl. wearing apparel		150	148	143	137		700	685	604	532		3560	3212	2970	2859
3213 Knitting mills		96	97	96	87		1180	1271	1158	968		6270	5509	5410	4728
3214 Carpets and rugs		-	-	-	-		-	-	-	-		-	-	-	-
3215 Cordage, rope and twine		-	-	-	-		-	-	-	-		-	-	-	-
3219 Other textiles		-	-	-	-		-	-	-	-		-	-	-	-
322 Wearing apparel, except footwear		1206	1061	1025	996		6670	5444	4920	4438		29935	22158	20814	19486
323 Leather and fur products		90	79	81	79		346	301	329	306		1900	1334	1537	1566
3231 Tanneries and leather finishing		6	6	6	6		41	40	41	41		306	245	251	267
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	-	-
3233 Leather prods. excl. wearing apparel		84	73	75	73		305	261	288	265		1594	1089	1286	1299
324 Footwear, except rubber or plastic		156	135	133	120		1270	984	963	873		7004	5056	4830	4575
331 Wood products, except furniture		1179	1181	1172	1174		2530	2554	2526	2575		16235	14767	14831	15511
3311 Sawmills, planing and other wood mills	b/	1057	1055	1050	1052	b/	2388	2427	2427	2457	b/	15495	13950	14361	14949
3312 Wooden and cane containers	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
3319 Other wood and cork products		122	126	122	122		142	127	99	118		740	817	470	562
332 Furniture and fixtures, excl. metal		742	720	710	695		2202	1875	1697	1529		13493	10575	9529	9141
341 Paper and products		54	56	57	57		738	773	791	794		5047	5099	5219	5508
3411 Pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		-	-	-	-
3412 Containers of paper and paperboard		15	15	15	15		227	253	239	249		1796	1922	1704	1791
3419 Other pulp, paper and paperboard articles		39	41	42	42		511	520	552	545		3251	3177	3515	3717
342 Printing and publishing		350	348	345	342		1951	1868	1824	1736		15143	13824	14172	14022
351 Industrial chemicals		12	12	12	12		123	118	133	134		1008	898	989	1108
3511 Basic chemicals excl. fertilizers		1	1	1	1		35	28	33	39		308	218	257	340
3512 Fertilizers and pesticides		11	11	11	11		88	90	100	95		700	680	732	768
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-		-	-	-	-
352 Other chemicals		115	115	115	112		1552	1581	1571	1551		11492	10237	10226	11409
3521 Paints, varnishes and lacquers		13	13	13	13		234	231	236	239		1975	1775	1812	2027
3522 Drugs and medicines		11	13	13	13		439	512	490	532		3062	2909	2788	3416
3523 Soap, cleaning preps., perfumes, cosmetics		42	42	42	41		674	652	660	622		5085	4464	4549	4919
3529 Other chemical products		49	47	47	45		205	186	185	158		1370	1089	1077	1047
353 Petroleum refineries		1	1	1	1		143	144	143	147		3622	3246	3279	2989

354 Misc. petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-	-	
355 Rubber products	23	23	23	21	158	153	150	139	1148	959	868	865	865	
3551 Tyres and tubes	10	10	10	9	73	70	65	60	572	427	361	342	342	
3559 Other rubber products	13	13	13	12	85	83	85	79	576	532	507	523	523	
356 Plastic products	62	60	60	62	1334	1267	1217	1356	9378	8812	8892	9315	9315	
361 Pottery, china, earthenware	57	61	60	60	94	107	90	97	406	384	359	420	420	
362 Glass and products	23	21	20	20	115	103	93	97	666	639	528	548	548	
369 Other non-metallic mineral products	307	304	295	290	2660	2526	2316	2180	24472	21102	20384	20241	20241	
3691 Structural clay products	99	99	95	89	1029	983	869	725	8055	6574	5857	5260	5260	
3692 Cement, lime and plaster	8	10	10	9	464	451	430	403	7716	6971	7133	7144	7144	
3699 Other non-metallic mineral products	200	195	190	192	1167	1092	1017	1052	8701	7557	7394	7837	7837	
371 Iron and steel	-	-	-	-	-	-	-	-	-	-	-	-	-	
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-	-	
381 Fabricated metal products	1119	1132	1119	1123	3058	3179	2951	3045	19621	18036	18441	20265	20265	
3811 Cutlery, hand tools and general hardware	102	105	105	102	160	181	175	149	978	1040	1052	934	934	
3812 Furniture and fixtures primarily of metal	59	57	54	56	575	506	432	458	3640	2920	2708	2940	2940	
3813 Structural metal products	817	820	810	813	1700	1722	1570	1635	10667	9475	9015	9910	9910	
3819 Other fabricated metal products	141	150	150	152	623	770	774	803	4336	4601	5666	6481	6481	
382 Non-electrical machinery	348	350	350	350	1121	1045	1008	1011	7916	6513	6529	6857	6857	
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-	-	
3822 Agricultural machinery and equipment	c/	348	350	350	c/	1121	1045	1008	1011	c/	7916	6513	6529	6857
3823 Metal and wood working machinery	-	-	-	-	-	-	-	-	-	-	-	-	-	
3824 Other special industrial machinery	-	-	-	-	-	-	-	-	-	-	-	-	-	
3825 Office, computing and accounting machinery	c/	...	...	...	c/	...	...	...	...	c/	...	...	...	
3829 Other non-electrical machinery & equipment	c/	...	...	...	c/	...	...	...	...	c/	...	...	...	
383 Electrical machinery	115	113	121	117	517	500	572	518	3502	3247	3720	3284	3284	
3831 Electrical industrial machinery	32	33	36	37	22	21	26	49	144	105	130	267	267	
3832 Radio, television and communication equipm.	6	5	5	6	4	4	5	7	24	23	30	33	33	
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	-	-	-	
3839 Other electrical apparatus and supplies	77	75	80	74	491	475	541	462	3334	3119	3560	2984	2984	
384 Transport equipment	101	96	96	95	455	416	428	422	3130	2700	2649	2934	2934	
3841 Shipbuilding and repairing	43	40	40	41	106	96	95	110	818	761	584	867	867	
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	
3843 Motor vehicles	58	56	56	54	349	320	333	312	2312	1939	2065	2067	2067	
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-	-	-	-	
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-	-	
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	
385 Professional and scientific equipment	13	13	13	14	58	61	57	67	366	313	311	407	407	
3851 Prof. and scientific equipment n.e.c.	9	9	9	10	58	61	57	67	366	313	311	407	407	
3852 Photographic and optical goods	4	4	4	4	d/	...	...	...	d/	...	...	...	...	
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-	-	
390 Other manufacturing industries	399	406	398	400	869	920	876	914	4796	4482	4690	4976	4976	
3901 Jewellery and related articles	275	280	272	274	652	677	638	674	3679	3285	3555	3702	3702	
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-	-	
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-	-	
3909 Manufacturing industries, n.e.c.	124	126	126	126	217	243	238	240	1117	1197	1135	1274	1274	
3 Total manufacturing	7854	7674	7584	7502	39366	37502	36156	35071	259026	227312	226964	231064	231064	

a/ 3131 includes 3132 and 3133.

b/ 3311 includes 3312.

c/ 3822 includes 3825 and 3829.

d/ 3851 includes 3852.

## Cyprus

ISIC Revision 2 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(thousand POUNDS)				Note	(thousand POUNDS)				Note	(thousand POUNDS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
311/2 Food products		243247	258338	271488	284854		80144	84668	90178	95257		18542	15142
3111 Slaughtering, preparing & preserving meat		18808	21175	22482	23200		8177	9290	9728	9636		1749	802
3112 Dairy products		50973	52939	57769	62713		13890	14013	16644	17472		7502	5287
3113 Canning, preserving of fruits & vegetables		23301	22892	21286	20694		7775	7528	6572	7600		2301	688
3114 Canning, preserving and processing of fish		-	-	-	-		-	-	-	-		-	-
3115 Vegetable and animal oils and fats		18675	19346	18309	18527		2426	3762	3914	5191		632	469
3116 Grain mill products		11573	13542	14588	15486		2754	3317	3194	3684		378	291
3117 Bakery products		58045	61436	68453	74309		26529	28596	31608	32376		3708	5868
3118 Sugar factories and refineries		-	-	-	-		-	-	-	-		-	-
3119 Cocoa, chocolate and sugar confectionery		9539	9587	9579	10542		2418	2532	2332	2691		485	295
3121 Other food products		27686	23182	24568	24515		11873	8859	9471	9752		1308	896
3122 Prepared animal feeds		24647	34239	34454	34868		4302	6771	6715	6855		479	546
313 Beverages		88968	92782	100404	105463		36966	37448	42667	43356		6792	4918
3131 Distilling, rectifying and blending spirits	a/	55114	55943	59459	62229	a/	27753	27293	29718	28878	a/	3474	1956
3132 Wine industries	a/	...	...	...	...	a/	...	...	...	...	a/	...	...
3133 Malt liquors and malt	a/	...	...	...	...	a/	...	...	...	...	a/	...	...
3134 Soft drinks and carbonated waters		33854	36839	40945	43234		9213	10155	12949	14478		3318	2962
314 Tobacco		43190	46396	49171	55602		32450	34333	34080	40182		319	475
321 Textiles		43013	41612	36815	32677		17678	17142	15326	13497		581	696
3211 Spinning, weaving and finishing textiles		7084	4183	2267	2302		3045	1616	871	1089		1	34
3212 Made-up textile goods excl. wearing apparel		16050	17191	14212	13266		5589	6147	5429	5166		399	122
3213 Knitting mills		19879	20238	20336	17109		9044	9379	9026	7242		181	540
3214 Carpets and rugs		-	-	-	-		-	-	-	-		-	-
3215 Cordage, rope and twine		-	-	-	-		-	-	-	-		-	-
3219 Other textiles		-	-	-	-		-	-	-	-		-	-
322 Wearing apparel, except footwear		110006	100285	92035	83144		42093	38040	36950	33990		1157	914
323 Leather and fur products		7489	6465	7492	6398		2904	2515	3000	2562		227	155
3231 Tanneries and leather finishing		2325	2377	2546	2166		462	513	568	411		24	42
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-
3233 Leather prods. excl. wearing apparel		5164	4088	4946	4232		2442	2002	2432	2151		203	113
324 Footwear, except rubber or plastic		22697	20914	21647	20289		9276	8622	8843	8650		-2	444
331 Wood products, except furniture		62925	66009	70798	74724		26886	28304	32095	33140		2304	3331
3311 Sawmills, planing and other wood mills	b/	60054	62520	67441	71158	b/	25337	26489	30412	31459	b/	2257	3260
3312 Wooden and cane containers	b/	...	...	...	...	b/	...	...	...	...	b/	...	...
3319 Other wood and cork products		2871	3489	3357	3566		1549	1815	1683	1681		47	71
332 Furniture and fixtures, excl. metal		46706	43889	41232	37326		20924	20409	18842	17897		1873	1163
341 Paper and products		30694	35284	34276	31879		9979	11279	10858	10786		2581	1514
3411 Pulp, paper and paperboard articles		10839	11897	11056	9709		4456	4777	3915	3608		1451	521
3412 Containers of paper and paperboard		19855	23387	23220	22170		5523	6502	6943	7178		1130	993
3419 Other pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		-	-
342 Printing and publishing		53847	53732	53243	56139		23579	24959	25586	26814		2749	5019
351 Industrial chemicals		8204	8352	7929	7887		2793	2450	2363	2201		258	501
3511 Basic chemicals excl. fertilizers		1192	1259	1448	1400		628	647	757	777		64	144
3512 Fertilizers and pesticides		7012	7093	6481	6487		2165	1803	1606	1424		194	357
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-		-	-
352 Other chemicals		69604	69820	71975	71579		21399	20906	22749	25159		3265	3644
3521 Paints, varnishes and lacquers		10895	11513	10989	11383		3426	4141	4131	4170		327	1260
3522 Drugs and medicines		22002	23805	28236	26870		6182	6271	7144	8843		2068	1732
3523 Soap, cleaning preps., perfumes, cosmetics		28789	27595	26499	27537		9001	8573	9313	10090		629	392
3529 Other chemical products		7918	6907	6251	5789		2790	2120	2161	2056		241	260
353 Petroleum refineries		56322	65784	85525	63362		6301	5921	7525	6607		365	891

354 Misc. petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-
355 Rubber products	4580	4367	4097	4198	1905	1892	1565	1653	484	300	
3551 Tyres and tubes	1803	1800	1504	1753	834	758	611	653	455	123	
3559 Other rubber products	2777	2567	2593	2445	1071	1134	954	1000	29	177	
356 Plastic products	39266	36691	36772	40330	16560	16585	15801	17140	2503	2636	
361 Pottery, china, earthenware	1314	1593	1656	1623	860	1048	1161	1153	98	90	
362 Glass and products	3452	2941	2654	2695	1176	1088	996	1081	122	141	
369 Other non-metallic mineral products	113641	114537	108691	105008	46695	48221	45738	44192	7220	7680	
3691 Structural clay products	28298	26590	23879	22461	12739	12306	11489	10883	1354	663	
3692 Cement, lime and plaster	33234	35941	36254	31743	17249	18935	18622	15926	3590	4058	
3699 Other non-metallic mineral products	52109	52006	48558	50804	16707	16980	15627	17383	2276	2959	
371 Iron and steel	-	-	-	-	-	-	-	-	-	-	
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	
381 Fabricated metal products	94562	98102	101159	112946	32251	34876	37275	42869	4547	7040	
3811 Cutlery, hand tools and general hardware	3680	4214	3903	3884	1569	1978	1940	1916	160	350	
3812 Furniture and fixtures primarily of metal	12627	12056	10521	11732	5270	5377	5102	5981	552	873	
3813 Structural metal products	54942	55895	51735	57085	18135	18511	19400	21261	2112	2116	
3819 Other fabricated metal products	23313	25937	35000	40245	7277	9010	10833	13711	1723	3701	
382 Non-electrical machinery	28589	29136	27573	27573	12957	12933	12524	13376	551	612	
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	
3822 Agricultural machinery and equipment	c/ 28589	29136	27573	27573	c/ 12957	12933	12524	13376	c/ 551	612	
3823 Metal and wood working machinery	-	-	-	-	-	-	-	-	-	-	
3824 Other special industrial machinery	-	-	-	-	-	-	-	-	-	-	
3825 Office, computing and accounting machinery	c/ ...	...	...	...	c/ ...	...	...	...	c/ ...	...	
3829 Other non-electrical machinery & equipment	c/ ...	...	...	...	c/ ...	...	...	...	c/ ...	...	
383 Electrical machinery	15074	15019	17663	15217	5482	5529	6536	5978	602	621	
3831 Electrical industrial machinery	693	909	879	1418	422	509	560	891	5	14	
3832 Radio, television and communication equipm.	62	99	93	105	30	33	41	45	-	-	
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	
3839 Other electrical apparatus and supplies	14319	14011	16691	13694	5030	4987	5935	5042	597	607	
384 Transport equipment	11553	10214	9881	10322	5443	5027	4768	4855	383	593	
3841 Shipbuilding and repairing	2431	2016	1703	2011	1255	1221	932	1044	24	73	
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	
3843 Motor vehicles	9122	8198	8178	8311	4188	3806	3836	3811	359	520	
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-	
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-	
385 Professional and scientific equipment	1875	1658	1224	1599	546	582	513	731	594	32	
3851 Prof. and scientific equipment n.e.c.	d/ 1875	1658	1224	1599	d/ 546	582	513	731	d/ 594	32	
3852 Photographic and optical goods	d/ ...	...	...	...	d/ ...	...	...	...	d/ ...	...	
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	
390 Other manufacturing industries	31149	32736	31125	32389	8237	9924	9773	10575	875	427	
3901 Jewellery and related articles	25527	26990	25095	26074	5971	7255	7077	7834	433	215	
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	
3909 Manufacturing industries, n.e.c.	5622	5746	6030	6315	2266	2669	2696	2741	442	212	
3 Total manufacturing	1233047	1256656	1286525	1285223	466294	474700	487712	503701	58990	58979	

a/ 3131 includes 3132 and 3133.  
b/ 3311 includes 3312.  
c/ 3822 includes 3825 and 3829.  
d/ 3851 includes 3852.

## Cyprus

ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry	Note	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
311/2 Food products	a/	82	86	94	100	97	102	101	113	113	106	102	100
313 Beverages	a/	...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco		78	92	91	100	119	134	76	54	54	59	79	94
321 Textiles		82	99	90	100	94	108	99	95	82	66	61	64
322 Wearing apparel, except footwear		112	106	93	100	96	84	71	71	72	63	60	61
323 Leather and fur products	b/	106	109	111	100	94	89	69	68	62	47	47	48
324 Footwear, except rubber or plastic	b/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		100	113	108	100	117	120	103	105	115	119	117	116
332 Furniture and fixtures, excl. metal	c/	...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		72	91	91	100	91	85	89	102	117	116	111	103
342 Printing and publishing		75	80	92	100	87	105	96	100	97	94	87	86
351 Industrial chemicals	d/	80	93	102	100	95	103	101	111	111	112	110	109
352 Other chemicals	d/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	e/	79	86	101	100	94	116	81	79	89	86	89	85
356 Plastic products	e/	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	f/	78	81	92	100	98	100	101	101	99	96	87	93
362 Glass and products	f/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	f/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products	g/	92	103	99	100	102	104	108	115	121	122	125	126
382 Non-electrical machinery	g/	...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		73	87	108	100	105	133	147	134	146	144	140	134
384 Transport equipment		168	169	114	100	123	122	141	110	98	76	71	98
385 Professional and scientific equipment		...	...	...	100	101	102	103	154	138	125	145	200
390 Other manufacturing industries	c/	80	76	91	100	94	99	95	102	96	90	95	93
3 Total manufacturing		89	94	96	100	99	102	94	97	97	92	91	92

a/ 311/2 includes 313.

b/ 323 includes 324.

c/ 390 includes 332.

d/ 351 includes 352.

e/ 355 includes 356.

f/ 361 includes 362 and 369.

g/ 381 includes 382.

## CZECH REPUBLIC

**Supplier of information:**

Czech Statistical Office (CSO), Prague.  
Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.

**Basic source of data:**

Annual Structural Business Survey.

**Major deviations from ISIC (Revision 3):**

Data presented in accordance with ISIC (Rev. 3) were originally classified in the National Branch of Economic Activities (OKEĚ), which was compatible with NACE (Revision 1).

**Reference period (if not calendar year):****Scope:**

Not reported.

**Method of enumeration:**

Not reported.

**Adjusted for non-response:**

Yes.

**Concepts and definitions of variables:**

Number of employees refers to all categories of permanent, temporary and seasonal employees contracted for work in the enterprise. It excludes apprentices, females on maternity leave and child-care leave, persons on parental leave and persons engaged by companies on the basis of work execution or working activity agreements.

Wages and salaries is the sum paid during the year, before deduction of taxes and pension contributions. It includes regular and overtime cash payments, bonuses, vacation payable by employers.

Output is the sum of market and non-market outputs produced by domestic producers over a given period. It is equal to the sum of revenues from sales of own products, goods, works and services produced to third part, capitalization of products, goods, works and services provided for own use, value of fixed assets produced during the period by the unit for its own use, changes in stock of own production and works in progress. Costs spent on sold goods and VAT are excluded. Other taxes payable as a consequence of production as well as transport charges invoiced separately by the producer are included. Excluded are any subsidies. The valuation is made at basic prices.

Value added is obtained by subtracting from production the value of inputs, such as consumption of materials, fuels, produced electricity, industrial and non-industrial services received and other supplies. The valuation is made at basic prices.

Gross fixed capital formation corresponds to gross acquisitions of tangible fixed assets. It represents a sum of expenditures spent on the acquisition of tangible assets (by either purchase or own activity), together with the overall value of tangible assets acquired free of charge, by transfer according to relevant legislation or by transfer from a personal use to business. Major additions, alterations and improvements to existing assets which extend their normal economic life or raise their productivity, are also included. Fixed assets include buildings and structures, machinery and equipment including transport equipment, livestock for breeding, dairy, etc., other cultivated assets, other tangible assets (without land and subsoil assets) and artistic originals. Tangible assets are valued at purchasers' prices. VAT is excluded.

**Related national publications:**

Statistical Yearbook of the Czech Republic, Czech Republic's Industry, both published by the Czech Statistical Office (CSO), Prague.

## Czech Republic

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million KORUNAS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		5595a/	5623a/	2638	1560		139a/	152a/	46	42		12661a/	15381a/	5110	4980
1511 Processing/preserving of meat		...	...	2486	1338		...	...	35	32		...	...	3734	3767
1512 Processing/preserving of fish		...	...	15	95		...	...	1	1		...	...	126	100
1513 Processing/preserving of fruit & vegetables		...	...	114	100		...	...	6	5		...	...	621	501
1514 Vegetable and animal oils and fats		...	...	23	27		...	...	4	4		...	...	629	612
1520 Dairy products		...a/	...a/	175	169		...a/	...a/	15	15		...a/	...a/	1738	1936
153 Grain mill products; starches; animal feeds		...a/	...a/	467	359		...a/	...a/	15	13		...a/	...a/	1757	1833
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...	...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...	...	...
1533 Prepared animal feeds		...	...	266	161		...	...	11	10		...	...	1355	1373
154 Other food products		...a/	...a/	2514	3234		...a/	...a/	60	61		...a/	...a/	6554	6817
1541 Bakery products		...	...	...	...		...	...	...	...		...	...	...	...
1542 Sugar		...	...	...	...		...	...	...	...		...	...	...	...
1543 Cocoa, chocolate and sugar confectionery		...	...	...	...		...	...	...	...		...	...	...	...
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...	...	...
1549 Other food products n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
155 Beverages		...a/	...a/	629	1143		...a/	...a/	26	24		...a/	...a/	3652	3755
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...	...	...
1552 Wines		...	...	...	...		...	...	...	...		...	...	...	...
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...	...	...
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...	...	...	...
1600 Tobacco products		...	...	...	...		...	...	...	...		...	...	...	...
171 Spinning, weaving and finishing of textiles		3525b/	3195b/	410	459		92b/	88b/	46	47		6452b/	7102b/	4260	4807
1711 Textile fibre preparation; textile weaving		...	...	297	330		...	...	42	44		...	...	3848	4498
1712 Finishing of textiles		...	...	113	129		...	...	4	3		...	...	412	309
172 Other textiles		...b/	...b/	2142	2392		...b/	...b/	20	19		...b/	...b/	1835	2043
1721 Made-up textile articles, except apparel		...	...	876	1156		...	...	6	8		...	...	459	747
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	...	...
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...	...	...
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
1730 Knitted and crocheted fabrics and articles		...b/	...b/	1303	1074		...b/	...b/	13	10		...b/	...b/	1148	974
1810 Wearing apparel, except fur apparel		11383c/	8768c/	12379	8915		56c/	53c/	53	50		3685c/	3523c/	4031	4267
1820 Dressing & dyeing of fur; processing of fur		...c/	...c/	347	255		...c/	...c/	1	1		...c/	...c/	135	98
191 Tanning, dressing and processing of leather		1064d/	1107d/	928	1234		43d/	31d/	9	7		2562d/	2582d/	854	668
1911 Tanning and dressing of leather		...	...	162	81		...	...	2	2		...	...	255	204
1912 Luggage, handbags, etc.; saddlery & harness		...	...	766	1153		...	...	7	5		...	...	599	464
1920 Footwear		...d/	...d/	495	300		...d/	...d/	18	18		...d/	...d/	1559	1690
2010 Sawmilling and planing of wood		15093e/	17370e/	1731	1835		53e/	49e/	15	15		4919e/	4668e/	1458	1433
202 Products of wood, cork, straw, etc.		...e/	...e/	21778	20160		...e/	...e/	38	37		...e/	...e/	3769	3937
2021 Veneer sheets, plywood, particle board, etc.		...	...	212	309		...	...	6	6		...	...	692	708
2022 Builders' carpentry and joinery		...	...	17089	16019		...	...	23	21		...	...	2275	2327
2023 Wooden containers		...	...	444	749		...	...	2	4		...	...	168	281
2029 Other wood products; articles of cork/straw		...	...	4033	3083		...	...	7	6		...	...	634	621
210 Paper and paper products		366	391	562	401		31	25	23	22		2244	2674	2860	3157
2101 Pulp, paper and paperboard		...	...	80	58		...	...	11	10		...	...	1491	1560
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
221 Publishing		4166f/	4202f/	2652	1652		26f/	34f/	17	15		3701f/	4376f/	2839	2975
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...	...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...	...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...	...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...	...	...

222	Printing and related service activities	...f/	...f/	2875	3945	...f/	...f/	16	18	...f/	...f/	2122	2463
2221	Printing	...	...	...	...	...	...	...	...	...	...	...	...
2222	Service activities related to printing	...	...	...	...	...	...	...	...	...	...	...	...
2230	Reproduction of recorded media	...f/	...f/	175	353	...f/	...f/	1	1	...f/	...f/	120	192
2310	Coke oven products	...	...	...	...	...	...	...	...	...	...	...	...
2320	Refined petroleum products	...	...	...	...	...	...	...	...	...	...	...	...
2330	Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
241	Basic chemicals	1024g/	893g/	224	616	49g/	54g/	28	26	5064g/	6945g/	4263	4526
2411	Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...	...	...	...	...
2412	Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...	...	...	...
242	Other chemicals	...g/	...g/	828	968	...g/	...g/	20	19	...g/	...g/	2862	2998
2421	Pesticides and other agro-chemical products	...	...	17	16	...	...	-	1	...	...	56	92
2422	Paints, varnishes, printing ink and mastics	...	...	67	65	...	...	3	2	...	...	344	350
2423	Pharmaceuticals, medicinal chemicals, etc.	...	...	82	69	...	...	7	7	...	...	1132	1194
2424	Soap, cleaning & cosmetic preparations	...	...	154	192	...	...	4	4	...	...	602	648
2429	Other chemical products n.e.c.	...	...	508	626	...	...	6	5	...	...	729	714
2430	Man-made fibres	...g/	...g/	11	10	...g/	...g/	1	1	...g/	...g/	154	188
251	Rubber products	1637h/	1988h/	867	508	40h/	44h/	16	14	3878h/	5061h/	2147	2292
2511	Rubber tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...
2519	Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
2520	Plastic products	...h/	...h/	2811	1831	...h/	...h/	36	37	...h/	...h/	4299	4961
2610	Glass and glass products	4573i/	5587i/	2298	1909	76i/	80i/	34	33	7769i/	9029i/	4229	4670
269	Non-metallic mineral products n.e.c.	...i/	...i/	4713	4468	...i/	...i/	50	49	...i/	...i/	6606	7161
2691	Pottery, china and earthenware	...	...	...	...	...	...	...	...	...	...	...	...
2692	Refractory ceramic products	...	...	...	...	...	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	...	...	152	122	...	...	10	10	...	...	1416	1426
2694	Cement, lime and plaster	...	...	73	67	...	...	5	4	...	...	885	882
2695	Articles of concrete, cement and plaster	...	...	1151	1396	...	...	14	14	...	...	1945	2162
2696	Cutting, shaping & finishing of stone	...	...	1350	993	...	...	2	2	...	...	201	278
2699	Other non-metallic mineral products n.e.c.	...	...	150	109	...	...	4	4	...	...	472	549
2710	Basic iron and steel	364j/	310j/	151	112	122j/	107j/	71	66	12089j/	13773j/	10897	11179
2720	Basic precious and non-ferrous metals	...j/	...j/	80	54	...j/	...j/	5	5	...j/	...j/	713	767
273	Casting of metals	...j/	...j/	266	257	...j/	...j/	22	20	...j/	...j/	2638	2658
2731	Casting of iron and steel	...	...	...	...	...	...	...	...	...	...	...	...
2732	Casting of non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
281	Struct.met.al products;tanks;steam generators	21562k/	28181k/	1953	2853	121k/	132k/	40	46	12259k/	14675k/	5455	6897
2811	Structural metal products	...	...	797	1629	...	...	21	26	...	...	2685	3761
2812	Tanks, reservoirs and containers of metal	...	...	857	835	...	...	11	12	...	...	1557	1742
2813	Steam generators	...	...	299	389	...	...	8	8	...	...	1213	1394
289	Other metal products; metal working services	...k/	...k/	34288	25258	...k/	...k/	94	99	...k/	...k/	11254	12907
2891	Metal forging/pressing/stamping/roll-forming	...	...	1348	1114	...	...	4	6	...	...	548	750
2892	Treatment & coating of metals	...	...	5533	6399	...	...	19	28	...	...	2264	3902
2893	Cutlery, hand tools and general hardware	...	...	25402	15047	...	...	42	32	...	...	4856	4024
2899	Other fabricated metal products n.e.c.	...	...	2005	2698	...	...	29	33	...	...	3586	4231
291	General purpose machinery	5858m/	6351m/	4054	3754	184m/	182m/	66	58	18259m/	20447m/	9019	8888
2911	Engines & turbines(not for transport equip.)	...	...	...	...	...	...	...	...	...	...	...	...
2912	Pumps, compressors, taps and valves	...	...	...	...	...	...	...	...	...	...	...	...
2913	Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...	...	...	...	...
2914	Ovens, furnaces and furnace burners	...	...	...	...	...	...	...	...	...	...	...	...
2915	Lifting and handling equipment	...	...	...	...	...	...	...	...	...	...	...	...
2919	Other general purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
292	Special purpose machinery	...m/	...m/	2998	2019	...m/	...m/	103	95	...m/	...m/	13111	13541
2921	Agricultural and forestry machinery	...	...	1275	528	...	...	19	17	...	...	2281	2078
2922	Machine tools	...	...	175	172	...	...	18	19	...	...	2470	2920
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	...m/	...m/	700	354	...m/	...m/	10	9	...m/	...m/	1159	1155

continued



## Czech Republic

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million KORUNAS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		160	152	192	152		8	4	2	2		306	361	212	286
3110 Electric motors, generators and transformers		9936n/	9641n/	4378	9094		67n/	73n/	20	18		6710n/	8339n/	2446	2391
3120 Electricity distribution & control apparatus		...n/	...n/	2564	1478		...n/	...n/	23	22		...n/	...n/	3264	3409
3130 Insulated wire and cable		...n/	...n/	71	68		...n/	...n/	5	6		...n/	...n/	683	892
3140 Accumulators, primary cells and batteries		...n/	...n/	69	35		...n/	...n/	2	2		...n/	...n/	309	338
3150 Lighting equipment and electric lamps		...n/	...n/	91	156		...n/	...n/	7	6		...n/	...n/	737	736
3190 Other electrical equipment n.e.c.		...n/	...n/	2823	2194		...n/	...n/	23	24		...n/	...n/	2796	3128
3210 Electronic valves, tubes, etc.		2548p/	1796p/	908	603		24p/	23p/	12	14		2179p/	2451p/	1342	1626
3220 TV/radio transmitters; line comm. apparatus		...p/	...p/	1095	930		...p/	...p/	9	10		...p/	...p/	1246	1532
3230 TV and radio receivers and associated goods		...p/	...p/	2136	678		...p/	...p/	2	2		...p/	...p/	300	329
331 Medical, measuring, testing appliances, etc.		2740q/	3422q/	3709	3324		25q/	29q/	25	23		2686q/	3261q/	3093	3243
3311 Medical, surgical and orthopaedic equipment		...	...	1781	2383		...	...	8	9		...	...	975	1172
3312 Measuring/testing/navigating appliances, etc.		...	...	1828	867		...	...	14	12		...	...	1677	1676
3313 Industrial process control equipment		...	...	100	74		...	...	3	2		...	...	441	395
3320 Optical instruments & photographic equipment		...q/	...q/	660	230		...q/	...q/	4	5		...q/	...q/	433	592
3330 Watches and clocks		...q/	...q/	175	85		...q/	...q/	-	1		...q/	...q/	50	86
3410 Motor vehicles		548r/	311r/	130	57		56r/	57r/	32	31		5839r/	7412r/	5167	5904
3420 Automobile bodies, trailers & semi-trailers		...r/	...r/	89	77		...r/	...r/	3	4		...r/	...r/	401	621
3430 Parts/accessories for automobiles		...r/	...r/	122	554		...r/	...r/	27	31		...r/	...r/	3620	4554
351 Building and repairing of ships and boats		305s/	422s/	55	98		42s/	36s/	-	-		3478s/	4114s/	43	51
3511 Building and repairing of ships		...	...	...	...		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		...	...	...	...		...	...	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		...s/	...s/	41	59		...s/	...s/	18	15		...s/	...s/	2372	2144
3530 Aircraft and spacecraft		...s/	...s/	53	68		...s/	...s/	9	8		...s/	...s/	1300	1296
359 Transport equipment n.e.c.		...s/	...s/	241	158		...s/	...s/	8	4		...s/	...s/	819	425
3591 Motorcycles		...	...	...	...		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		...	...	...	...		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		...	...	104	53		...	...	3	-		...	...	333	33
3610 Furniture		7992t/	10058t/	4923	5438		67t/	74t/	36	38		5650t/	6617t/	3564	4223
369 Manufacturing n.e.c.		...t/	...t/	9527	7739		...t/	...t/	37	32		...t/	...t/	3445	3253
3691 Jewellery and related articles		...	...	1041	845		...	...	4	3		...	...	393	285
3692 Musical instruments		...	...	437	337		...	...	4	4		...	...	430	446
3693 Sports goods		...	...	696	469		...	...	3	3		...	...	301	297
3694 Games and toys		...	...	550	526		...	...	3	2		...	...	234	218
3699 Other manufacturing n.e.c.		...	...	6803	5562		...	...	23	20		...	...	2087	2007
3710 Recycling of metal waste and scrap		434u/	386u/	939	362		7u/	7u/	5	5		697u/	704u/	673	727
3720 Recycling of non-metal waste and scrap		...u/	...u/	362	265		...u/	...u/	1	1		...u/	...u/	135	157
D Total manufacturing		100889	110163	145814	128333		1347	1341	1345	1304		125039	144650	164442	176263

a/ 151 includes 1520, 153, 154 and 155.

b/ 171 includes 172 and 1730.

c/ 1810 includes 1820.

d/ 191 includes 1920.

e/ 2010 includes 202.

f/ 221 includes 222 and 2230.

g/ 241 includes 242 and 2430.

h/ 251 includes 2520.

i/ 2610 includes 269.

j/ 2710 includes 2720 and 273.

k/ 281 includes 289.

m/ 291 includes 292 and 2930.

n/ 3110 includes 3120, 3130, 3140, 3150 and 3190.

p/ 3210 includes 3220 and 3230.

q/ 331 includes 3320 and 3330.

r/ 3410 includes 3420 and 3430.

s/ 351 includes 3520, 3530 and 359.

t/ 3610 includes 369.

u/ 3710 includes 3720.

## Czech Republic

ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	Note	(million KORUNAS)				Note	(million KORUNAS)				Note	(million KORUNAS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
ISIC Industry													
151 Processed meat, fish, fruit, vegetables, fats		194309a/	232056a/	80320	78809		41918a/	44588a/	12553	11745		3761	3600
1511 Processing/preserving of meat		...	...	59879	58692		...	...	8522	8066		2597	2456
1512 Processing/preserving of fish		...	...	1274	1891		...	...	148	238		90	91
1513 Processing/preserving of fruit & vegetables		...	...	6246	4711		...	...	1579	1179		318	468
1514 Vegetable and animal oils and fats		...	...	12921	13515		...	...	2304	2262		756	585
1520 Dairy products		...a/	...a/	34814	38942		...a/	...a/	4376	4754		839	1391
153 Grain mill products; starches; animal feeds		...a/	...a/	32699	31451		...a/	...a/	5440	5929		1308	837
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...
1533 Prepared animal feeds		...	...	24147	22992		...	...	4261	4695		1029	579
154 Other food products		...a/	...a/	59194	62748		...a/	...a/	14931	14978		4812	5268
1541 Bakery products		...	...	...	...		...	...	...	...		...	...
1542 Sugar		...	...	...	...		...	...	...	...		...	...
1543 Cocoa, chocolate and sugar confectionery		...	...	...	...		...	...	...	...		...	...
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...
1549 Other food products n.e.c.		...	...	...	...		...	...	...	...		...	...
155 Beverages		...a/	...a/	43878	44013		...a/	...a/	12217	11949		7165	4330
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...
1552 Wines		...	...	...	...		...	...	...	...		...	...
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...	...
1600 Tobacco products		...	...	...	...		...	...	...	...		...	...
171 Spinning, weaving and finishing of textiles		55374b/	55590b/	29914	33349		14149b/	15136b/	8901	9672		3003	3432
1711 Textile fibre preparation; textile weaving		...	...	26974	30867		...	...	8027	8909		2562	3245
1712 Finishing of textiles		...	...	2940	2482		...	...	874	763		441	187
172 Other textiles		...b/	...b/	13501	13900		...b/	...b/	4105	4297		1406	1804
1721 Made-up textile articles, except apparel		...	...	2772	3965		...	...	722	1302		113	125
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...	...
1730 Knitted and crocheted fabrics and articles		...b/	...b/	5448	4987		...b/	...b/	1908	1766		288	219
1810 Wearing apparel, except fur apparel		16878c/	16528c/	19693	18021		7485c/	6035c/	7302	7271		1052	723
1820 Dressing & dyeing of fur; processing of fur		...c/	...c/	881	581		...c/	...c/	194	156		95	35
191 Tanning, dressing and processing of leather		17203d/	16380d/	4519	4319		5225d/	5118d/	1213	1081		120	195
1911 Tanning and dressing of leather		...	...	1868	1489		...	...	280	244		41	76
1912 Luggage, handbags, etc.; saddlery & harness		...	...	2651	2830		...	...	933	837		79	119
1920 Footwear		...d/	...d/	7591	7345		...d/	...d/	2517	2470		309	173
2010 Sawmilling and planing of wood		36331e/	40349e/	12284	13187		11133e/	12183e/	3037	3560		650	498
202 Products of wood, cork, straw, etc.		...e/	...e/	31763	34412		...e/	...e/	8433	8109		3548	2306
2021 Veneer sheets, plywood, particle board, etc.		...	...	6577	7004		...	...	1649	1643		1030	357
2022 Builders' carpentry and joinery		...	...	19268	19256		...	...	4978	4646		1984	1455
2023 Wooden containers		...	...	1380	2304		...	...	294	587		89	177
2029 Other wood products; articles of cork/straw		...	...	4538	5848		...	...	1512	1233		445	317
210 Paper and paper products		36797	33693	34505	38893		9745	7676	7653	7916		3511	5633
2101 Pulp, paper and paperboard		...	...	19883	22064		...	...	4398	4542		1863	2390
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...
221 Publishing		32198f/	37599f/	25749	24934		9078f/	11804f/	6792	7027		1732	1465
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...

continued

## Czech Republic

ISIC Revision 3 ISIC Industry	Output				Value added				Gross fixed capital formation				
	Note	(million KORUNAS)				Note	(million KORUNAS)				(million KORUNAS)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
222 Printing and related service activities		...f/	...f/	16689	20925		...f/	...f/	5658	6781		2155	1706
2221 Printing		...	...	...	...		...	...	...	...		...	...
2222 Service activities related to printing		...	...	...	...		...	...	...	...		...	...
2230 Reproduction of recorded media		...f/	...f/	1195	2161		...f/	...f/	434	541		162	56
2310 Coke oven products		...	...	...	...		...	...	...	...		...	...
2320 Refined petroleum products		...	...	...	...		...	...	...	...		...	...
2330 Processing of nuclear fuel		...	...	...	...		...	...	...	...		...	...
241 Basic chemicals		72696g/	100559g/	61210	61385		20303g/	25156g/	15547	16787		7932	8319
2411 Basic chemicals, except fertilizers		...	...	...	...		...	...	...	...		...	...
2412 Fertilizers and nitrogen compounds		...	...	...	...		...	...	...	...		...	...
2413 Plastics in primary forms; synthetic rubber		...	...	...	...		...	...	...	...		...	...
242 Other chemicals		...g/	...g/	34679	37496		...g/	...g/	10111	9483		2197	3557
2421 Pesticides and other agro-chemical products		...	...	565	657		...	...	202	219		10	34
2422 Paints, varnishes, printing ink and mastics		...	...	3631	3851		...	...	821	884		140	466
2423 Pharmaceuticals, medicinal chemicals, etc.		...	...	13109	11685		...	...	4797	4409		1162	1452
2424 Soap, cleaning & cosmetic preparations		...	...	10763	11612		...	...	2229	1757		437	717
2429 Other chemical products n.e.c.		...	...	6611	9691		...	...	2062	2214		448	888
2430 Man-made fibres		...g/	...g/	1627	1803		...g/	...g/	384	446		182	183
251 Rubber products		37966h/	48027h/	18474	20129		10689h/	14188h/	5931	6352		2049	2912
2511 Rubber tyres and tubes		...	...	...	...		...	...	...	...		...	...
2519 Other rubber products		...	...	...	...		...	...	...	...		...	...
2520 Plastic products		...h/	...h/	40296	44689		...h/	...h/	11242	12034		3680	3615
2610 Glass and glass products		64207i/	75712i/	31797	32565		23374i/	27605i/	12422	12922		4202	2810
269 Non-metallic mineral products n.e.c.		...i/	...i/	54420	57568		...i/	...i/	20598	21701		8342	10460
2691 Pottery, china and earthenware		...	...	...	...		...	...	...	...		...	...
2692 Refractory ceramic products		...	...	...	...		...	...	...	...		...	...
2693 Struct.non-refractory clay; ceramic products		...	...	12225	11159		...	...	5100	4796		2607	1684
2694 Cement, lime and plaster		...	...	11440	11427		...	...	4696	5050		1472	5258
2695 Articles of concrete, cement and plaster		...	...	16524	19188		...	...	5238	5799		3121	1994
2696 Cutting, shaping & finishing of stone		...	...	1516	1467		...	...	428	512		177	71
2699 Other non-metallic mineral products n.e.c.		...	...	3418	4470		...	...	1342	1546		165	477
2710 Basic iron and steel		219590j/	179985j/	120203	124784		30445j/	29369j/	24659	25536		13952	5974
2720 Basic precious and non-ferrous metals		...j/	...j/	12121	13011		...j/	...j/	1715	2152		542	649
273 Casting of metals		...j/	...j/	14644	16192		...j/	...j/	4569	5054		1043	1205
2731 Casting of iron and steel		...	...	...	...		...	...	...	...		...	...
2732 Casting of non-ferrous metals		...	...	...	...		...	...	...	...		...	...
281 Struct.metall products;tanks;steam generators		93512k/	108352k/	40699	57001		32832k/	35918k/	9127	13128		3854	3726
2811 Structural metal products		...	...	18961	25379		...	...	4590	6780		753	1704
2812 Tanks, reservoirs and containers of metal		...	...	11695	13024		...	...	3178	3696		2688	1697
2813 Steam generators		...	...	10043	18598		...	...	1359	2652		413	325
289 Other metal products; metal working services		...k/	...k/	85548	82914		...k/	...k/	26765	27063		7701	6789
2891 Metal forging/pressing/stamping/roll-forming		...	...	3569	6065		...	...	1099	1710		363	363
2892 Treatment & coating of metals		...	...	16937	20468		...	...	5352	6962		2236	2285
2893 Cutlery, hand tools and general hardware		...	...	36733	25408		...	...	11613	9124		2363	1574
2899 Other fabricated metal products n.e.c.		...	...	28309	30973		...	...	8701	9267		2739	2567
291 General purpose machinery		112000m/	127827m/	57399	74759		37868m/	40862m/	18227	18799		6231	3466
2911 Engines & turbines(not for transport equip.)		...	...	...	...		...	...	...	...		...	...
2912 Pumps, compressors, taps and valves		...	...	...	...		...	...	...	...		...	...
2913 Bearings, gears, gearing & driving elements		...	...	...	...		...	...	...	...		...	...
2914 Ovens, furnaces and furnace burners		...	...	...	...		...	...	...	...		...	...
2915 Lifting and handling equipment		...	...	...	...		...	...	...	...		...	...
2919 Other general purpose machinery		...	...	...	...		...	...	...	...		...	...

292 Special purpose machinery	...m/	...m/	73977	74444	...m/	...m/	24752	25797	5304	3735
2921 Agricultural and forestry machinery	...	...	14890	12782	...	...	3750	3189	774	599
2922 Machine tools	...	...	14108	16574	...	...	5328	6150	794	779
2923 Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...
2924 Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...
2925 Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...
2926 Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...
2927 Weapons and ammunition	...	...	...	...	...	...	...	...	...	...
2929 Other special purpose machinery	...	...	...	...	...	...	...	...	...	...
2930 Domestic appliances n.e.c.	...m/	...m/	8765	8085	...m/	...m/	2763	2374	479	559
3000 Office, accounting and computing machinery	2270	2280	1255	3649	618	743	481	551	67	207
3110 Electric motors, generators and transformers	53688n/	61849n/	16826	21045	16254n/	19284n/	5294	5425	1210	1175
3120 Electricity distribution & control apparatus	...n/	...n/	22550	24280	...n/	...n/	7298	7752	2157	4057
3130 Insulated wire and cable	...n/	...n/	7993	8548	...n/	...n/	2086	2160	564	807
3140 Accumulators, primary cells and batteries	...n/	...n/	2917	3412	...n/	...n/	896	940	386	279
3150 Lighting equipment and electric lamps	...n/	...n/	4448	4138	...n/	...n/	1553	1336	446	225
3190 Other electrical equipment n.e.c.	...n/	...n/	17841	20486	...n/	...n/	5335	6642	1628	2166
3210 Electronic valves, tubes, etc.	14037p/	18849p/	6752	8411	5315p/	6100p/	2427	3104	1057	1571
3220 TV/radio transmitters; line comm. apparatus	...p/	...p/	8461	10352	...p/	...p/	2758	3090	451	580
3230 TV and radio receivers and associated goods	...p/	...p/	4460	4925	...p/	...p/	782	634	427	251
331 Medical, measuring, testing appliances, etc.	15263q/	18655q/	19143	23309	6256q/	7354q/	6793	7997	1166	1069
3311 Medical, surgical and orthopaedic equipment	...	...	4826	8522	...	...	2214	3501	377	302
3312 Measuring/testing/navigating appliances, etc.	...	...	11008	11741	...	...	3617	3738	690	706
3313 Industrial process control equipment	...	...	3309	3046	...	...	962	758	98	61
3320 Optical instruments & photographic equipment	...q/	...q/	2211	2645	...q/	...q/	993	1128	243	321
3330 Watches and clocks	...q/	...q/	278	433	...q/	...q/	69	129	6	52
3410 Motor vehicles	76444r/	98407r/	102272	118352	15928r/	21018r/	19613	20521	8144	9627
3420 Automobile bodies, trailers & semi-trailers	...r/	...r/	4116	5920	...r/	...r/	889	1087	353	248
3430 Parts/accessories for automobiles	...r/	...r/	34965	44173	...r/	...r/	10069	12565	4845	4406
351 Building and repairing of ships and boats	22487s/	27000s/	400	393	6766s/	7308s/	181	136	6	9
3511 Building and repairing of ships	...	...	...	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	...s/	...s/	15631	10941	...s/	...s/	6596	3626	1094	649
3530 Aircraft and spacecraft	...s/	...s/	4122	4014	...s/	...s/	881	1060	445	375
359 Transport equipment n.e.c.	...s/	...s/	4746	3261	...s/	...s/	1318	722	166	85
3591 Motorcycles	...	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	1554	214	...	...	521	45	63	5
3610 Furniture	39948t/	48177t/	27797	33297	14166t/	16326t/	6976	8256	1754	1458
369 Manufacturing n.e.c.	...t/	...t/	22830	18536	...t/	...t/	7534	6652	1687	1126
3691 Jewellery and related articles	...	...	2962	2011	...	...	766	630	101	53
3692 Musical instruments	...	...	2211	2182	...	...	929	928	107	142
3693 Sports goods	...	...	2974	2242	...	...	885	595	144	79
3694 Games and toys	...	...	1150	1040	...	...	420	378	77	82
3699 Other manufacturing n.e.c.	...	...	13533	11061	...	...	4534	4121	1258	770
3710 Recycling of metal waste and scrap	11116u/	9450u/	8842	8259	2119u/	1788u/	1726	1094	512	259
3720 Recycling of non-metal waste and scrap	...u/	...u/	1551	1544	...u/	...u/	409	318	184	98
D Total manufacturing	1296686	1419906	1519765	1617062	337157	362696	400511	417068	134995	124721

a/ 151 includes 1520, 153, 154 and 155.

b/ 171 includes 172 and 1730.

c/ 1810 includes 1820.

d/ 191 includes 1920.

e/ 2010 includes 202.

f/ 221 includes 222 and 2230.

g/ 241 includes 242 and 2430.

h/ 251 includes 2520.

i/ 2610 includes 269.

j/ 2710 includes 2720 and 273.

k/ 281 includes 289.

m/ 291 includes 292 and 2930.

n/ 3110 includes 3120, 3130, 3140, 3150 and 3190.

p/ 3210 includes 3220 and 3230.

q/ 331 includes 3320 and 3330.

r/ 3410 includes 3420 and 3430.

s/ 351 includes 3520, 3530 and 359.

t/ 3610 includes 369.

u/ 3710 includes 3720.

## Czech Republic

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15 Food and beverages		...	...	...	...	...	...	...	...	...	...	...	...
16 Tobacco products		...	...	...	...	...	...	...	...	...	...	...	...
17 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
18 Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...	...
19 Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...	...
21 Paper and paper products		...	...	...	...	...	...	...	...	...	...	...	...
22 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
23 Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24 Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...	...
25 Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26 Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
27 Basic metals		...	...	...	...	...	...	...	...	...	...	...	...
28 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
29 Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
30 Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...	...
32 Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...	...
35 Other transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37 Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		...	...	...	100	57	57	57	57	61	62	66	69

## DENMARK

**Supplier of information:**

Danmarks Statistik, Copenhagen.  
Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.

**Basic source of data:**

Surveys based partly on the establishment as a local unit (employment, wages and salaries, gross fixed capital formation) and partly on kind-of-activity units (output, value added).

**Major deviations from ISIC (Revision 3):**

The data presented in ISIC (Revision 3) were originally classified according to NACE (Revision 1).

**Reference period (if not calendar year):****Scope:**

The figures for number of establishments, employment and wages and salaries were derived from the register-based statistics of establishments and employment. All establishments with any number of employees in manufacturing are covered.

**Method of enumeration:**

Not reported.

**Adjusted for non-response:**

Not reported.

**Concepts and definitions of variables:**

Number of employees refers to all full-time and part-time employees and all self-employed at end November.

Wages and salaries include all outlays of these kinds reported to the tax authorities by establishments operating during the year. This means that outlays even in establishments, which are not in activity at end November, are included in the figures.

Output and Value added use the national accounting concept. They are valued in basic values.

**Related national publications:**

## Denmark

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million KRÖNER)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		631	594	550	522		36379	35830	34879	34775		7829	7728	7783	8069
1511 Processing/preserving of meat		313	293	281	276		23152	23166	23221	23721		5404	5402	5498	5881
1512 Processing/preserving of fish		230	219	193	177		8938	8514	7579	7244		1519	1442	1390	1313
1513 Processing/preserving of fruit & vegetables		68	64	59	53		3263	3126	3015	2818		644	623	616	592
1514 Vegetable and animal oils and fats		20	18	17	16		1026	1024	1064	992		262	261	279	283
1520 Dairy products		180	162	153	135		12356	12216	12236	11592		2791	2809	2877	2778
153 Grain mill products; starches; animal feeds		103	106	100	99		3175	3122	3021	2843		706	705	697	674
1531 Grain mill products		24	26	24	24		935	939	836	568		232	240	229	147
1532 Starches and starch products		7	6	7	6		280	208	203	184		60	44	41	38
1533 Prepared animal feeds		72	74	69	69		1960	1975	1982	2091		414	421	427	489
154 Other food products		1616	1559	1534	1472		30790	30135	29301	28914		4419	4496	4506	4677
1541 Bakery products		1471	1421	1400	1333		20964	20619	20429	19989		2278	2356	2451	2528
1542 Sugar		10	8	9	7		1596	1502	1512	1507		343	334	373	365
1543 Cocoa, chocolate and sugar confectionery		42	43	44	48		3278	3254	3310	3230		623	610	643	676
1544 Macaroni, noodles & similar products		9	8	6	6		74	54	29	27		10	9	7	5
1549 Other food products n.e.c.		84	...	...	78		4878	...	...	...		1165	...	...	...
155 Beverages		65	63	59	57		6925	6463	6619	6466		1751	1715	1749	1793
1551 Distilling, rectifying & blending of spirits		10a/	...	...	...		571a/	...	...	...		127a/	...	...	...
1552 Wines		...a/	...	...	...		...a/	...	...	...		...a/	...	...	...
1553 Malt liquors and malt		27	27	25	25		4921	4520	4392	4180		1320	1260	1253	1259
1554 Soft drinks; mineral waters		28	27	26	25		1433	1394	1665	1725		304	326	369	408
1600 Tobacco products		13	13	12	12		1472	1404	1354	1415		324	325	325	344
171 Spinning, weaving and finishing of textiles		156	153	136	131		2233	2145	2199	1973		447	436	442	426
1711 Textile fibre preparation; textile weaving		103	94	79	74		1276	1219	1263	1183		265	252	262	259
1712 Finishing of textiles		53	59	57	57		957	926	936	790		182	184	180	167
172 Other textiles		535	543	530	481		5891	5667	5636	5542		1065	1083	1113	1114
1721 Made-up textile articles, except apparel		349	362	355	323		3397	3240	3163	3090		550	556	563	563
1722 Carpets and rugs		30	28	30	30		924	920	911	896		212	211	217	221
1723 Cordage, rope, twine and netting		74	70	64	63		528	536	535	554		94	97	99	104
1729 Other textiles n.e.c.		82	...	...	...		1042	...	...	...		209	...	...	...
1730 Knitted and crocheted fabrics and articles		185	149	138	119		3039	2502	2186	2086		535	460	437	438
1810 Wearing apparel, except fur apparel		1069	998	897	812		7520	6294	5417	5194		1188	1066	986	951
1820 Dressing & dyeing of fur; processing of fur		80	78	77	72		201	210	197	195		18	19	21	22
191 Tanning, dressing and processing of leather		83	72	62	62		527	535	488	422		91	94	83	79
1911 Tanning and dressing of leather		6	7	6	5		195	235	229	181		43	48	43	40
1912 Luggage, handbags, etc.; saddlery & harness		77	65	56	57		332	300	259	241		48	46	40	39
1920 Footwear		106	101	88	78		1348	1128	1140	1148		259	226	230	247
2010 Sawmilling and planing of wood		196	196	188	179		1998	2044	2129	2093		343	353	391	402
202 Products of wood, cork, straw, etc.		742	715	700	674		13713	14323	14357	14728		2654	2726	2888	3043
2021 Veneer sheets, plywood, particle board, etc.		57	60	62	58		1434	1548	1622	1380		263	287	313	278
2022 Builders' carpentry and joinery		280	268	271	277		9609	10066	10311	10925		1946	1981	2141	2320
2023 Wooden containers		83	80	86	81		952	892	886	908		155	157	161	166
2029 Other wood products; articles of cork/straw		322	307	281	258		1718	1817	1538	1515		290	301	273	279
210 Paper and paper products		252	244	249	244		10304	9992	10354	10125		2457	2458	2632	2652
2101 Pulp, paper and paperboard		24	26	27	28		1255	1237	1363	1409		321	334	370	400
2102 Corrugated paper and paperboard		113	100	101	95		5613	5452	5625	5360		1333	1348	1442	1410
2109 Other articles of paper and paperboard		115	118	121	121		3436	3303	3366	3356		803	776	820	841
221 Publishing		1391	1464	1437	1401		33522	35015	35711	35261		5245	5565	5726	5986
2211 Publishing of books and other publications		537	533	525	513		3348	3552	3618	3991		699	770	779	954
2212 Publishing of newspapers, journals, etc.		467	495	505	505		28160	29602	30573	29567		4128	4424	4668	4753
2213 Publishing of recorded media		72	104	110	101		136	138	109	267		21	24	19	53
2219 Other publishing		315	332	297	282		1878	1723	1411	1436		398	347	261	226

222 Printing and related service activities	1991	1937	1876	1776	16963	16740	16053	16525	3822	4009	3955	4073
2221 Printing	1360	1326	1286	1222	12376	12087	11597	12416	2757	2863	2832	3045
2222 Service activities related to printing	631	611	590	554	4587	4653	4456	4109	1065	1146	1124	1029
2230 Reproduction of recorded media	27	39	51	50	224	273	547	683	43	55	109	139
2310 Coke oven products	...	...	...	...	...	...	...	...	...	...	...	...
2320 Refined petroleum products	18	16	15	14	989	928	815	762	302	304	291	273
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
241 Basic chemicals	94	96	98	90	5955	6674	5105	4973	1622	1948	1527	1536
2411 Basic chemicals, except fertilizers	42	43	47	43	4467	5149	3588	3632	1276	1582	1152	1176
2412 Fertilizers and nitrogen compounds	12	12	11	9	744	705	701	585	189	183	186	175
2413 Plastics in primary forms; synthetic rubber	40	...	...	...	744	...	...	...	157	...	...	...
242 Other chemicals	366	357	343	324	22020	20235	21978	22128	5769	5565	6456	6757
2421 Pesticides and other agro-chemical products	12	12	10	8	108	940	983	966	23	266	277	281
2422 Paints, varnishes, printing ink and mastics	87	83	76	78	2920	2938	2993	2705	725	751	790	749
2423 Pharmaceuticals, medicinal chemicals, etc.	90	88	95	87	12349	11053	13235	13819	3542	3316	4230	4556
2424 Soap, cleaning & cosmetic preparations	108	106	102	92	3548	3268	3217	3263	762	754	765	799
2429 Other chemical products n.e.c.	69b/	68	60	59	3095b/	2036	1550	1375	717b/	478	394	372
2430 Man-made fibres	...b/	3	3	4	...b/	1112	1157	1202	...b/	281	297	312
251 Rubber products	118	112	107	93	2540	2469	2555	2276	543	542	565	559
2511 Rubber tyres and tubes	70	64	60	50	292	283	240	224	53	52	48	43
2519 Other rubber products	48	48	47	43	2248	2186	2315	2052	490	490	517	516
2520 Plastic products	612	624	619	616	18560	19043	19878	20817	3807	4086	4380	4693
2610 Glass and glass products	191	189	187	184	4615	4353	4555	5265	918	881	957	1073
269 Non-metallic mineral products n.e.c.	1127	1090	1070	1038	15513	...	15632	14330	3567	...	3709	3995
2691 Pottery, china and earthenware	386c/	...	...	335	1352c/	...	...	...	268c/	...	...	...
2692 Refractory ceramic products	...c/	4	4	3	...	51	15	55	...	12	3	11
2693 Struct.non-refractory clay; ceramic products	39	42	40	36	928	...	897	...	189	...	203	...
2694 Cement, lime and plaster	14	10	13	10	841	778	782	788	220	209	223	219
2695 Articles of concrete, cement and plaster	429	409	407	394	8111	8132	8306	8393	1906	1844	1962	2061
2696 Cutting, shaping & finishing of stone	135	130	128	132	496	492	543	581	95	92	104	113
2699 Other non-metallic mineral products n.e.c.	124	125	125	128	3785	3998	3850	4513	889	963	950	1120
2710 Basic iron and steel	101	104	113	121	5466	5306	5912	6174	1210	1246	1409	1459
2720 Basic precious and non-ferrous metals	46	44	44	43	2183	2116	2187	2412	516	523	542	619
273 Casting of metals	42	42	38	59	104	121	132	1930	18	22	22	427
2731 Casting of iron and steel	7	7	7	20	15	11	13	1551	1	2	2	351
2732 Casting of non-ferrous metals	35	35	31	39	89	110	119	379	17	21	19	76
281 Struct.metal products;tanks;steam generators	502	521	557	556	15525	15766	17052	16820	3414	3577	3998	4017
2811 Structural metal products	416	439	470	481	11477	11860	13191	13299	2462	2603	2982	3093
2812 Tanks, reservoirs and containers of metal	77	72	76	66	2342	2231	2195	2174	493	470	500	501
2813 Steam generators	9	10	11	9	1706	1675	1666	1347	459	504	516	423
289 Other metal products; metal working services	3515	3432	3292	3210	31813	30195	29489	28683	6143	6107	6066	6010
2891 Metal forging/pressing/stamping/roll-forming	12	20	24	25	30	42	74	80	5	7	11	14
2892 Treatment & coating of metals	2347	2225	2122	2056	11979	10567	9862	10102	2223	2054	1949	2010
2893 Cutlery, hand tools and general hardware	297	310	306	291	4339	4266	4094	4218	873	887	879	911
2899 Other fabricated metal products n.e.c.	859	877	840	838	15465	15320	15459	14283	3042	3159	3227	3075
291 General purpose machinery	1029	1005	1009	995	44602	43157	44302	45025	9969	10248	10628	11060
2911 Engines & turbines(not for transport equip.)	70	70	74	68	3085	3218	3056	3056	781	866	863	894
2912 Pumps, compressors, taps and valves	167	170	182	174	20819	19284	19276	19261	4362	4380	4365	4493
2913 Bearings, gears, gearing & driving elements	37	35	37	35	839	734	763	775	178	164	172	181
2914 Ovens, furnaces and furnace burners	37	33	39	40	362	344	394	386	76	72	84	83
2915 Lifting and handling equipment	251	241	237	243	8812	8608	8362	9188	2079	2087	1974	2245
2919 Other general purpose machinery	467	456	440	435	10685	10969	12451	12359	2492	2679	3171	3163
292 Special purpose machinery	1210	1185	1223	1229	23807	23117	23737	23414	5260	5347	5538	5836
2921 Agricultural and forestry machinery	366	356	386	400	5917	6019	6644	6758	1137	1217	1411	1644
2922 Machine tools	161	150	159	154	2854	2545	2518	2403	594	565	567	570
2923 Machinery for metallurgy	25	27	24	23	175	171	89	119	37	37	19	24
2924 Machinery for mining & construction	57	53	59	55	2566	2395	2336	2574	597	610	590	662
2925 Food/beverage/tobacco processing machinery	167	173	169	167	4970	4656	4782	4695	1221	1187	1222	1269
2926 Machinery for textile, apparel and leather	32	31	27	27	875	743	748	724	185	166	177	159
2927 Weapons and ammunition	8	5	7	6	13	12	14	12	4	2	3	2
2929 Other special purpose machinery	394	390	392	397	6437	6576	6606	6129	1485	1562	1548	1506
2930 Domestic appliances n.e.c.	89	76	72	66	6892	5973	6015	5486	1495	1356	1322	1305

continued



## Denmark

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million KRONER)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
ISIC Industry															
3000 Office, accounting and computing machinery		140	128	111	115		2009	1985	1900	2194		551	547	486	573
3110 Electric motors, generators and transformers		79	80	83	78		4410	4351	5220	6028		936	981	1175	1403
3120 Electricity distribution & control apparatus		150	158	158	153		3861	3977	4062	4180		835	900	913	988
3130 Insulated wire and cable		31	31	30	32		1411	1537	1796	1999		320	347	409	476
3140 Accumulators, primary cells and batteries		20	17	14	12		273	260	271	208		58	64	61	49
3150 Lighting equipment and electric lamps		201	173	168	161		2719	2768	2528	2516		524	539	517	528
3190 Other electrical equipment n.e.c.		582	554	506	497		3455	3710	2494	2569		659	692	519	540
3210 Electronic valves, tubes, etc.		104	99	98	94		2801	2985	3638	3530		592	637	820	842
3220 TV/radio transmitters; line comm. apparatus		51	52	46	43		2979	3062	2605	3274		717	771	706	826
3230 TV and radio receivers and associated goods		107	104	102	103		5671	5865	6307	6384		1098	1167	1329	1368
331 Medical, measuring, testing appliances, etc.		621	633	641	596		14152	13360	13473	13266		3237	3235	3302	3303
3311 Medical, surgical and orthopaedic equipment		386	387	390	363		7741	7777	7342	7286		1654	1697	1708	1710
3312 Measuring/testing/navigating appliances, etc.		153	169	180	164		6038	5243	5815	5613		1508	1472	1529	1501
3313 Industrial process control equipment		82	77	71	69		373	340	316	367		75	66	65	92
3320 Optical instruments & photographic equipment		49	47	45	39		1415	1570	1615	1591		330	346	417	430
3330 Watches and clocks		3	3	5	5		10	6	8	16		2	1	1	2
3410 Motor vehicles		...	...	...	...		...	...	...	...		...	...	...	...
3420 Automobile bodies, trailers & semi-trailers		134	136	129	118		4320	4463	4676	4467		854	958	1010	1033
3430 Parts/accessories for automobiles		80	74	68	66		3524	3348	3377	3543		689	693	707	784
351 Building and repairing of ships and boats		396	379	379	367		12108	10842	10246	9447		2983	2649	2578	2360
3511 Building and repairing of ships		205	192	181	177		10866	9762	8660	7804		2738	2443	2239	2007
3512 Building/repairing of pleasure/sport. boats		191	187	198	190		1242	1080	1586	1643		246	206	338	353
3520 Railway/tramway locomotives & rolling stock		7	6	5	6		717	672	688	434		165	169	170	135
3530 Aircraft and spacecraft		44	46	45	46		734	787	996	1066		166	191	261	290
359 Transport equipment n.e.c.		64	64	62	64		1255	1131	1212	1386		243	240	247	303
3591 Motorcycles		...d/	22	...	...		...d/	272	...	...		...d/	61	...	...
3592 Bicycles and invalid carriages		50d/	...	45	46		860d/	...	759	799		157d/	...	154	178
3599 Other transport equipment n.e.c.		14	16	17	18		395	368	453	587		86	81	92	125
3610 Furniture		1583	1572	1534	1460		25038	24828	25347	25628		4584	4525	4830	5021
369 Manufacturing n.e.c.		1067	1080	1057	1005		8219	8203	8974	8799		1514	1553	1780	1852
3691 Jewellery and related articles		309	302	301	300		950	943	979	966		168	178	191	190
3692 Musical instruments		82	85	82	79		248	255	262	249		51	52	55	53
3693 Sports goods		42	40	35	33		415	399	398	417		87	82	85	96
3694 Games and toys		89	97	94	88		4013	4005	4705	4616		827	828	1036	1091
3699 Other manufacturing n.e.c.		545	556	545	505		2593	2601	2630	2551		381	413	413	422
3710 Recycling of metal waste and scrap		17	21	19	15		224	187	177	166		46	42	38	38
3720 Recycling of non-metal waste and scrap		13	13	17	15		165	167	189	191		40	44	49	48
D Total manufacturing		24024	23552	22949	22108		490634	466667	486124	488701		101688	99652	106982	111027

- a/ 1551 includes 1552.  
b/ 2429 includes 2430.  
c/ 2691 includes 2692.  
d/ 3592 includes 3591.

## Denmark

ISIC Revision 3 ISIC Industry	Output a/ (million KRONER)				Value added a/ (million KRONER)				Gross fixed capital formation (million KRONER)				
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		56543	55208	56634	56071		10901	10866	10832	12215		...	...
1511 Processing/preserving of meat		38746	38023	39005	38617		7299	7320	7297	8229		...	...
1512 Processing/preserving of fish		10347	9650	9899	9801		2182	2055	2048	2310		...	...
1513 Processing/preserving of fruit & vegetables		4595	4900	5026	4976		1041	1192	1188	1340		...	...
1514 Vegetable and animal oils and fats		2855	2635	2703	2677		379	299	298	336		...	...
1520 Dairy products		21811	20610	21142	20932		3501	3208	3198	3607		...	...
153 Grain mill products; starches; animal feeds	b/	14891	15107	15498	15344	b/	4034	4207	4194	4729		...	...
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...
1533 Prepared animal feeds		...	...	...	...		...	...	...	...		...	...
154 Other food products		11499	11279	11571	11456		4702	4611	4596	5183		...	...
1541 Bakery products		8689	8470	8688	8602		3665	3691	3680	4150		...	...
1542 Sugar		2809	2810	2882	2854		1037	919	917	1034		...	...
1543 Cocoa, chocolate and sugar confectionery	b/	...	...	...	...	b/	...	...	...	...		...	...
1544 Macaroni, noodles & similar products	b/	...	...	...	...	b/	...	...	...	...		...	...
1549 Other food products n.e.c.	b/	...	...	...	...	b/	...	...	...	...		...	...
155 Beverages		9056	8628	8850	8762		3239	2641	2633	2969		...	...
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...
1552 Wines		...	...	...	...		...	...	...	...		...	...
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...	...
1600 Tobacco products		3035	3203	3286	3253		1438	1618	1613	1819		...	...
171 Spinning, weaving and finishing of textiles	c/	8398	7703	7695	7785	c/	3091	2948	2699	3122		...	...
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...		...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...
172 Other textiles	c/	...	...	...	...	c/	...	...	...	...		...	...
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...	...
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...	...
1730 Knitted and crocheted fabrics and articles	c/	...	...	...	...	c/	...	...	...	...		...	...
1810 Wearing apparel, except fur apparel	d/	5403	5845	5839	5907	d/	1962	1953	1788	2068		...	...
1820 Dressing & dyeing of fur; processing of fur	d/	...	...	...	...	d/	...	...	...	...		...	...
191 Tanning, dressing and processing of leather	e/	2092	1988	1986	2009	e/	534	358	328	379		...	...
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...		...	...
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...	...
1920 Footwear	e/	...	...	...	...	e/	...	...	...	...		...	...
2010 Sawmilling and planing of wood	f/	11828	11220	11941	12408	f/	4255	4100	4195	4574		...	...
202 Products of wood, cork, straw, etc.	f/	...	...	...	...	f/	...	...	...	...		...	...
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...		...	...	...	...		...	...
2022 Builders' carpentry and joinery		...	...	...	...		...	...	...	...		...	...
2023 Wooden containers		...	...	...	...		...	...	...	...		...	...
2029 Other wood products; articles of cork/straw		...	...	...	...		...	...	...	...		...	...
210 Paper and paper products		10154	10272	10933	11360		3719	3774	3862	4210		...	...
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...	...
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...
221 Publishing		15293	16574	17639	18328		6572	7006	7169	7817		...	...
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...

continued

## Denmark

ISIC Revision 3 ISIC Industry	Output a/ (million KRONER)				Value added a/ (million KRONER)				Gross fixed capital formation (million KRONER)				
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222 Printing and related service activities	g/	12395	13196	14045	14593	g/	5840	6143	6286	6854		...	...
2221 Printing		...	...	...	...		...	...	...	...		...	...
2222 Service activities related to printing		...	...	...	...		...	...	...	...		...	...
2230 Reproduction of recorded media	g/	...	...	...	...	g/	...	...	...	...		...	...
2310 Coke oven products	h/	8756	12162	13042	13129	h/	279	457	478	469		...	...
2320 Refined petroleum products	h/	...	...	...	...	h/	...	...	...	...		...	...
2330 Processing of nuclear fuel		...	...	...	...		...	...	...	...		...	...
241 Basic chemicals		7666	7424	7961	8014		3124	3390	3539	3472		...	...
2411 Basic chemicals, except fertilizers		5336	5010	5372	5408		2513	2766	2888	2833		...	...
2412 Fertilizers and nitrogen compounds		1488	1531	1642	1653		315	318	332	326		...	...
2413 Plastics in primary forms; synthetic rubber		842	883	947	953		296	306	319	313		...	...
242 Other chemicals		26035	27904	29922	30122		11480	11141	11632	11412		...	...
2421 Pesticides and other agro-chemical products		1410	1486	1593	1604		561	664	693	680		...	...
2422 Paints, varnishes, printing ink and mastics		3532	3614	3875	3901		1009	1111	1160	1138		...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		14088	15448	16565	16676		7382	6894	7198	7062		...	...
2424 Soap, cleaning & cosmetic preparations	i/	7005	7356	7888	7941	i/	2529	2472	2581	2533		...	...
2429 Other chemical products n.e.c.	i/	...	...	...	...	i/	...	...	...	...		...	...
2430 Man-made fibres	i/	...	...	...	...	i/	...	...	...	...		...	...
251 Rubber products	j/	16374	17312	18565	18689	j/	6756	7386	7712	7566		...	...
2511 Rubber tyres and tubes		...	...	...	...		...	...	...	...		...	...
2519 Other rubber products		...	...	...	...		...	...	...	...		...	...
2520 Plastic products	j/	...	...	...	...	j/	...	...	...	...		...	...
2610 Glass and glass products	k/	3951	4115	4019	4181	k/	1702	1795	1778	1776		...	...
269 Non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...		...	...
2691 Pottery, china and earthenware	k/	...	...	...	...	k/	...	...	...	...		...	...
2692 Refractory ceramic products	m/	12824	12726	12427	12928	m/	5458	5557	5507	5498		...	...
2693 Struct.non-refractory clay; ceramic products	m/	...	...	...	...	m/	...	...	...	...		...	...
2694 Cement, lime and plaster	m/	...	...	...	...	m/	...	...	...	...		...	...
2695 Articles of concrete, cement and plaster	m/	...	...	...	...	m/	...	...	...	...		...	...
2696 Cutting, shaping & finishing of stone	m/	...	...	...	...	m/	...	...	...	...		...	...
2699 Other non-metallic mineral products n.e.c.	m/	...	...	...	...	m/	...	...	...	...		...	...
2710 Basic iron and steel		2337	2269	2387	2521		691	644	678	725		...	...
2720 Basic precious and non-ferrous metals		6548	5745	6046	6383		2056	1935	2038	2180		...	...
273 Casting of metals		1672	1580	1663	1756		813	744	784	839		...	...
2731 Casting of iron and steel		...	...	...	...		...	...	...	...		...	...
2732 Casting of non-ferrous metals		...	...	...	...		...	...	...	...		...	...
281 Struct.metal products;tanks;steam generators	n/	28653	29667	31221	32963	n/	13168	13331	14040	15024		...	...
2811 Structural metal products		...	...	...	...		...	...	...	...		...	...
2812 Tanks, reservoirs and containers of metal		...	...	...	...		...	...	...	...		...	...
2813 Steam generators		...	...	...	...		...	...	...	...		...	...
289 Other metal products; metal working services	n/	...	...	...	...	n/	...	...	...	...		...	...
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	...		...	...	...	...		...	...
2892 Treatment & coating of metals		...	...	...	...		...	...	...	...		...	...
2893 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...		...	...
2899 Other fabricated metal products n.e.c.		...	...	...	...		...	...	...	...		...	...
291 General purpose machinery		15772	15567	16383	17297		8196	7747	8159	8731		...	...
2911 Engines & turbines(not for transport equip.)		...	...	...	...		...	...	...	...		...	...
2912 Pumps, compressors, taps and valves		...	...	...	...		...	...	...	...		...	...
2913 Bearings, gears, gearing & driving elements		...	...	...	...		...	...	...	...		...	...
2914 Ovens, furnaces and furnace burners		...	...	...	...		...	...	...	...		...	...
2915 Lifting and handling equipment		...	...	...	...		...	...	...	...		...	...
2919 Other general purpose machinery		...	...	...	...		...	...	...	...		...	...

292	Special purpose machinery		34698	34180	35971	37977		13984	13460	14176	15169		
2921	Agricultural and forestry machinery		4260	4828	5081	5365		1704	1918	2020	2162		
2922	Machine tools	p/	...	...	...	...	p/	...	...	...	...		
2923	Machinery for metallurgy	p/	...	...	...	...	p/	...	...	...	...		
2924	Machinery for mining & construction	p/	...	...	...	...	p/	...	...	...	...		
2925	Food/beverage/tobacco processing machinery	p/	...	...	...	...	p/	...	...	...	...		
2926	Machinery for textile, apparel and leather	p/	...	...	...	...	p/	...	...	...	...		
2927	Weapons and ammunition	p/	...	...	...	...	p/	...	...	...	...		
2929	Other special purpose machinery	p/	30439	29352	30890	32613	p/	12281	11542	12166	13008		
2930	Domestic appliances n.e.c.		5424	4780	5030	5311		1822	1780	1875	2006		
3000	Office, accounting and computing machinery		1708	2283	2402	2536		623	1012	1066	1141		
3110	Electric motors, generators and transformers	q/	14774	16220	17070	18022	q/	5449	5583	5880	6292		
3120	Electricity distribution & control apparatus	q/	...	...	...	...	q/	...	...	...	...		
3130	Insulated wire and cable	q/	...	...	...	...	q/	...	...	...	...		
3140	Accumulators, primary cells and batteries	q/	...	...	...	...	q/	...	...	...	...		
3150	Lighting equipment and electric lamps	q/	...	...	...	...	q/	...	...	...	...		
3190	Other electrical equipment n.e.c.	q/	...	...	...	...	q/	...	...	...	...		
3210	Electronic valves, tubes, etc.	r/	8899	10749	11312	11943	r/	3595	3947	4157	4448		
3220	TV/radio transmitters; line comm. apparatus	r/	...	...	...	...	r/	...	...	...	...		
3230	TV and radio receivers and associated goods	r/	...	...	...	...	r/	...	...	...	...		
331	Medical, measuring, testing appliances, etc.	s/	10972	11450	12050	12722	s/	5113	5541	5835	6244		
3311	Medical, surgical and orthopaedic equipment		...	...	...	...		...	...	...	...		
3312	Measuring/testing/navigating appliances, etc.		...	...	...	...		...	...	...	...		
3313	Industrial process control equipment		...	...	...	...		...	...	...	...		
3320	Optical instruments & photographic equipment	s/	...	...	...	...	s/	...	...	...	...		
3330	Watches and clocks	s/	...	...	...	...	s/	...	...	...	...		
3410	Motor vehicles	t/	5712	6391	6726	7101	t/	2193	2132	2245	2402		
3420	Automobile bodies, trailers & semi-trailers	t/	...	...	...	...	t/	...	...	...	...		
3430	Parts/accessories for automobiles	t/	...	...	...	...	t/	...	...	...	...		
351	Building and repairing of ships and boats		9408	10038	10564	11154		3537	3208	3378	3615		
3511	Building and repairing of ships		...	...	...	...		...	...	...	...		
3512	Building/repairing of pleasure/sport boats		...	...	...	...		...	...	...	...		
3520	Railway/tramway locomotives & rolling stock	u/	...	...	...	...	u/	...	...	...	...		
3530	Aircraft and spacecraft	u/	...	...	...	...	u/	...	...	...	...		
359	Transport equipment n.e.c.	u/	1921	2242	2359	2491	u/	762	757	797	853		
3591	Motorcycles		...	...	...	...		...	...	...	...		
3592	Bicycles and invalid carriages		...	...	...	...		...	...	...	...		
3599	Other transport equipment n.e.c.		...	...	...	...		...	...	...	...		
3610	Furniture		17510	17310	18301	19487		6727	6842	7110	7334		
369	Manufacturing n.e.c.		5807	6074	6421	6838		2612	2547	2647	2730		
3691	Jewellery and related articles		...	...	...	...		...	...	...	...		
3692	Musical instruments		...	...	...	...		...	...	...	...		
3693	Sports goods		...	...	...	...		...	...	...	...		
3694	Games and toys		...	...	...	...		...	...	...	...		
3699	Other manufacturing n.e.c.		...	...	...	...		...	...	...	...		
3710	Recycling of metal waste and scrap	v/	793	660	698	743	v/	165	170	177	182		
3720	Recycling of non-metal waste and scrap	v/	...	...	...	...	v/	...	...	...	...		
D	Total manufacturing		430615	439682	459599	472515		154095	154538	159080	169658		

a/ Data are derived from national accounts.

b/ 153 includes 1543, 1544 and 1549.

c/ 171 includes 172 and 1730.

d/ 1810 includes 1820.

e/ 191 includes 1920.

f/ 2010 includes 202.

g/ 222 includes 2230.

h/ 2310 includes 2320.

i/ 2424 includes 2429 and 2430.

j/ 251 includes 2520.

k/ 2610 includes 2691.

m/ 2692 includes 2693, 2694, 2695, 2696 and 2699.

n/ 281 includes 289.

p/ 2929 includes 2922, 2923, 2924, 2925, 2926 and 2927.

q/ 3110 includes 3120, 3130, 3140, 3150 and 3190.

r/ 3210 includes 3220 and 3230.

s/ 331 includes 3320 and 3330.

t/ 3410 includes 3420 and 3430.

u/ 359 includes 3520 and 3530.

v/ 3710 includes 3720.

## Denmark

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		94	97	96	100	102	105	107	114	110	108	114	113
16	Tobacco products		103	99	101	100	125	111	106	99	98	93	94	94
17	Textiles		107	103	104	100	98	92	87	89	86	93	86	93
18	Wearing apparel, fur		123	106	100	100	108	105	98	104	107	107	111	110
19	Leather, leather products and footwear		115	93	94	100	111	118	122	142	130	119	130	137
20	Wood products (excl. furniture)		114	109	104	100	95	105	108	128	140	136	154	162
21	Paper and paper products		92	97	99	100	104	104	89	101	103	96	101	98
22	Printing and publishing		99	105	99	100	100	103	105	110	117	130	134	129
23	Coke, refined petroleum products, nuclear fuel		109	109	106	100	104	108	108	114	121	135	117	98
24	Chemicals and chemical products		90	93	98	100	101	110	109	122	134	140	153	163
25	Rubber and plastics products		93	100	101	100	98	104	101	112	111	111	119	123
26	Non-metallic mineral products		105	104	101	100	96	93	88	101	107	107	112	117
27	Basic metals		95	96	103	100	105	118	122	130	133	125	138	136
28	Fabricated metal products		94	92	100	100	100	105	93	106	111	116	115	123
29	Machinery and equipment n.e.c.		91	98	102	100	98	100	94	102	111	109	115	117
30	Office, accounting and computing machinery		72	82	97	100	84	111	114	124	143	176	108	86
31	Electrical machinery and apparatus		97	98	100	100	91	87	85	101	125	133	148	151
32	Radio, television and communication equipment		102	99	101	100	96	112	114	120	123	153	160	171
33	Medical, precision and optical instruments		94	101	102	100	103	109	112	129	134	144	169	177
34	Motor vehicles, trailers, semi-trailers		86	83	94	100	99	97	77	122	136	141	166	181
35	Other transport equipment		85	84	86	100	106	108	98	112	117	108	103	100
36	Furniture; manufacturing n.e.c.		94	94	100	100	101	102	99	111	114	111	114	122
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		95	97	100	100	100	104	101	111	116	118	124	127

## ECUADOR

<p><b>Supplier of information:</b> Instituto Nacional de Estadística y Censos (INEC), Quito. The index numbers of industrial production are compiled by the Banco del Ecuador.</p> <p><b>Basic source of data:</b> Annual survey of manufacturing and mining.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Establishments with 10 or more persons engaged.</p> <p><b>Method of enumeration:</b> Questionnaires were distributed by mail with follow-up site visits as required.</p> <p><b>Adjusted for non-response:</b> No.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of employees</u> is as of the last pay period in November of the reference year. <u>Output</u> is gross output. <u>Value added</u> is total value added.</p> <p><b>Related national publications:</b> Encuesta Anual de Manufacturera y Minería (annual), published by the Instituto Nacional de Estadística y Censos (INEC), Quito.</p>
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## Ecuador

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million SUCRES)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		164	167	183	200		19673	21251	25926	29587		120401	171791	239005	375581
1511 Processing/preserving of meat		29	31	31	29		2668	2745	3351	3550		15658	17088	22111	35201
1512 Processing/preserving of fish		92	96	111	123		12527	14263	18071	20830		72938	115091	166558	263036
1513 Processing/preserving of fruit & vegetables		17	16	20	24		1283	1221	1635	2245		7160	8620	12951	22223
1514 Vegetable and animal oils and fats		26	24	21	24		3195	3022	2869	2962		24645	30992	37385	55121
1520 Dairy products		34	32	34	31		2076	1874	1908	2369		15543	20173	27295	44953
153 Grain mill products; starches; animal feeds		79	78	73	67		3040	3007	2992	2787		18074	23742	33188	34671
1531 Grain mill products		54	53	51	47		2204	2169	2136	1909		12633	16510	22974	24966
1532 Starches and starch products		3	3	3	1		42	39	40	21		128	125	154	45
1533 Prepared animal feeds		22	22	19	19		794	799	816	857		5313	7107	10060	9660
154 Other food products		115	116	110	103		9520	9196	10273	14699		84378	89764	125153	276875
1541 Bakery products		45	46	45	46		2678	2729	1946	2085		17446	20713	12091	16850
1542 Sugar		6	6	6	7		3212	3093	4276	8353		40039	35873	63554	192221
1543 Cocoa, chocolate and sugar confectionery		14	13	14	11		1492	1226	1734	1531		10931	12823	22234	25502
1544 Macaroni, noodles & similar products		19	19	17	17		675	705	675	774		3353	3863	5680	8647
1549 Other food products n.e.c.		31	32	28	22		1463	1443	1642	1956		12609	16492	21594	33655
155 Beverages		70	65	56	70		6809	6455	7064	6386		61375	65562	99176	192381
1551 Distilling, rectifying & blending of spirits		30	28	25	25		1004	887	830	836		5609	7378	9619	12005
1552 Wines		2	1	-	1		108	97	-	77		103	108	-	152
1553 Malt liquors and malt		5	5	5	5		406	402	1699	794		32052	28135	48294	120052
1554 Soft drinks; mineral waters		33	31	26	39		5291	5069	4535	4679		23611	29941	41263	60172
1600 Tobacco products		2	1	1	1		376	385	380	369		3584	4814	6020	8005
171 Spinning, weaving and finishing of textiles		66	66	70	61		6780	6811	6811	6556		36600	42458	50400	61490
1711 Textile fibre preparation; textile weaving		66	66	70	61		6780	6811	6811	6556		36600	42458	50400	61490
1712 Finishing of textiles		-	-	-	-		-	-	-	-		-	-	-	-
172 Other textiles		30	27	23	22		1511	1341	1388	1355		4242	4481	6751	7056
1721 Made-up textile articles, except apparel		13	13	10	11		916	859	835	914		2892	3110	4208	5145
1722 Carpets and rugs		9	9	8	5		276	219	293	151		840	895	1934	959
1723 Cordage, rope, twine and netting		2	1	1	1		36	27	31	28		85	83	112	117
1729 Other textiles n.e.c.		6	4	4	5		283	236	229	262		425	393	497	835
1730 Knitted and crocheted fabrics and articles		42	37	37	28		2595	2461	2542	1980		8262	9740	12915	12941
1810 Wearing apparel, except fur apparel		115	103	99	103		4151	3999	3900	4292		10980	12482	14243	20598
1820 Dressing & dyeing of fur; processing of fur		2	-	1	1		7	-	74	36		16	-	115	107
191 Tanning, dressing and processing of leather		22	20	20	17		800	720	715	666		2095	2293	2843	3299
1911 Tanning and dressing of leather		20	18	18	15		713	644	651	612		1966	2094	2622	3071
1912 Luggage, handbags, etc.; saddlery & harness		2	2	2	2		87	76	64	54		129	199	221	228
1920 Footwear		40	42	42	40		2693	2664	2678	2410		11398	11658	13935	16287
2010 Sawmilling and planing of wood		24	21	22	21		869	810	874	864		5266	5741	7504	10389
202 Products of wood, cork, straw, etc.		45	45	41	35		2885	2859	3113	2768		12667	14744	24491	28899
2021 Veneer sheets, plywood, particle board, etc.		9	13	14	15		1847	1955	2304	20558		9167	10699	20553	25373
2022 Builders' carpentry and joinery		25	23	19	12		871	758	671	345		3025	3597	3467	2529
2023 Wooden containers		5	2	2	3		51	17	21	33		174	45	61	175
2029 Other wood products; articles of cork/straw		6	7	6	5		116	129	117	132		301	403	410	822
210 Paper and paper products		50	46	44	45		5442	5175	5022	4507		40347	51712	63364	76233
2101 Pulp, paper and paperboard		5	5	5	7		781	733	723	625		6453	8333	10893	8429
2102 Corrugated paper and paperboard		24	22	20	22		2703	2564	2451	2371		21977	31891	37826	47104
2109 Other articles of paper and paperboard		21	19	19	16		1958	1878	1848	1511		11917	11488	14645	20700
221 Publishing		19	22	25	24		2288	3052	3073	2972		23289	33987	44192	55804
2211 Publishing of books and other publications		1	2	3	2		97	752	797	708		459	2579	5414	5382
2212 Publishing of newspapers, journals, etc.		17	20	22	22		2171	2300	2276	2264		22800	31408	38778	50422
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		-	-	-	-
2219 Other publishing		1	-	-	-		20	-	-	-		30	-	-	-

222	Printing and related service activities	55	57	55	54	1301	1471	1464	1850	5273	10936	11583	22836
2221	Printing	52	55	53	51	1175	1361	1349	1725	4954	10653	11240	22190
2222	Service activities related to printing	3	2	2	3	126	110	115	125	319	283	343	646
2230	Reproduction of recorded media	2	1	-	-	199	65	-	-	530	393	-	-
2310	Coke oven products	-	-	-	-	-	-	-	-	-	-	-	-
2320	Refined petroleum products	7	6	7	8	2618	2570	2726	2681	40827	77953	96016	128336
2330	Processing of nuclear fuel	-	-	-	-	-	-	-	-	-	-	-	-
241	Basic chemicals	31	31	32	27	1159	1089	1087	907	12230	16136	20051	26563
2411	Basic chemicals, except fertilizers	15	15	16	15	629	624	654	585	7193	10218	13420	15849
2412	Fertilizers and nitrogen compounds	1	1	1	1	62	38	41	65	558	859	1305	7274
2413	Plastics in primary forms; synthetic rubber	15	15	15	11	468	427	392	257	4479	5059	5326	3440
242	Other chemicals	84	86	87	82	6162	6280	6432	6164	65357	93489	110611	134792
2421	Pesticides and other agro-chemical products	1	1	1	2	24	21	20	31	156	128	94	220
2422	Paints, varnishes, printing ink and mastics	16	16	18	17	955	881	1059	1106	7899	11374	15474	21776
2423	Pharmaceuticals, medicinal chemicals, etc.	31	33	33	32	2733	2933	2874	2739	33340	49465	53320	55153
2424	Soap, cleaning & cosmetic preparations	26	26	24	21	2048	2081	1931	1817	20832	28166	36056	50340
2429	Other chemical products n.e.c.	10	10	11	10	402	364	548	471	3130	4356	5667	7303
2430	Man-made fibres	-	-	-	1	-	-	-	27	-	-	-	311
251	Rubber products	15	15	13	14	1114	1178	1194	1184	17428	18890	22197	20296
2511	Rubber tyres and tubes	6	6	6	6	853	877	888	911	16661	18151	21303	19355
2519	Other rubber products	9	9	7	8	261	301	306	273	767	739	894	941
2520	Plastic products	96	89	89	94	6262	5811	5740	6589	40709	41804	58455	82288
2610	Glass and glass products	13	11	9	9	578	500	833	425	5224	5501	9816	6277
269	Non-metallic mineral products n.e.c.	100	104	101	100	5064	5404	5461	6454	50013	64797	106485	141971
2691	Pottery, china and earthenware	11	13	13	13	824	784	877	858	6791	5613	5816	6357
2692	Refractory ceramic products	1	1	1	1	13	20	21	16	47	37	40	98
2693	Struct.non-refractory clay; ceramic products	14	14	13	16	840	845	866	1071	3923	4252	5932	9151
2694	Cement, lime and plaster	5	6	7	6	1083	1316	1436	2447	23391	34931	74382	102586
2695	Articles of concrete, cement and plaster	61	61	58	56	2163	2232	2067	1857	15213	19124	19176	22050
2696	Cutting, shaping & finishing of stone	7	8	8	6	110	174	165	162	385	507	657	849
2699	Other non-metallic mineral products n.e.c.	1	1	1	2	31	33	29	43	263	333	482	880
2710	Basic iron and steel	14	13	13	11	1722	1371	1499	1788	12106	16138	21147	27713
2720	Basic precious and non-ferrous metals	7	7	6	7	554	605	595	586	7140	7533	6015	8195
273	Casting of metals	2	2	2	2	32	66	61	47	61	173	170	164
2731	Casting of iron and steel	2	2	2	2	32	66	61	47	61	173	170	164
2732	Casting of non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
281	Struct.metall products;tanks;steam generators	61	55	50	46	2066	1865	2023	1403	12982	12824	30726	12920
2811	Structural metal products	49	45	39	38	1378	1522	1631	1135	10133	10928	28389	10039
2812	Tanks, reservoirs and containers of metal	12	10	11	8	688	343	392	268	2849	1896	2337	2881
2813	Steam generators	-	-	-	-	-	-	-	-	-	-	-	-
289	Other metal products; metal working services	50	47	43	34	2628	2458	2834	2766	30181	32300	41071	53404
2891	Metal forging/pressing/stamping/roll-forming	1	1	-	1	12	13	-	8	50	44	-	17
2892	Treatment & coating of metals	2	1	1	1	24	11	15	15	68	40	92	122
2893	Cutlery, hand tools and general hardware	9	9	8	4	361	308	238	167	1241	1397	1281	970
2899	Other fabricated metal products n.e.c.	38	36	34	28	2231	2126	2581	2576	28822	30819	39698	52295
291	General purpose machinery	24	24	21	22	1846	1813	1741	1023	9426	11524	14926	11379
2911	Engines & turbines(not for transport equip.)	1	2	2	2	33	34	31	34	87	105	133	213
2912	Pumps, compressors, taps and valves	8	7	8	5	359	346	400	409	2331	2338	1788	2003
2913	Bearings, gears, gearing & driving elements	-	-	-	-	-	-	-	-	-	-	-	-
2914	Ovens, furnaces and furnace burners	5	5	4	4	246	240	201	189	811	837	920	1268
2915	Lifting and handling equipment	2	1	1	2	128	132	72	101	1533	2170	3205	4265
2919	Other general purpose machinery	8	9	6	9	1080	1061	1037	290	4664	6074	8880	3630
292	Special purpose machinery	12	12	12	9	345	318	287	202	1416	1399	1827	1874
2921	Agricultural and forestry machinery	1	1	-	-	11	11	-	-	18	18	-	-
2922	Machine tools	3	4	6	5	192	179	187	132	1073	1043	1411	1436
2923	Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-	-	-
2924	Machinery for mining & construction	3	2	-	-	41	27	-	-	130	40	-	-
2925	Food/beverage/tobacco processing machinery	3	3	4	3	42	44	49	50	110	208	306	369
2926	Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-	-	-
2927	Weapons and ammunition	1	1	1	1	24	23	21	20	33	33	39	69
2929	Other special purpose machinery	1	1	-	-	35	34	30	-	52	57	71	-
2930	Domestic appliances n.e.c.	7	7	10	10	1341	995	1630	2075	7401	10339	13834	26167

continued



## Ecuador

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million SUQUES)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		-	-	-	-		-	-	-	-		-	-	-	-
3110 Electric motors, generators and transformers		5	5	4	4		179	196	194	192		733	890	1078	1264
3120 Electricity distribution & control apparatus		8	6	6	6		296	214	234	291		1726	1671	2315	4090
3130 Insulated wire and cable		6	6	6	6		532	531	510	575		3767	5026	6068	8722
3140 Accumulators, primary cells and batteries		6	5	4	4		200	155	185	159		1244	1255	1706	2012
3150 Lighting equipment and electric lamps		3	3	4	4		67	58	77	61		839	1110	1402	2208
3190 Other electrical equipment n.e.c.		3	2	2	1		62	34	49	20		360	214	322	398
3210 Electronic valves, tubes, etc.		-	-	-	-		-	-	-	-		-	-	-	-
3220 TV/radio transmitters; line comm. apparatus		2	1	1	1		89	90	80	81		81	93	98	125
3230 TV and radio receivers and associated goods		7	4	2	2		593	69	35	33		3048	487	165	157
331 Medical, measuring, testing appliances, etc.		3	3	1	2		69	54	12	35		449	350	41	238
3311 Medical, surgical and orthopaedic equipment		3	3	1	2		69	54	12	35		449	350	41	238
3312 Measuring/testing/navigation appliances, etc.		-	-	-	-		-	-	-	-		-	-	-	-
3313 Industrial process control equipment		-	-	-	-		-	-	-	-		-	-	-	-
3320 Optical instruments & photographic equipment		2	1	1	2		67	31	30	62		135	62	118	339
3330 Watches and clocks		-	-	-	-		-	-	-	-		-	-	-	-
3410 Motor vehicles		4	4	4	3		1360	1268	1178	1199		14780	17096	20407	26952
3420 Automobile bodies, trailers & semi-trailers		28	27	25	26		734	676	758	840		2603	3055	2965	3974
3430 Parts/accessories for automobiles		20	18	17	15		648	653	674	594		2264	2658	3341	4584
351 Building and repairing of ships and boats		4	5	3	4		59	537	520	514		154	3145	6902	9485
3511 Building and repairing of ships		4	5	3	4		59	537	520	514		154	3145	6902	9485
3512 Building/repairing of pleasure/sport. boats		-	-	-	-		-	-	-	-		-	-	-	-
3520 Railway/tramway locomotives & rolling stock		-	-	-	-		-	-	-	-		-	-	-	-
3530 Aircraft and spacecraft		-	-	-	-		-	-	-	-		-	-	-	-
359 Transport equipment n.e.c.		1	2	2	1		15	32	46	22		68	86	142	114
3591 Motorcycles		-	1	1	-		-	20	20	-		-	47	61	-
3592 Bicycles and invalid carriages		-	-	-	-		-	-	-	-		-	-	-	-
3599 Other transport equipment n.e.c.		1	1	1	1		15	12	26	22		68	39	81	114
3610 Furniture		113	107	100	104		4015	3614	3785	3596		18155	23092	29286	34089
369 Manufacturing n.e.c.		41	41	35	35		1536	1573	1382	1510		5375	5495	6476	9371
3691 Jewellery and related articles		10	10	10	10		302	426	432	464		1232	1605	1858	2139
3692 Musical instruments		-	-	-	-		-	-	-	-		-	-	-	-
3693 Sports goods		1	1	1	-		12	11	11	-		63	39	40	-
3694 Games and toys		6	8	7	7		377	362	317	330		1010	1054	1200	1369
3699 Other manufacturing n.e.c.		24	22	17	18		845	774	622	716		3070	2797	3378	5863
3710 Recycling of metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
3720 Recycling of non-metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
D Total manufacturing		1755	1695	1648	1619		117027	115604	124089	130558		832602	1053056	1418352	2039175

## Ecuador

ISIC Revision 3	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation					
	ISIC Industry	Note	(million SUCRES)				Note	(million SUCRES)				Note	(million SUCRES)	
			1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
151 Processed meat, fish, fruit, vegetables, fats		3687670	4417093	7099268	11492066		722285	780447	1016945	1943917		585857	1121749	
1511 Processing/preserving of meat		457435	552794	672248	1264580		96816	95062	67887	177312		47444	216410	
1512 Processing/preserving of fish		2232366	2669389	4808904	7622924		406701	423645	597516	1195634		366983	639058	
1513 Processing/preserving of fruit & vegetables		118779	165981	316495	658022		31372	49827	79893	244122		42430	52739	
1514 Vegetable and animal oils and fats		879090	1028929	1301621	1946540		187396	211913	271649	326849		129000	213542	
1520 Dairy products		391947	499870	708423	1087209		97399	121610	175602	215111		41058	104194	
153 Grain mill products; starches; animal feeds		795808	1064670	1388816	1559679		114278	149381	207626	277184		39501	94576	
1531 Grain mill products		601777	797069	885305	989041		95396	109170	147978	187592		27421	93351	
1532 Starches and starch products		1376	1820	22525	1341		281	561	20063	174		53	55	
1533 Prepared animal feeds		192655	265781	480986	569297		18601	39650	39585	89418		12027	1170	
154 Other food products		1111419	1374946	1396809	3165775		301500	314727	302129	1057237		151362	686201	
1541 Bakery products		215841	341511	190386	274199		73484	94675	43780	77867		12964	8784	
1542 Sugar		355852	433236	249566	1491069		115297	117355	58777	768307		-24188	412036	
1543 Cocoa, chocolate and sugar confectionery		266272	235749	512106	482629		48226	15299	116098	-28560		103158	156259	
1544 Macaroni, noodles & similar products		60698	86198	118753	254293		12601	15671	20936	83323		15359	23880	
1549 Other food products n.e.c.		212756	278252	325998	663585		51892	71727	62538	156300		44069	85242	
155 Beverages		883448	965349	5410937	3163778		385860	413729	4672927	2101574		129584	223447	
1551 Distilling, rectifying & blending of spirits		111483	147087	184890	246604		35495	50698	59185	74114		17395	26011	
1552 Wines		580	598	-	997		242	237	-	333		-	41	
1553 Malt liquors and malt		384053	389956	4663589	1955568		251199	236571	4435654	1639913		31248	44884	
1554 Soft drinks; mineral waters		387332	427708	562458	960609		98924	126223	178088	387214		80941	152593	
1600 Tobacco products		48007	65799	77290	117657		11887	18873	21823	36362		16392	34463	
171 Spinning, weaving and finishing of textiles		647728	679784	894770	1209593		273626	215697	257337	418672		91745	141496	
1711 Textile fibre preparation; textile weaving		647728	679784	894770	1209593		273626	215697	257337	418672		91745	141496	
1712 Finishing of textiles		-	-	-	-		-	-	-	-		-	-	
172 Other textiles		55274	79630	129777	182816		16465	31373	59177	76865		19814	58471	
1721 Made-up textile articles, except apparel		38033	62520	101204	149627		10576	26033	49361	64412		13614	51005	
1722 Carpets and rugs		10768	13668	24410	24949		3394	4346	8474	10065		5035	4183	
1723 Cordage, rope, twine and netting		1788	1436	1285	1415		566	459	395	376		1036	2829	
1729 Other textiles n.e.c.		4685	2006	2878	6825		1929	535	947	2012		129	454	
1730 Knitted and crocheted fabrics and articles		126229	154830	205997	235648		52698	58299	80804	65686		14302	38473	
1810 Wearing apparel, except fur apparel		122552	142935	194826	296208		49587	52390	70318	102198		14414	25584	
1820 Dressing & dyeing of fur; processing of fur		79	-	1474	1024		22	-	617	-		931	493	
191 Tanning, dressing and processing of leather		35358	42270	60766	71827		11299	12127	20485	25392		4994	4797	
1911 Tanning and dressing of leather		34591	41159	59060	69645		10878	11502	19774	24450		4790	4691	
1912 Luggage, handbags, etc.; saddlery & harness		767	1111	1706	2182		421	625	711	942		204	106	
1920 Footwear		144522	193624	266436	292814		43079	66151	88958	97961		31364	10566	
2010 Sawmilling and planing of wood		49140	57510	72759	112285		20210	24838	23728	31787		4798	11856	
202 Products of wood, cork, straw, etc.		196075	188659	342290	465013		88713	66042	131169	184970		39581	83149	
2021 Veneer sheets, plywood, particle board, etc.		126183	149486	291410	433214		44262	53838	110723	173717		37409	77891	
2022 Builders' carpentry and joinery		66013	36170	47747	25088		43283	10957	19355	9537		2080	4983	
2023 Wooden containers		1738	414	479	2769		278	67	85	397		-	2	
2029 Other wood products; articles of cork/straw		2141	2589	2654	3942		890	1180	1006	1319		92	277	
210 Paper and paper products		1152980	1340680	1662632	2075962		178896	255376	305484	379941		181265	256292	
2101 Pulp, paper and paperboard		178783	204077	262757	137804		42914	74724	89160	7871		31917	40368	
2102 Corrugated paper and paperboard		778366	932544	1146278	1600855		90514	140074	165515	280814		120892	156710	
2109 Other articles of paper and paperboard		195831	204059	253597	337303		45468	40577	50809	91256		28456	59214	
221 Publishing		308159	395595	462626	639025		90887	120271	136702	193795		12719	84406	
2211 Publishing of books and other publications		3529	10054	23434	19357		1228	4277	11746	8253		1015	1306	
2212 Publishing of newspapers, journals, etc.		304551	385541	439192	619668		89618	115994	124956	185542		11704	83100	
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		-	-	
2219 Other publishing		79	-	-	-		41	-	-	-		-	-	

continued

## Ecuador

ISIC Revision 3	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	ISIC Industry	Note	(million SUCEDES)				Note	(million SUCEDES)				(million SUCEDES)	
			1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
222 Printing and related service activities		62654	99900	144925	273309		21962	32671	52936	81542		10335	32154
2221 Printing		56385	91667	130113	254717		20437	30356	48176	77354		4859	24591
2222 Service activities related to printing		6269	8233	14812	18592		1525	2315	4760	4188		5476	7563
2230 Reproduction of recorded media		4068	1327	-	-		2562	809	-	-		-	-
2310 Coke oven products		-	-	-	-		-	-	-	-		-	-
2320 Refined petroleum products		3407272	3668759	4659498	15902949		2437890	2226740	3417326	14320504		1929870	597575
2330 Processing of nuclear fuel		-	-	-	-		-	-	-	-		-	-
241 Basic chemicals		239747	381258	470837	545415		68098	137351	96616	104450		37690	58302
2411 Basic chemicals, except fertilizers		111438	143106	165894	204850		42021	52711	46688	62460		23417	32133
2412 Fertilizers and nitrogen compounds		52710	145036	167939	250859		9108	58018	18057	17593		2817	23310
2413 Plastics in primary forms; synthetic rubber		75599	93116	137004	89706		16969	26622	31871	24397		11456	2859
242 Other chemicals		867136	1243110	1894507	2384614		190842	308014	669546	639190		178246	293356
2421 Pesticides and other agro-chemical products		2416	2817	3969	5585		1197	1392	1850	2282		283	1372
2422 Paints, varnishes, printing ink and mastics		182097	249144	338065	493689		31052	68320	106970	102238		26477	72885
2423 Pharmaceuticals, medicinal chemicals, etc.		273795	414180	628513	534387		68763	116122	243419	73114		72115	84764
2424 Soap, cleaning & cosmetic preparations		361701	503365	790701	1187242		75461	101843	258951	395891		58513	120453
2429 Other chemical products n.e.c.		47127	73604	133259	163711		14369	20337	58356	65665		20858	13882
2430 Man-made fibres		-	-	-	3946		-	-	-	1091		-	790
251 Rubber products		194624	265722	366481	423355		55819	73021	103135	88594		16033	69862
2511 Rubber tyres and tubes		186557	257424	355664	408469		51878	70055	98847	83109		15683	67825
2519 Other rubber products		8067	8298	10817	14886		3941	2966	4288	5485		350	2037
2520 Plastic products		620150	754831	1124459	1719100		192458	239365	375748	616268		120134	220752
2610 Glass and glass products		109664	132971	127476	191827		46328	63689	45681	82368		11600	63175
269 Non-metallic mineral products n.e.c.		853594	1064174	1423557	2050877		285570	389459	509879	786400		172854	426491
2691 Pottery, china and earthenware		65179	69142	108455	162649		24834	20963	31570	35803		16071	48467
2692 Refractory ceramic products		257	424	318	652		-	184	-	297		24	259
2693 Struct.non-refractory clay; ceramic products		77500	103164	141049	227907		24817	39384	37781	45445		5724	72629
2694 Cement, lime and plaster		498479	631694	912010	1340994		176351	255128	366113	610200		139454	294836
2695 Articles of concrete, cement and plaster		203701	250120	246420	296992		55620	70108	67742	84944		9248	5805
2696 Cutting, shaping & finishing of stone		3345	3842	5097	7829		1484	1773	2322	4271		1969	3280
2699 Other non-metallic mineral products n.e.c.		5133	5788	10208	13854		2464	1919	4351	5440		374	1215
2710 Basic iron and steel		416105	568820	876980	1150408		43519	85805	288259	199085		214782	181232
2720 Basic precious and non-ferrous metals		130530	132253	198640	272721		27999	26179	45486	66181		462	28683
273 Casting of metals		613	948	1212	1658		379	431	426	157		112	492
2731 Casting of iron and steel		613	948	1212	1658		379	431	426	157		112	492
2732 Casting of non-ferrous metals		-	-	-	-		-	-	-	-		-	-
281 Struct.metal products;tanks;steam generators		152134	144276	252079	204277		40675	44747	90937	61641		12256	38277
2811 Structural metal products		92753	114146	217073	168042		28166	37826	82372	48369		8677	30933
2812 Tanks, reservoirs and containers of metal		59381	30130	35006	36235		12509	6921	8565	13272		3579	7344
2813 Steam generators		-	-	-	-		-	-	-	-		-	-
289 Other metal products; metal working services		333654	375472	552325	796001		79293	96555	140430	307126		47627	101285
2891 Metal forging/pressing/stamping/roll-forming		568	472	-	60		219	320	-	79		-	164
2892 Treatment & coating of metals		539	468	631	669		264	208	267	312		10	29
2893 Cutlery, hand tools and general hardware		13289	13715	12149	14589		4555	5881	4662	7357		-516	1689
2899 Other fabricated metal products n.e.c.		319258	360817	539545	780683		74255	90146	135501	299536		48133	99403
291 General purpose machinery		129255	156475	276922	157938		36764	42333	68973	32558		17634	26500
2911 Engines & turbines(not for transport equip.)		769	962	1646	1585		390	475	722	803		-109	190
2912 Pumps, compressors, taps and valves		27935	34486	53564	78025		11041	11366	14653	8421		8144	16936
2913 Bearings, gears, gearing & driving elements		-	-	-	-		-	-	-	-		-	-
2914 Ovens, furnaces and furnace burners		6381	6637	8126	9274		2929	3356	3913	3824		-689	2163
2915 Lifting and handling equipment		5863	7477	12772	26166		2526	3666	5761	8612		1940	3690
2919 Other general purpose machinery		88307	106913	200814	42888		19878	23470	43924	10898		8348	3521

292	Special purpose machinery	16653	11126	22541	25911	4427	3193	9299	7563	2077	10469
2921	Agricultural and forestry machinery	105	139	-	-	17	79	-	-	-	-
2922	Machine tools	14069	8171	18963	23106	3311	1788	7750	6131	1737	10292
2923	Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-
2924	Machinery for mining & construction	958	234	-	-	411	173	-	-	-	-
2925	Food/beverage/tobacco processing machinery	807	1751	2441	2389	308	710	1084	1161	125	45
2926	Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-
2927	Weapons and ammunition	167	211	298	416	132	154	190	271	31	132
2929	Other special purpose machinery	547	620	839	-	248	289	275	-	184	-
2930	Domestic appliances n.e.c.	162388	171267	237392	473206	43431	51307	58500	115940	59816	62569
3000	Office, accounting and computing machinery	-	-	-	-	-	-	-	-	-	-
3110	Electric motors, generators and transformers	16225	22700	23369	30447	4482	5426	6132	6992	3548	3342
3120	Electricity distribution & control apparatus	19657	14507	21593	39087	5671	5239	6725	12782	5541	8972
3130	Insulated wire and cable	107417	187741	197264	287878	21519	71731	58407	82548	19851	11335
3140	Accumulators, primary cells and batteries	25082	33179	39981	41606	4602	6068	7313	6873	6618	3944
3150	Lighting equipment and electric lamps	19846	22295	23664	51140	6205	4011	597	11977	447	6677
3190	Other electrical equipment n.e.c.	8652	6264	7775	7048	1553	1105	1326	1589	519	613
3210	Electronic valves, tubes, etc.	-	-	-	-	-	-	-	-	-	-
3220	TV/radio transmitters; line comm. apparatus	457	560	607	890	282	334	411	600	-125	67
3230	TV and radio receivers and associated goods	56083	3208	1122	1241	12919	975	357	500	-128	446
331	Medical, measuring, testing appliances, etc.	3167	3419	1238	3630	1310	1152	775	1286	404	17
3311	Medical, surgical and orthopaedic equipment	3167	3419	1238	3630	1310	1152	775	1286	404	17
3312	Measuring/testing/navigating appliances, etc.	-	-	-	-	-	-	-	-	-	-
3313	Industrial process control equipment	-	-	-	-	-	-	-	-	-	-
3320	Optical instruments & photographic equipment	1167	878	1008	3749	592	618	640	758	-38	832
3330	Watches and clocks	-	-	-	-	-	-	-	-	-	-
3410	Motor vehicles	814565	715447	1214738	1669992	90224	77001	187115	390205	37915	56812
3420	Automobile bodies, trailers & semi-trailers	20638	23340	30360	46629	7127	7270	9211	14698	3363	8419
3430	Parts/accessories for automobiles	27264	26917	51060	92523	8538	3971	16033	40456	2593	9730
351	Building and repairing of ships and boats	1331	22312	23642	32614	576	8320	11131	17452	41118	1324
3511	Building and repairing of ships	1331	22312	23642	32614	576	8320	11131	17452	41118	1324
3512	Building/repairing of pleasure/sport. boats	-	-	-	-	-	-	-	-	-	-
3520	Railway/tramway locomotives & rolling stock	-	-	-	-	-	-	-	-	-	-
3530	Aircraft and spacecraft	-	-	-	-	-	-	-	-	-	-
359	Transport equipment n.e.c.	592	3435	4640	1660	225	1504	2224	531	-911	95
3591	Motorcycles	-	2859	3737	-	-	1258	1647	-	-958	-
3592	Bicycles and invalid carriages	-	-	-	-	-	-	-	-	-	-
3599	Other transport equipment n.e.c.	592	576	903	1660	225	246	577	531	47	95
3610	Furniture	177153	195062	287281	402267	53748	64240	92852	127730	20509	31719
369	Manufacturing n.e.c.	54759	76535	89518	136660	18099	25846	35023	56753	12760	24389
3691	Jewellery and related articles	7728	12493	16602	27107	3338	5726	7228	12485	198	5104
3692	Musical instruments	-	-	-	-	-	-	-	-	-	-
3693	Sports goods	410	377	181	-	164	141	112	-	-22	-
3694	Games and toys	10985	13836	14055	18433	3593	3840	4622	6507	2124	2064
3699	Other manufacturing n.e.c.	35636	49829	58680	91120	11004	16139	23061	37761	10460	17221
3710	Recycling of metal waste and scrap	-	-	-	-	-	-	-	-	-	-
3720	Recycling of non-metal waste and scrap	-	-	-	-	-	-	-	-	-	-
D	Total manufacturing	18810691	22193732	35024587	55594955	6274379	6807810	13981280	25492728	4365203	5358759

## Ecuador

ISIC Revision 3	Index numbers of industrial production													
	ISIC Industry	Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15	Food and beverages		...	...	...	...	...	...	...	...	...	...	...	
16	Tobacco products		121	107	107	100	97	101	106	88	95	95	95	97
17	Textiles		90	93	96	100	99	88	77	81	81	83	85	83
18	Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)		86	86	89	100	113	132	156	163	190	195	200	198
21	Paper and paper products		81	83	92	100	115	105	118	135	150	155	159	157
22	Printing and publishing		70	79	91	100	123	137	146	182	209	214	218	215
23	Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
27	Basic metals		...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products		91	95	96	100	114	133	148	186	191	188	190	192
29	Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	a/	96	101	92	100	117	137	146	191	210	209	208	210
32	Radio, television and communication equipment	a/	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	b/	42	55	93	100	123	134	138	173	183	185	190	191
35	Other transport equipment	b/	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		86	89	93	100	113	118	121	135	142	145	148	149

a/ 31 includes 32.

b/ 34 includes 35.

## EGYPT

<p><b>Supplier of information:</b> Central Agency for Public Mobilisation and Statistics (CAPMAS), Cairo.</p> <p><b>Basic source of data:</b> Survey of industrial production.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b> Fiscal year beginning 1 July of the year indicated.</p> <p><b>Scope:</b> Not reported.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> <u>Output</u> is gross output. <u>Value added</u> is net of depreciation.</p> <p><b>Related national publications:</b></p>
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## Egypt

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million POUNDS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
ISIC Industry															
151 Processed meat, fish, fruit, vegetables, fats	...	...	...	146	...	...	...	43.0	...	...	...	...	233.9		
1511 Processing/preserving of meat	...	...	...	32	...	...	...	7.3	...	...	...	...	37.1		
1512 Processing/preserving of fish	...	...	...	10	...	...	...	1.3	...	...	...	...	8.9		
1513 Processing/preserving of fruit & vegetables	...	...	...	70	...	...	...	11.0	...	...	...	...	58.2		
1514 Vegetable and animal oils and fats	...	...	...	34	...	...	...	23.4	...	...	...	...	129.7		
1520 Dairy products	...	...	...	62	...	...	...	8.7	...	...	...	...	55.4		
153 Grain mill products; starches; animal feeds	...	...	...	262	...	...	...	36.9	...	...	...	...	245.2		
1531 Grain mill products	...	...	...	211	...	...	...	29.4	...	...	...	...	197.9		
1532 Starches and starch products	...	...	...	3	...	...	...	1.8	...	...	...	...	15.5		
1533 Prepared animal feeds	...	...	...	48	...	...	...	5.6	...	...	...	...	31.8		
154 Other food products	...	...	...	4027	...	...	...	107.9	...	...	...	...	565.8		
1541 Bakery products	...	...	...	3614	...	...	...	59.5	...	...	...	...	262.8		
1542 Sugar	...	...	...	13	...	...	...	17.4	...	...	...	...	151.2		
1543 Cocoa, chocolate and sugar confectionery	...	...	...	102	...	...	...	10.4	...	...	...	...	45.1		
1544 Macaroni, noodles & similar products	...	...	...	82	...	...	...	3.0	...	...	...	...	12.5		
1549 Other food products n.e.c.	...	...	...	216	...	...	...	17.6	...	...	...	...	94.1		
155 Beverages	...	...	...	21	...	...	...	5.6	...	...	...	...	50.0		
1551 Distilling, rectifying & blending of spirits	...	...	...	2	...	...	...	0.6	...	...	...	...	5.7		
1552 Wines	...	...	...	2	...	...	...	0.1	...	...	...	...	1.0		
1553 Malt liquors and malt	...	...	...	...	...	...	...	...	...	...	...	...	...		
1554 Soft drinks; mineral waters	...	...	...	17	...	...	...	4.9	...	...	...	...	43.3		
1600 Tobacco products	...	...	...	32	...	...	...	17.2	...	...	...	...	152.6		
171 Spinning, weaving and finishing of textiles	...	...	...	510	...	...	...	191.5	...	...	...	...	1010.9		
1711 Textile fibre preparation; textile weaving	...	...	...	509	...	...	...	190.1	...	...	...	...	1001.4		
1712 Finishing of textiles	...	...	...	1	...	...	...	1.4	...	...	...	...	9.4		
172 Other textiles	...	...	...	346	...	...	...	31.8	...	...	...	...	149.7		
1721 Made-up textile articles, except apparel	...	...	...	153	...	...	...	8.6	...	...	...	...	27.2		
1722 Carpets and rugs	...	...	...	54	...	...	...	8.4	...	...	...	...	51.1		
1723 Cordage, rope, twine and netting	...	...	...	1	...	...	...	-	...	...	...	...	0.1		
1729 Other textiles n.e.c.	...	...	...	138	...	...	...	14.8	...	...	...	...	71.4		
1730 Knitted and crocheted fabrics and articles	...	...	...	182	...	...	...	16.2	...	...	...	...	63.1		
1810 Wearing apparel, except fur apparel	...	...	...	547	...	...	...	89.6	...	...	...	...	366.8		
1820 Dressing & dyeing of fur; processing of fur	...	...	...	1	...	...	...	0.1	...	...	...	...	0.4		
191 Tanning, dressing and processing of leather	...	...	...	74	...	...	...	3.7	...	...	...	...	22.3		
1911 Tanning and dressing of leather	...	...	...	50	...	...	...	3.2	...	...	...	...	21.2		
1912 Luggage, handbags, etc.; saddlery & harness	...	...	...	24	...	...	...	0.5	...	...	...	...	1.2		
1920 Footwear	...	...	...	131	...	...	...	9.2	...	...	...	...	29.0		
2010 Sawmilling and planing of wood	...	...	...	47	...	...	...	0.6	...	...	...	...	2.1		
202 Products of wood, cork, straw, etc.	...	...	...	67	...	...	...	6.4	...	...	...	...	34.0		
2021 Veneer sheets, plywood, particle board, etc.	...	...	...	11	...	...	...	2.6	...	...	...	...	12.2		
2022 Builders' carpentry and joinery	...	...	...	40	...	...	...	3.6	...	...	...	...	21.3		
2023 Wooden containers	...	...	...	1	...	...	...	-	...	...	...	...	-		
2029 Other wood products; articles of cork/straw	...	...	...	15	...	...	...	0.2	...	...	...	...	0.5		
210 Paper and paper products	...	...	...	126	...	...	...	20.3	...	...	...	...	139.0		
2101 Pulp, paper and paperboard	...	...	...	20	...	...	...	4.5	...	...	...	...	29.9		
2102 Corrugated paper and paperboard	...	...	...	67	...	...	...	10.0	...	...	...	...	70.2		
2109 Other articles of paper and paperboard	...	...	...	39	...	...	...	5.9	...	...	...	...	38.9		
221 Publishing	...	...	...	1	...	...	...	-	...	...	...	...	0.1		
2211 Publishing of books and other publications	...	...	...	...	...	...	...	...	...	...	...	...	...		
2212 Publishing of newspapers, journals, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...		
2213 Publishing of recorded media	...	...	...	...	...	...	...	...	...	...	...	...	...		
2219 Other publishing	...	...	...	...	...	...	...	...	...	...	...	...	...		

222	Printing and related service activities	...	...	194	...	...	23.5	...	...	309.2
2221	Printing	...	...	193	...	...	23.5	...	...	309.0
2222	Service activities related to printing	...	...	1	...	...	-	...	...	0.2
2230	Reproduction of recorded media	...	...	1	...	...	-	...	...	0.1
2310	Coke oven products	...	...	3	...	...	5.6	...	...	86.0
2320	Refined petroleum products	...	...	15	...	...	19.0	...	...	424.8
2330	Processing of nuclear fuel	...	...	-	...	...	-	...	...	-
241	Basic chemicals	...	...	66	...	...	37.7	...	...	476.3
2411	Basic chemicals, except fertilizers	...	...	39	...	...	15.9	...	...	201.2
2412	Fertilizers and nitrogen compounds	...	...	13	...	...	20.0	...	...	230.1
2413	Plastics in primary forms; synthetic rubber	...	...	14	...	...	1.8	...	...	45.0
242	Other chemicals	...	...	221	...	...	65.2	...	...	658.3
2421	Pesticides and other agro-chemical products	...	...	6	...	...	3.4	...	...	28.7
2422	Paints, varnishes, printing ink and mastics	...	...	50	...	...	5.5	...	...	57.0
2423	Pharmaceuticals, medicinal chemicals, etc.	...	...	31	...	...	33.1	...	...	402.7
2424	Soap, cleaning & cosmetic preparations	...	...	99	...	...	15.5	...	...	119.1
2429	Other chemical products n.e.c.	...	...	35	...	...	7.7	...	...	50.8
2430	Man-made fibres	...	...	5	...	...	0.6	...	...	3.0
251	Rubber products	...	...	73	...	...	10.3	...	...	71.5
2511	Rubber tyres and tubes	...	...	5	...	...	6.2	...	...	50.0
2519	Other rubber products	...	...	68	...	...	4.1	...	...	21.5
2520	Plastic products	...	...	218	...	...	14.3	...	...	78.0
2610	Glass and glass products	...	...	72	...	...	15.7	...	...	91.3
269	Non-metallic mineral products n.e.c.	...	...	772	...	...	74.6	...	...	610.3
2691	Pottery, china and earthenware	...	...	20	...	...	3.9	...	...	29.4
2692	Refractory ceramic products	...	...	9	...	...	2.2	...	...	16.5
2693	Struct.non-refractory clay; ceramic products	...	...	486	...	...	27.8	...	...	147.9
2694	Cement, lime and plaster	...	...	18	...	...	23.4	...	...	304.6
2695	Articles of concrete, cement and plaster	...	...	183	...	...	15.4	...	...	100.0
2696	Cutting, shaping & finishing of stone	...	...	50	...	...	1.3	...	...	6.9
2699	Other non-metallic mineral products n.e.c.	...	...	6	...	...	0.6	...	...	5.0
2710	Basic iron and steel	...	...	95	...	...	41.1	...	...	505.2
2720	Basic precious and non-ferrous metals	...	...	41	...	...	17.5	...	...	172.0
273	Casting of metals	...	...	17	...	...	4.8	...	...	33.4
2731	Casting of iron and steel	...	...	7	...	...	4.6	...	...	32.9
2732	Casting of non-ferrous metals	...	...	10	...	...	0.2	...	...	0.5
281	Struct.metal products;tanks;steam generators	...	...	59	...	...	8.9	...	...	46.8
2811	Structural metal products	...	...	55	...	...	8.2	...	...	44.7
2812	Tanks, reservoirs and containers of metal	...	...	4	...	...	0.7	...	...	2.1
2813	Steam generators	...	...	-	...	...	-	...	...	-
289	Other metal products; metal working services	...	...	416	...	...	38.8	...	...	275.3
2891	Metal forging/pressing/stamping/roll-forming	...	...	4	...	...	4.9	...	...	34.4
2892	Treatment & coating of metals	...	...	14	...	...	1.0	...	...	4.1
2893	Cutlery, hand tools and general hardware	...	...	44	...	...	5.7	...	...	35.8
2899	Other fabricated metal products n.e.c.	...	...	354	...	...	27.1	...	...	201.0
291	General purpose machinery	...	...	65	...	...	12.2	...	...	97.1
2911	Engines & turbines(not for transport equip.)	...	...	2	...	...	1.0	...	...	9.6
2912	Pumps, compressors, taps and valves	...	...	26	...	...	2.0	...	...	24.4
2913	Bearings, gears, gearing & driving elements	...	...	-	...	...	-	...	...	-
2914	Ovens, furnaces and furnace burners	...	...	3	...	...	0.2	...	...	0.8
2915	Lifting and handling equipment	...	...	12	...	...	2.7	...	...	21.1
2919	Other general purpose machinery	...	...	22	...	...	6.3	...	...	41.2
292	Special purpose machinery	...	...	58	...	...	12.3	...	...	65.9
2921	Agricultural and forestry machinery	...	...	22	...	...	1.3	...	...	9.2
2922	Machine tools	...	...	6	...	...	3.2	...	...	23.8
2923	Machinery for metallurgy	...	...	-	...	...	-	...	...	-
2924	Machinery for mining & construction	...	...	7	...	...	0.7	...	...	4.4
2925	Food/beverage/tobacco processing machinery	...	...	6	...	...	0.5	...	...	3.1
2926	Machinery for textile, apparel and leather	...	...	6	...	...	1.0	...	...	6.2
2927	Weapons and ammunition	...	...	1	...	...	3.3	...	...	-
2929	Other special purpose machinery	...	...	10	...	...	2.2	...	...	19.1
2930	Domestic appliances n.e.c.	...	...	74	...	...	21.8	...	...	203.0

continued



## Egypt

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million POUNDS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
ISIC Industry															
3000 Office, accounting and computing machinery		...	...	...	2		...	...	...	0.6		...	...	...	30.6
3110 Electric motors, generators and transformers		...	...	...	9		...	...	...	1.8		...	...	...	18.6
3120 Electricity distribution & control apparatus		...	...	...	25		...	...	...	3.7		...	...	...	69.2
3130 Insulated wire and cable		...	...	...	26		...	...	...	5.5		...	...	...	49.7
3140 Accumulators, primary cells and batteries		...	...	...	14		...	...	...	4.8		...	...	...	41.4
3150 Lighting equipment and electric lamps		...	...	...	12		...	...	...	2.5		...	...	...	13.6
3190 Other electrical equipment n.e.c.		...	...	...	5		...	...	...	0.4		...	...	...	2.4
3210 Electronic valves, tubes, etc.		...	...	...	6		...	...	...	0.6		...	...	...	3.5
3220 TV/radio transmitters; line comm. apparatus		...	...	...	6		...	...	...	3.7		...	...	...	36.4
3230 TV and radio receivers and associated goods		...	...	...	10		...	...	...	5.4		...	...	...	50.0
331 Medical, measuring, testing appliances, etc.		...	...	...	17		...	...	...	6.3		...	...	...	56.3
3311 Medical, surgical and orthopaedic equipment		...	...	...	16		...	...	...	1.1		...	...	...	12.9
3312 Measuring/testing/navigating appliances, etc.		...	...	...	1		...	...	...	5.2		...	...	...	43.4
3313 Industrial process control equipment		...	...	...	-		...	...	...	-		...	...	...	-
3320 Optical instruments & photographic equipment		...	...	...	8		...	...	...	0.6		...	...	...	3.0
3330 Watches and clocks		...	...	...	3		...	...	...	0.1		...	...	...	0.3
3410 Motor vehicles		...	...	...	33		...	...	...	15.6		...	...	...	150.9
3420 Automobile bodies, trailers & semi-trailers		...	...	...	5		...	...	...	0.3		...	...	...	1.4
3430 Parts/accessories for automobiles		...	...	...	6		...	...	...	1.4		...	...	...	9.9
351 Building and repairing of ships and boats		...	...	...	20		...	...	...	11.8		...	...	...	108.0
3511 Building and repairing of ships		...	...	...	18		...	...	...	11.8		...	...	...	107.7
3512 Building/repairing of pleasure/sport. boats		...	...	...	2		...	...	...	0.1		...	...	...	0.2
3520 Railway/tramway locomotives & rolling stock		...	...	...	3		...	...	...	5.5		...	...	...	52.4
3530 Aircraft and spacecraft		...	...	...	1		...	...	...	-		...	...	...	0.1
359 Transport equipment n.e.c.		...	...	...	-		...	...	...	-		...	...	...	-
3591 Motorcycles		...	...	...	-		...	...	...	-		...	...	...	-
3592 Bicycles and invalid carriages		...	...	...	-		...	...	...	-		...	...	...	-
3599 Other transport equipment n.e.c.		...	...	...	-		...	...	...	-		...	...	...	-
3610 Furniture		...	...	...	189		...	...	...	13.7		...	...	...	83.8
369 Manufacturing n.e.c.		...	...	...	64		...	...	...	2.6		...	...	...	12.9
3691 Jewellery and related articles		...	...	...	-		...	...	...	-		...	...	...	-
3692 Musical instruments		...	...	...	-		...	...	...	-		...	...	...	-
3693 Sports goods		...	...	...	-		...	...	...	-		...	...	...	-
3694 Games and toys		...	...	...	-		...	...	...	-		...	...	...	-
3699 Other manufacturing n.e.c.		...	...	...	-		...	...	...	-		...	...	...	-
3710 Recycling of metal waste and scrap		...	...	...	-		...	...	...	-		...	...	...	-
3720 Recycling of non-metal waste and scrap		...	...	...	-		...	...	...	-		...	...	...	-
D Total manufacturing		...	...	...	9511		...	...	...	1099.4		...	...	...	8122.3

## Egypt

ISIC Revision 3 ISIC Industry	Output in factor values				Value added in factor values				Gross fixed capital formation			
	Note	(million POUNDS)				Note	(million POUNDS)				(thousand POUNDS)	
		1994	1995	1996	1997		1994	1995	1996	1997	1996	1997
151 Processed meat, fish, fruit, vegetables, fats	...	...	...	4468.6	...	...	...	869.1	...	...	120.5	
1511 Processing/preserving of meat	...	...	...	670.7	...	...	...	140.0	...	...	...	
1512 Processing/preserving of fish	...	...	...	63.3	...	...	...	15.9	...	...	...	
1513 Processing/preserving of fruit & vegetables	...	...	...	610.6	...	...	...	122.1	...	...	...	
1514 Vegetable and animal oils and fats	...	...	...	3123.9	...	...	...	591.2	...	...	...	
1520 Dairy products	...	...	...	761.9	...	...	...	170.2	...	...	-19.3	
153 Grain mill products; starches; animal feeds	...	...	...	5016.9	...	...	...	1167.5	...	...	-67.4	
1531 Grain mill products	...	...	...	3426.6	...	...	...	465.1	...	...	...	
1532 Starches and starch products	...	...	...	442.8	...	...	...	236.1	...	...	...	
1533 Prepared animal feeds	...	...	...	1147.6	...	...	...	466.3	...	...	...	
154 Other food products	...	...	...	6488.9	...	...	...	1716.5	...	...	1280.1	
1541 Bakery products	...	...	...	1908.6	...	...	...	573.0	...	...	...	
1542 Sugar	...	...	...	2355.9	...	...	...	441.4	...	...	...	
1543 Cocoa, chocolate and sugar confectionery	...	...	...	462.4	...	...	...	167.1	...	...	...	
1544 Macaroni, noodles & similar products	...	...	...	366.2	...	...	...	78.6	...	...	...	
1549 Other food products n.e.c.	...	...	...	1395.7	...	...	...	456.4	...	...	...	
155 Beverages	...	...	...	597.2	...	...	...	189.4	...	...	38.8	
1551 Distilling, rectifying & blending of spirits	...	...	...	91.9	...	...	...	37.3	...	...	...	
1552 Wines	...	...	...	16.5	...	...	...	4.1	...	...	...	
1553 Malt liquors and malt	...	...	...	...	...	...	...	...	...	...	...	
1554 Soft drinks; mineral waters	...	...	...	488.7	...	...	...	148.1	...	...	...	
1600 Tobacco products	...	...	...	2065.4	...	...	...	139.4	...	...	-274.5	
171 Spinning, weaving and finishing of textiles	...	...	...	5152.7	...	...	...	1053.6	...	...	-217.5	
1711 Textile fibre preparation; textile weaving	...	...	...	5121.1	...	...	...	1050.6	...	...	...	
1712 Finishing of textiles	...	...	...	31.7	...	...	...	3.1	...	...	...	
172 Other textiles	...	...	...	1942.7	...	...	...	814.8	...	...	160.0	
1721 Made-up textile articles, except apparel	...	...	...	392.1	...	...	...	89.5	...	...	...	
1722 Carpets and rugs	...	...	...	678.4	...	...	...	359.8	...	...	...	
1723 Cordage, rope, twine and netting	...	...	...	0.4	...	...	...	0.1	...	...	...	
1729 Other textiles n.e.c.	...	...	...	871.9	...	...	...	365.3	...	...	...	
1730 Knitted and crocheted fabrics and articles	...	...	...	537.8	...	...	...	131.7	...	...	246.2	
1810 Wearing apparel, except fur apparel	...	...	...	2823.6	...	...	...	951.6	...	...	58.2	
1820 Dressing & dyeing of fur; processing of fur	...	...	...	4.0	...	...	...	1.8	...	...	0.3	
191 Tanning, dressing and processing of leather	...	...	...	146.2	...	...	...	16.7	...	...	12.9	
1911 Tanning and dressing of leather	...	...	...	134.8	...	...	...	13.4	...	...	...	
1912 Luggage, handbags, etc.; saddlery & harness	...	...	...	11.4	...	...	...	3.3	...	...	...	
1920 Footwear	...	...	...	188.0	...	...	...	64.0	...	...	116.3	
2010 Sawmilling and planing of wood	...	...	...	9.8	...	...	...	4.2	...	...	121.4	
202 Products of wood, cork, straw, etc.	...	...	...	226.1	...	...	...	5.0	...	...	28.2	
2021 Veneer sheets, plywood, particle board, etc.	...	...	...	111.0	...	...	...	47.6	...	...	...	
2022 Builders' carpentry and joinery	...	...	...	99.8	...	...	...	-46.5	...	...	...	
2023 Wooden containers	...	...	...	0.1	...	...	...	-	...	...	...	
2029 Other wood products; articles of cork/straw	...	...	...	15.2	...	...	...	3.9	...	...	...	
210 Paper and paper products	...	...	...	1410.4	...	...	...	198.6	...	...	152.4	
2101 Pulp, paper and paperboard	...	...	...	290.3	...	...	...	46.4	...	...	...	
2102 Corrugated paper and paperboard	...	...	...	580.0	...	...	...	12.6	...	...	...	
2109 Other articles of paper and paperboard	...	...	...	540.2	...	...	...	139.5	...	...	...	
221 Publishing	...	...	...	1.6	...	...	...	1.3	...	...	-	
2211 Publishing of books and other publications	...	...	...	...	...	...	...	...	...	...	...	
2212 Publishing of newspapers, journals, etc.	...	...	...	...	...	...	...	...	...	...	...	
2213 Publishing of recorded media	...	...	...	...	...	...	...	...	...	...	...	
2219 Other publishing	...	...	...	...	...	...	...	...	...	...	...	

continued

## Egypt

ISIC Revision 3 ISIC Industry	Output in factor values					Value added in factor values					Gross fixed capital formation	
	Note	(million POUNDS)				Note	(million POUNDS)				(thousand POUNDS)	
		1994	1995	1996	1997		1994	1995	1996	1997	1996	1997
222 Printing and related service activities		...	...	...	1644.2		...	...	...	489.7	...	209.3
2221 Printing		...	...	...	1638.4		...	...	...	488.1	...	...
2222 Service activities related to printing		...	...	...	5.8		...	...	...	1.6	...	...
2230 Reproduction of recorded media		...	...	...	2.2		...	...	...	0.2	...	...
2310 Coke oven products		...	...	...	706.9		...	...	...	160.8	...	-20.3
2320 Refined petroleum products		...	...	...	13135.9		...	...	...	2976.3	...	2256.7
2330 Processing of nuclear fuel		...	...	...	-		...	...	...	-	...	...
241 Basic chemicals		...	...	...	2877.3		...	...	...	1260.7	...	531.0
2411 Basic chemicals, except fertilizers		...	...	...	1071.5		...	...	...	449.7	...	...
2412 Fertilizers and nitrogen compounds		...	...	...	1701.8		...	...	...	803.6	...	...
2413 Plastics in primary forms; synthetic rubber		...	...	...	104.0		...	...	...	7.5	...	...
242 Other chemicals		...	...	...	7754.1		...	...	...	2850.8	...	776.2
2421 Pesticides and other agro-chemical products		...	...	...	236.2		...	...	...	46.0	...	...
2422 Paints, varnishes, printing ink and mastics		...	...	...	891.2		...	...	...	447.2	...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		...	...	...	3459.1		...	...	...	1149.1	...	...
2424 Soap, cleaning & cosmetic preparations		...	...	...	2593.3		...	...	...	1065.8	...	...
2429 Other chemical products n.e.c.		...	...	...	574.3		...	...	...	142.7	...	...
2430 Man-made fibres		...	...	...	93.5		...	...	...	38.4	...	3.2
251 Rubber products		...	...	...	669.0		...	...	...	156.5	...	13.5
2511 Rubber tyres and tubes		...	...	...	316.2		...	...	...	86.0	...	...
2519 Other rubber products		...	...	...	352.8		...	...	...	70.5	...	...
2520 Plastic products		...	...	...	1119.3		...	...	...	273.1	...	126.3
2610 Glass and glass products		...	...	...	547.0		...	...	...	207.9	...	88.3
269 Non-metallic mineral products n.e.c.		...	...	...	5913.4		...	...	...	2172.9	...	626.9
2691 Pottery, china and earthenware		...	...	...	305.1		...	...	...	179.7	...	...
2692 Refractory ceramic products		...	...	...	49.5		...	...	...	6.7	...	...
2693 Struct.non-refractory clay; ceramic products		...	...	...	1019.9		...	...	...	279.2	...	...
2694 Cement, lime and plaster		...	...	...	3508.5		...	...	...	1275.8	...	...
2695 Articles of concrete, cement and plaster		...	...	...	865.8		...	...	...	396.0	...	...
2696 Cutting, shaping & finishing of stone		...	...	...	105.6		...	...	...	19.6	...	...
2699 Other non-metallic mineral products n.e.c.		...	...	...	59.0		...	...	...	15.8	...	...
2710 Basic iron and steel		...	...	...	4096.6		...	...	...	922.9	...	637.2
2720 Basic precious and non-ferrous metals		...	...	...	1547.4		...	...	...	305.9	...	245.6
273 Casting of metals		...	...	...	220.4		...	...	...	91.4	...	19.0
2731 Casting of iron and steel		...	...	...	196.3		...	...	...	89.0	...	...
2732 Casting of non-ferrous metals		...	...	...	24.1		...	...	...	2.4	...	...
281 Struct.metal products;tanks;steam generators		...	...	...	343.8		...	...	...	137.2	...	22.1
2811 Structural metal products		...	...	...	269.7		...	...	...	90.5	...	...
2812 Tanks, reservoirs and containers of metal		...	...	...	74.1		...	...	...	46.7	...	...
2813 Steam generators		...	...	...	-		...	...	...	-	...	...
289 Other metal products; metal working services		...	...	...	1703.5		...	...	...	353.4	...	222.8
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	281.9		...	...	...	22.4	...	...
2892 Treatment & coating of metals		...	...	...	54.6		...	...	...	11.7	...	...
2893 Cutlery, hand tools and general hardware		...	...	...	336.2		...	...	...	114.8	...	...
2899 Other fabricated metal products n.e.c.		...	...	...	1030.8		...	...	...	204.6	...	...
291 General purpose machinery		...	...	...	682.7		...	...	...	107.2	...	-18.6
2911 Engines & turbines(not for transport equip.)		...	...	...	36.0		...	...	...	18.2	...	...
2912 Pumps, compressors, taps and valves		...	...	...	163.2		...	...	...	49.4	...	...
2913 Bearings, gears, gearing & driving elements		...	...	...	-		...	...	...	-	...	...
2914 Ovens, furnaces and furnace burners		...	...	...	8.1		...	...	...	4.5	...	...
2915 Lifting and handling equipment		...	...	...	147.8		...	...	...	-58.1	...	...
2919 Other general purpose machinery		...	...	...	328.6		...	...	...	93.3	...	...

292	Special purpose machinery	...	...	394.4	...	...	167.2	...	5.6
2921	Agricultural and forestry machinery	...	...	128.9	...	...	74.0	...	...
2922	Machine tools	...	...	53.4	...	...	24.6	...	...
2923	Machinery for metallurgy	...	...	-	...	...	-	...	...
2924	Machinery for mining & construction	...	...	18.6	...	...	-3.2	...	...
2925	Food/beverage/tobacco processing machinery	...	...	19.6	...	...	7.5	...	...
2926	Machinery for textile, apparel and leather	...	...	22.1	...	...	4.8	...	...
2927	Weapons and ammunition	...	...	76.2	...	...	27.7	...	...
2929	Other special purpose machinery	...	...	75.4	...	...	31.8	...	...
2930	Domestic appliances n.e.c.	...	...	2381.5	...	...	627.4	...	26.7
3000	Office, accounting and computing machinery	...	...	185.0	...	...	89.2	...	0.7
3110	Electric motors, generators and transformers	...	...	204.6	...	...	100.2	...	33.8
3120	Electricity distribution & control apparatus	...	...	635.1	...	...	186.3	...	63.6
3130	Insulated wire and cable	...	...	941.8	...	...	244.6	...	23.5
3140	Accumulators, primary cells and batteries	...	...	338.0	...	...	101.6	...	-19.1
3150	Lighting equipment and electric lamps	...	...	187.0	...	...	63.9	...	0.2
3190	Other electrical equipment n.e.c.	...	...	38.6	...	...	15.3	...	7.1
3210	Electronic valves, tubes, etc.	...	...	46.9	...	...	11.4	...	-
3220	TV/radio transmitters; line comm. apparatus	...	...	251.5	...	...	73.9	...	-14.6
3230	TV and radio receivers and associated goods	...	...	452.3	...	...	107.9	...	16.9
331	Medical, measuring, testing appliances, etc.	...	...	199.7	...	...	75.4	...	16.9
3311	Medical, surgical and orthopaedic equipment	...	...	123.8	...	...	46.8	...	...
3312	Measuring/testing/navigating appliances, etc.	...	...	75.9	...	...	28.6	...	...
3313	Industrial process control equipment	...	...	-	...	...	-	...	...
3320	Optical instruments & photographic equipment	...	...	42.9	...	...	10.3	...	4.8
3330	Watches and clocks	...	...	3.8	...	...	0.1	...	0.3
3410	Motor vehicles	...	...	2853.5	...	...	620.9	...	293.2
3420	Automobile bodies, trailers & semi-trailers	...	...	65.6	...	...	7.5	...	8.2
3430	Parts/accessories for automobiles	...	...	76.3	...	...	46.7	...	7.3
351	Building and repairing of ships and boats	...	...	295.8	...	...	74.3	...	-46.5
3511	Building and repairing of ships	...	...	294.3	...	...	74.1	...	...
3512	Building/repairing of pleasure/sport. boats	...	...	1.5	...	...	0.2	...	...
3520	Railway/tramway locomotives & rolling stock	...	...	480.8	...	...	152.4	...	-117.6
3530	Aircraft and spacecraft	...	...	0.8	...	...	0.1	...	...
359	Transport equipment n.e.c.	...	...	-	...	...	-	...	-
3591	Motorcycles	...	...	...	...	...	...	...	...
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	...	...	...	...	...	...	...	...
3610	Furniture	...	...	378.9	...	...	108.2	...	-6.3
369	Manufacturing n.e.c.	...	...	107.7	...	...	45.5	...	1.1
3691	Jewellery and related articles	...	...	...	...	...	...	...	...
3692	Musical instruments	...	...	...	...	...	...	...	...
3693	Sports goods	...	...	...	...	...	...	...	...
3694	Games and toys	...	...	...	...	...	...	...	...
3699	Other manufacturing n.e.c.	...	...	...	...	...	...	...	...
3710	Recycling of metal waste and scrap	...	...	-	...	...	-	...	-
3720	Recycling of non-metal waste and scrap	...	...	-	...	...	-	...	-
D	Total manufacturing	...	...	85461.6	...	...	22930.6	...	7801.5

## Egypt

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		112	109	123	100	97	97	113	118	124	139	145	...
16	Tobacco products		117	112	106	100	105	106	111	121	129	147	160	...
17	Textiles		114	95	99	100	108	98	92	92	96	79	87	...
18	wearing apparel, fur		39	98	121	100	85	81	79	81	87	86	156	...
19	Leather, leather products and footwear		157	165	164	100	108	103	101	103	97	89	112	...
20	Wood products (excl. furniture)		133	112	102	100	92	89	92	98	95	142	88	...
21	Paper and paper products		55	66	68	100	101	105	75	77	72	84	87	...
22	Printing and publishing		137	115	112	100	98	94	77	70	59	72	55	...
23	Coke, refined petroleum products, nuclear fuel		108	99	95	100	122	121	117	114	103	105	112	...
24	Chemicals and chemical products		107	110	99	100	101	84	91	95	91	150	144	...
25	Rubber and plastics products		107	113	124	100	98	90	80	76	75	121	74	...
26	Non-metallic mineral products		66	79	83	100	93	93	95	89	98	123	122	...
27	Basic metals		94	94	101	100	112	91	90	97	103	124	113	...
28	Fabricated metal products		106	114	108	100	98	98	97	99	99	114	150	...
29	Machinery and equipment n.e.c.		122	110	111	100	90	80	82	89	102	189	274	...
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus		119	128	114	100	106	97	91	94	97	148	197	...
32	Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments		94	164	141	100	101	67	46	42	63	73	114	...
34	Motor vehicles, trailers, semi-trailers	a/	135	146	151	100	121	85	99	101	92	92	107	...
35	Other transport equipment	a/	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		109	110	107	100	106	97	99	101	101	122	136	...

a/ 34 includes 35.

## EL SALVADOR

<p><b>Supplier of information:</b> Departamento de Estadísticas Industriales, Dirección General de Estadística y Censos (DIGESTYC), Ministerio de Economía, San Salvador.</p> <p><b>Basic source of data:</b> Annual survey of the manufacturing industry.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Establishments with 5 or more persons engaged and with fixed capital of 20,000 colones or more. Establishments processing coffee or cotton are excluded.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of persons engaged</u> is as of 31 August of the reference year. <u>Output</u> includes receipts for the right to use patents, copyrights and the like, and purchases of goods for resale without transformation.</p> <p><b>Related national publications:</b> Anuario Estadístico, Tomo III, published by the Dirección General de Estadística y Censos (DIGESTYC), Ministerio de Economía, San Salvador.</p>
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El Salvador

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million COLONES)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		122	248	286	272		5616	11927	18234	17915		202.1	338.2	647.9	726.2
3111 Slaughtering, preparing & preserving meat		3	12	12	13		105	543	2304	2281		1.8	18.8	56.6	137.9
3112 Dairy products		11	21	19	14		462	982	1541	1206		24.4	20.8	45.0	42.8
3113 Canning, preserving of fruits & vegetables		7	9	10	9		121	573	743	681		2.2	27.1	18.4	24.5
3114 Canning, preserving and processing of fish		2	5	2	3		344	1035	299	602		5.3	18.3	6.2	17.3
3115 Vegetable and animal oils and fats		6	8	5	6		1047	1100	1024	1227		57.2	50.8	63.4	83.9
3116 Grain mill products		1	9	21	18		7	67	789	233		0.1	1.2	6.0	5.8
3117 Bakery products		63	124	155	144		1325	2611	6289	6787		24.2	47.8	280.1	224.5
3118 Sugar factories and refineries		4	6	7	6		1239	2905	3422	2625		60.7	75.2	112.2	107.1
3119 Cocoa, chocolate and sugar confectionery		5	9	11	8		388	664	733	684		8.0	18.8	33.3	19.8
3121 Other food products		12	31	32	37		429	1263	883	1315		13.1	53.4	23.7	53.1
3122 Prepared animal feeds		8	14	12	14		149	184	207	274		5.1	6.0	3.0	9.4
313 Beverages		14	17	24	25		3388	3866	4346	3873		177.6	172.1	154.3	222.7
3131 Distilling, rectifying and blending spirits		9	9	13	9		177	247	466	160		3.8	6.9	4.8	3.3
3132 Wine industries		-	-	-	-		-	-	-	-		-	-	-	-
3133 Malt liquors and malt		1	1	1	1		882	855	803	776		68.1	48.9	20.1	94.8
3134 Soft drinks and carbonated waters		4	7	10	15		2329	2764	3077	2937		105.7	116.3	129.4	124.5
314 Tobacco		1	1	-	-		250	231	-	-		20.3	18.2	-	-
321 Textiles		52	77	109	97		7491	10733	13747	13461		172.3	251.1	369.2	338.9
3211 Spinning, weaving and finishing textiles		17	23	25	21		3629	5846	5853	5700		87.6	136.7	194.5	151.3
3212 Made-up textile goods excl. wearing apparel		13	16	26	22		1417	871	1941	1755		42.0	21.2	51.5	57.3
3213 Knitting mills		22	37	55	49		2445	4012	5722	5805		42.6	93.1	115.8	121.8
3214 Carpets and rugs		-	1	-	-		-	4	-	-		-	0.1	-	-
3215 Cordage, rope and twine		-	-	-	-		-	-	-	-		-	-	-	-
3219 Other textiles		-	-	3	5		-	-	231	201		-	-	7.5	8.5
322 Wearing apparel, except footwear		78	166	198	179		11943	30873	44266	48731		201.2	570.3	922.7	1055.7
323 Leather and fur products		1	8	8	15		140	528	840	1087		4.8	13.8	23.7	31.9
3231 Tanneries and leather finishing		1	2	4	7		140	127	447	570		4.8	3.3	12.2	16.8
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	11.5	-
3233 Leather prods. excl. wearing apparel		...	6	4	8		...	401	393	517		...	10.5	-	15.2
324 Footwear, except rubber or plastic		5	29	24	18		1282	812	3131	3187		22.9	16.7	74.8	80.0
331 Wood products, except furniture		6	21	33	27		148	185	158	137		4.2	3.5	2.2	2.7
3311 Sawmills, planing and other wood mills		1	7	14	13		6	49	20	47		0.2	1.3	0.3	1.2
3312 Wooden and cane containers		-	-	-	-		-	-	-	-		-	-	-	-
3319 Other wood and cork products		5	14	19	14		142	136	138	90		4.0	2.3	1.9	1.6
332 Furniture and fixtures, excl. metal		34	45	54	53		1237	1000	1434	1413		28.4	22.1	34.6	40.8
341 Paper and products		8	9	15	19		1614	1110	2026	2973		30.8	36.0	64.5	122.4
3411 Pulp, paper and paperboard articles		...	3	2	2		...	355	188	20		...	11.3	3.2	0.4
3412 Containers of paper and paperboard		7	3	9	9		1596	720	1640	2315		29.9	23.9	54.3	88.4
3419 Other pulp, paper and paperboard articles		1	3	4	8		18	35	198	638		0.9	0.8	7.0	33.6
342 Printing and publishing		79	112	105	111		2897	3160	2923	2928		81.9	100.2	39.7	117.8
351 Industrial chemicals		4	7	13	11		717	945	954	594		52.6	71.1	71.5	25.3
3511 Basic chemicals excl. fertilizers		1	3	9	6		33	70	247	230		2.4	3.0	13.5	11.0
3512 Fertilizers and pesticides		2	2	4	3		597	807	707	170		48.0	66.7	58.0	8.9
3513 Synthetic resins and plastic materials		1	2	-	2		87	68	-	194		2.1	1.5	-	5.3
352 Other chemicals		56	65	87	89		5053	5340	7405	8464		48.4	245.3	300.3	425.8
3521 Paints, varnishes and lacquers		2	2	3	2		254	229	278	298		9.5	9.7	12.8	14.9
3522 Drugs and medicines		35	31	50	51		3382	2393	4173	4744		0.1	81.3	147.8	236.1
3523 Soap, cleaning preps., perfumes, cosmetics		9	18	19	16		492	2152	2543	2633		20.2	144.0	129.8	152.1
3529 Other chemical products		10	14	15	20		925	566	411	789		18.6	10.3	9.8	22.7
353 Petroleum refineries		1	1	1	1		69	69	106	78		15.3	15.3	19.9	18.7

354 Misc. petroleum and coal products	3	2	2	1	42	33	9	7	1.0	2.3	0.1	0.1
355 Rubber products	11	13	13	19	1754	380	361	425	41.7	10.2	9.7	13.4
3551 Tyres and tubes	5	4	5	6	308	155	225	219	11.3	4.6	6.9	7.1
3559 Other rubber products	6	9	8	13	1446	225	136	206	30.3	5.5	2.8	6.3
356 Plastic products	16	37	46	45	1859	3915	2918	4770	47.1	97.6	101.7	173.1
361 Pottery, china, earthenware	5	5	5	5	58	41	34	23	1.0	0.7	0.6	0.4
362 Glass and products	4	7	6	4	71	117	148	99	16.3	2.5	3.3	2.2
369 Other non-metallic mineral products	38	68	82	78	2251	2843	3168	3048	76.8	97.5	112.8	150.0
3691 Structural clay products	2	7	4	5	62	72	80	90	1.2	1.5	1.4	1.9
3692 Cement, lime and plaster	1	2	1	1	794	794	825	739	39.7	39.7	45.3	83.9
3699 Other non-metallic mineral products	35	59	77	72	1395	1977	2263	2219	36.0	56.3	66.1	64.2
371 Iron and steel	7	3	7	8	887	482	1167	1404	24.5	17.8	35.9	42.9
372 Non-ferrous metals	-	-	2	-	-	-	23	-	-	-	1.1	-
381 Fabricated metal products	52	92	97	86	1972	3460	4459	3293	49.7	85.6	120.8	100.4
3811 Cutlery, hand tools and general hardware	2	3	4	3	381	488	532	550	9.3	12.9	16.3	20.9
3812 Furniture and fixtures primarily of metal	24	21	23	14	456	352	770	687	9.2	7.1	16.5	18.5
3813 Structural metal products	11	38	42	40	677	1137	985	459	15.4	23.8	23.9	9.2
3819 Other fabricated metal products	15	30	28	29	458	1483	2172	1597	15.8	41.7	64.1	52.0
382 Non-electrical machinery	24	30	39	53	942	932	1073	1783	26.5	30.2	33.0	52.5
3821 Engines and turbines	-	-	2	1	-	-	16	2	-	-	0.2	-
3822 Agricultural machinery and equipment	-	1	3	2	-	25	24	21	-	0.6	0.4	1.0
3823 Metal and wood working machinery	-	2	-	-	-	85	-	-	-	2.2	-	-
3824 Other special industrial machinery	18	14	11	12	414	174	117	131	10.1	4.6	2.7	3.9
3825 Office, computing and accounting machinery	-	1	1	1	-	5	5	5	-	0.1	0.1	0.1
3829 Other non-electrical machinery & equipment	6	12	22	37	528	643	911	1624	16.4	22.8	29.7	47.4
383 Electrical machinery	7	18	17	14	101	2412	2653	2023	6.3	69.4	56.6	56.3
3831 Electrical industrial machinery	3	3	5	3	-	54	99	33	1.3	1.4	1.2	0.9
3832 Radio, television and communication equipm.	1	5	4	3	48	1331	1938	1358	3.8	24.4	35.4	17.4
3833 Electrical appliances and housewares	-	-	2	1	-	-	49	52	-	-	1.0	1.7
3839 Other electrical apparatus and supplies	3	10	6	7	53	1027	567	580	1.2	43.6	18.9	36.3
384 Transport equipment	16	10	11	8	152	273	223	968	2.7	6.4	5.0	62.6
3841 Shipbuilding and repairing	1	1	3	1	10	36	55	31	0.2	0.9	1.3	0.9
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles	14	8	6	4	138	167	79	37	2.4	3.8	1.4	0.6
3844 Motorcycles and bicycles	1	1	2	2	4	70	89	90	0.1	1.7	2.3	2.3
3845 Aircraft	-	-	-	1	-	-	-	810	-	-	-	58.8
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-
385 Professional and scientific equipment	1	8	7	6	8	124	148	91	0.1	4.4	5.5	3.8
3851 Prof. and scientific equipment n.e.c.	1	6	3	1	8	95	30	16	0.1	2.8	0.8	0.1
3852 Photographic and optical goods	-	2	3	4	-	29	113	70	-	1.5	4.7	3.7
3853 Watches and clocks	-	-	1	1	-	-	5	5	-	-	0.1	0.1
390 Other manufacturing industries	25	13	32	32	1283	895	1937	1332	27.3	24.9	49.5	40.9
3901 Jewellery and related articles	3	-	4	4	39	-	50	44	0.9	-	0.9	0.9
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	2	1	1	1	462	201	223	264	5.4	2.8	2.5	3.4
3909 Manufacturing industries, n.e.c.	20	12	27	27	782	694	1664	1024	21.0	22.1	46.1	36.7
3 Total manufacturing	670	1112	1323	1276	53225	86686	117891	124107	1383.9	2323.5	3260.8	3907.8



El Salvador

ISIC Revision 2 ISIC Industry	Note	Output (million COLONES)				Note	Value added in producers' prices (million COLONES)				Note	Gross fixed capital formation (thousand COLONES)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
311/2 Food products		2929.9	4718.9	7700.3	7858.1		948.2	1426.0	1066.7	2687.9		366525	289872
3111 Slaughtering, preparing & preserving meat		19.5	156.7	1209.9	1249.1		9.0	55.6	117.0	420.7		52218	3225
3112 Dairy products		213.3	255.9	485.8	441.7		90.9	86.3	20.2	148.4		13510	13162
3113 Canning, preserving of fruits & vegetables		10.3	184.9	460.9	308.6		4.2	72.2	39.0	63.1		43537	15056
3114 Canning, preserving and processing of fish		41.8	125.2	38.7	117.1		24.9	47.7	4.0	69.0		2922	580
3115 Vegetable and animal oils and fats		1208.8	1499.4	1223.4	1137.0		252.4	368.1	96.7	441.3		51325	12336
3116 Grain mill products		...	17.2	361.3	104.1		0.4	4.0	28.2	29.1		2608	3419
3117 Bakery products		125.2	356.9	1367.6	1436.8		7.7	132.8	158.4	580.8		139850	42495
3118 Sugar factories and refineries		679.9	762.7	1332.4	1363.8		418.0	275.5	579.1	486.1		-	177401
3119 Cocoa, chocolate and sugar confectionery		84.1	124.0	132.7	131.2		29.5	47.1	6.6	58.3		17327	3227
3121 Other food products		102.5	648.5	493.0	796.3		40.7	244.7	-14.6	284.5		36952	14429
3122 Prepared animal feeds		444.4	587.5	594.5	772.3		70.7	92.1	32.2	106.7		6276	4542
313 Beverages		1521.6	1308.9	2072.7	1530.9		1015.3	756.3	365.5	986.7		170864	163786
3131 Distilling, rectifying and blending spirits		45.6	100.6	134.5	55.0		19.6	28.3	25.4	10.9		6240	14596
3132 Wine industries		...	-	-	-		-	-	-	-		-	-
3133 Malt liquors and malt		461.5	401.9	462.8	517.5		333.1	301.8	71.7	447.0		-	-
3134 Soft drinks and carbonated waters		1014.5	806.5	1475.4	958.4		662.6	426.3	268.4	528.8		164624	149190
314 Tobacco		341.5	358.5	-	-		281.3	264.6	-	-		-	-
321 Textiles		1375.4	1666.1	2581.7	2430.6		635.8	589.1	308.8	1053.5		232700	166135
3211 Spinning, weaving and finishing textiles		775.6	1157.8	1365.5	1318.8		319.6	318.7	197.0	526.0		174862	90182
3212 Made-up textile goods excl. wearing apparel		328.5	110.7	584.8	512.7		120.5	60.9	54.5	210.4		39001	49438
3213 Knitting mills		271.3	397.2	558.7	535.5		195.6	209.1	54.3	296.6		18382	25879
3214 Carpets and rugs		-	0.4	-	-		-	0.3	-	-		-	-
3215 Cordage, rope and twine		-	-	-	-		-	-	-	-		-	-
3219 Other textiles		-	-	72.8	63.6		-	-	3.0	20.5		455	636
322 Wearing apparel, except footwear		566.5	1381.3	3079.7	3147.2		466.2	1008.8	797.2	2180.4		98132	96834
323 Leather and fur products		23.1	73.8	126.2	184.0		4.2	38.2	9.0	71.0		1837	2717
3231 Tanneries and leather finishing		23.1	20.5	68.5	123.9		4.2	1.0	-4.7	25.7		1762	2683
3232 Fur dressing and dyeing industries		...	-	-	-		-	-	-	-		-	-
3233 Leather prods. excl. wearing apparel		...	53.2	57.7	60.1		...	37.2	13.7	45.3		75	34
324 Footwear, except rubber or plastic		133.0	78.2	618.3	682.3		64.1	35.9	56.2	240.1		19812	12172
331 Wood products, except furniture		10.9	13.3	8.9	9.4		19.8	7.1	4.3	5.4		792	250
3311 Sawmills, planing and other wood mills		0.6	6.1	2.6	3.4		0.5	2.9	1.0	1.6		-	206
3312 Wooden and cane containers		-	-	-	-		-	-	-	-		-	-
3319 Other wood and cork products		10.3	7.2	6.3	6.1		19.3	4.3	3.3	3.8		792	44
332 Furniture and fixtures, excl. metal		167.2	135.0	237.6	299.5		42.4	59.7	49.1	127.8		16954	21582
341 Paper and products		697.7	389.4	818.4	1411.5		309.6	255.5	19.4	491.7		6541	85493
3411 Pulp, paper and paperboard articles		...	286.5	108.6	3.5		...	194.3	7.5	2.2		6690	38
3412 Containers of paper and paperboard		693.4	96.2	655.0	951.1		307.6	57.9	4.3	339.3		-149	81106
3419 Other pulp, paper and paperboard articles		4.4	6.6	54.8	456.9		2.0	3.3	7.6	150.2		-	4349
342 Printing and publishing		312.0	673.1	909.4	683.1		419.5	388.8	296.0	404.9		140865	16480
351 Industrial chemicals		272.9	648.1	748.4	267.3		160.4	228.1	41.2	94.2		50646	10956
3511 Basic chemicals excl. fertilizers		18.2	24.6	184.5	105.3		8.7	14.9	66.8	53.2		18083	8956
3512 Fertilizers and pesticides		239.8	594.3	563.9	101.7		144.8	208.5	-25.6	26.9		32563	-21
3513 Synthetic resins and plastic materials		15.0	29.2	-	60.3		6.9	4.7	-	14.2		-	2021
352 Other chemicals		644.3	2585.8	3006.0	4134.3		223.1	1426.6	247.0	1927.2		125121	175418
3521 Paints, varnishes and lacquers		178.6	190.8	190.6	212.4		65.2	68.4	16.2	84.0		4969	17300
3522 Drugs and medicines		1.8	638.2	1035.0	1825.6		0.4	398.9	150.0	1123.6		61757	50570
3523 Soap, cleaning preps., perfumes, cosmetics		208.8	1687.1	1723.7	1876.3		62.5	932.1	62.8	636.5		57294	92627
3529 Other chemical products		255.1	69.8	56.7	220.0		94.9	27.2	18.0	83.2		1101	14921
353 Petroleum refineries		1243.5	2075.1	2354.5	1492.2		735.4	865.2	91.5	156.6		3471	-8725

354 Misc. petroleum and coal products	9.2	167.6	0.5	0.5	2.4	37.5	0.4	0.3	795	116
355 Rubber products	108.0	74.1	61.7	81.8	104.6	38.4	9.6	41.0	4757	4856
3551 Tyres and tubes	35.4	26.5	41.4	48.2	60.5	15.4	2.1	22.5	1809	101
3559 Other rubber products	72.6	47.6	20.3	33.6	44.1	23.1	7.6	18.5	2948	4755
356 Plastic products	234.1	741.2	1001.6	1127.0	91.0	273.3	70.0	499.9	18284	49540
361 Pottery, china, earthenware	2.1	2.1	5.4	1.4	2.3	1.4	-2.6	0.8	8697	-
362 Glass and products	4.2	10.4	11.2	9.9	-1.0	5.2	3.1	6.5	15	2070
369 Other non-metallic mineral products	861.9	1013.8	1086.6	1225.2	458.5	453.3	147.5	663.6	238121	755665
3691 Structural clay products	6.5	5.9	6.4	15.6	2.7	2.1	2.0	6.6	197	1175
3692 Cement, lime and plaster	582.0	597.5	622.8	702.4	326.5	264.9	90.3	439.6	218421	733228
3699 Other non-metallic mineral products	273.3	410.4	457.4	507.2	129.2	186.3	55.1	217.4	19503	21262
371 Iron and steel	475.9	262.3	444.8	509.8	120.1	67.3	79.7	156.5	10848	15570
372 Non-ferrous metals	-	-	17.9	-	-	-	4.5	-	-	-
381 Fabricated metal products	262.1	521.0	1071.3	768.8	249.1	192.4	98.1	271.1	24850	53123
3811 Cutlery, hand tools and general hardware	43.6	75.3	99.8	131.2	155.4	30.5	15.0	71.2	1116	22425
3812 Furniture and fixtures primarily of metal	41.0	30.6	295.0	169.6	27.4	16.6	3.3	6.0	925	8650
3813 Structural metal products	74.8	96.1	177.3	75.6	25.4	54.0	34.2	38.6	7686	11821
3819 Other fabricated metal products	102.8	319.1	499.3	392.5	40.9	91.3	45.6	155.4	15123	10227
382 Non-electrical machinery	175.2	236.6	221.7	238.1	40.8	111.5	27.6	83.6	8760	5481
3821 Engines and turbines	-	-	0.9	0.1	-	-	0.5	0.1	55	-
3822 Agricultural machinery and equipment	-	2.0	1.4	3.7	-	1.3	0.8	2.3	-	254
3823 Metal and wood working machinery	-	8.6	-	-	-	3.8	-	-	-	-
3824 Other special industrial machinery	46.7	14.3	8.9	11.8	20.8	8.6	5.9	7.5	321	1238
3825 Office, computing and accounting machinery	-	1.5	2.5	2.5	-	0.7	1.4	0.9	-211	-
3829 Other non-electrical machinery & equipment	128.5	210.1	208.1	219.9	20.1	97.2	19.1	72.8	8595	3989
383 Electrical machinery	26.9	717.9	498.6	500.2	36.8	214.5	168.5	144.9	1326	5588
3831 Electrical industrial machinery	3.4	5.7	9.4	6.9	6.2	2.3	4.2	3.0	514	419
3832 Radio, television and communication equipm.	13.7	328.2	314.6	136.3	26.4	71.3	147.2	59.5	715	-
3833 Electrical appliances and housewares	-	-	11.5	7.1	-	-	1.7	4.5	11	-
3839 Other electrical apparatus and supplies	9.8	384.0	163.0	349.9	4.1	140.9	15.4	78.0	86	5169
384 Transport equipment	2.3	37.5	29.7	179.5	5.3	15.9	4.6	156.0	849	-656
3841 Shipbuilding and repairing	0.8	11.8	13.4	7.0	-	3.7	3.9	2.7	236	-780
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles	1.2	24.9	6.0	3.8	4.8	12.0	3.3	1.3	613	61
3844 Motorcycles and bicycles	0.3	0.8	10.3	10.9	0.5	0.1	-2.6	1.1	-	63
3845 Aircraft	-	-	-	157.8	-	-	-	151.0	-	-
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-
385 Professional and scientific equipment	0.3	18.6	25.8	10.9	-	12.5	10.2	2.2	632	202
3851 Prof. and scientific equipment n.e.c.	0.3	13.6	3.3	2.3	-	9.5	1.0	0.7	5	-
3852 Photographic and optical goods	-	5.0	21.8	7.8	-	3.1	9.1	1.3	637	188
3853 Watches and clocks	-	-	0.6	0.8	-	-	0.2	0.3	-10	14
390 Other manufacturing industries	108.1	143.9	259.9	249.6	72.7	83.1	84.2	135.8	3361	13804
3901 Jewellery and related articles	3.2	-	3.9	4.0	2.1	-	1.9	2.2	-675	116
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	14.0	4.9	4.1	6.9	13.3	4.2	-0.4	5.1	23	-
3909 Manufacturing industries, n.e.c.	90.9	139.0	251.9	238.7	57.2	78.9	82.6	128.6	4013	13688
3 Total manufacturing	12509.7	20052.4	28999.1	29033.1	6507.9	8856.1	4057.3	12589.6	155555	1938329

El Salvador

ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry	Note	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
311/2 Food products	a/	...	...	...	100	103	112	115	121	127	130	140	149
313 Beverages	a/	...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco		89	95	96	100	104	104	89	92	94	90	71	...
321 Textiles		100	90	97	100	104	113	101	102	111	110	117	120
322 Wearing apparel, except footwear		...	...	...	100	106	113	83	87	90	89	92	97
323 Leather and fur products		81	89	97	100	106	111	111	120	128	124	120	137
324 Footwear, except rubber or plastic		...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture	b/	...	...	...	100	104	107	122	142	156	145	147	139
332 Furniture and fixtures, excl. metal	b/	...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		82	84	91	100	104	111	111	119	121	120	131	137
342 Printing and publishing		83	85	93	100	104	112	118	128	136	144	164	176
351 Industrial chemicals	c/	89	90	97	100	107	117	109	130	143	138	145	163
352 Other chemicals	c/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		93	91	98	100	128	167	141	136	119	125	132	135
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	d/	...	...	...	100	105	112	75	77	82	78	85	96
356 Plastic products	d/	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	e/	94	94	100	100	106	115	128	135	138	131	149	156
362 Glass and products	e/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	e/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	f/	...	...	...	100	103	109	106	111	118	126	141	156
372 Non-ferrous metals	f/	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products	f/	...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	g/	...	...	...	100	105	129	138	159	184	184	174	196
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	g/	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

a/ 311/2 includes 313.

b/ 331 includes 332.

c/ 351 includes 352.

d/ 355 includes 356.

e/ 361 includes 362 and 369.

f/ 371 includes 372 and 381.

g/ 384 includes 390.

## ERITREA

<p><b>Supplier of information:</b> Ministry of Trade and Industry, Research and HRD Division, Asmara.</p> <p><b>Basic source of data:</b> Survey of the manufacturing industry.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Establishments with 10 or more persons engaged.</p> <p><b>Method of enumeration:</b> Complete enumeration.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviation from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b> Census of manufacturing establishments, published by the Ministry of Trade and Industry, Research and HRD Division, Asmara.</p>
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## Eritrea

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand NAKFA)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		4	4	5	5		2440	2356	1515	1863		3979	5241	4997	9234
1511 Processing/preserving of meat		2	2	2	2		830	805	726	1066		2304	3493	2919	5521
1512 Processing/preserving of fish		-	-	-	-		-	-	-	-		-	-	-	-
1513 Processing/preserving of fruit & vegetables		1	1	1	1		1403	1354	593	618		1507	1517	1464	2835
1514 Vegetable and animal oils and fats		1	1	2	2		207	197	196	179		168	231	614	878
1520 Dairy products		1	1	2	2		50	50	62	63		32	32	504	473
153 Grain mill products; starches; animal feeds		4	4	4	5		427	403	385	446		981	2069	2770	3463
1531 Grain mill products		4	4	4	5		427	403	385	446		981	2069	2770	3463
1532 Starches and starch products		-	-	-	-		-	-	-	-		-	-	-	-
1533 Prepared animal feeds		-	-	-	-		-	-	-	-		-	-	-	-
154 Other food products		31	37	35	48		560	616	585	655		1856	2204	2655	3438
1541 Bakery products		28	34	32	44		461	512	517	579		1439	1759	2267	3020
1542 Sugar		-	-	-	-		-	-	-	-		-	-	-	-
1543 Cocoa, chocolate and sugar confectionery		1	1	1	2		62	62	45	57		351	373	328	345
1544 Macaroni, noodles & similar products		2	2	2	2		37	42	23	19		66	72	70	73
1549 Other food products n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
155 Beverages		6	6	6	6		898	876	856	1098		5965	6442	7902	8500
1551 Distilling, rectifying & blending of spirits		-	-	-	-		-	-	-	-		-	-	-	-
1552 Wines		2	2	2	2		67	63	62	48		404	358	462	489
1553 Malt liquors and malt		1	1	1	1		578	543	523	688		3929	4233	5363	5041
1554 Soft drinks; mineral waters		3	3	3	3		253	270	271	362		1632	1851	2077	2970
1600 Tobacco products		1	1	1	1		130	124	132	109		541	860	963	1038
171 Spinning, weaving and finishing of textiles		3	3	3	3		3378	3092	3123	2674		12649	16708	11854	11973
1711 Textile fibre preparation; textile weaving		-	-	-	-		-	-	-	-		-	-	-	-
1712 Finishing of textiles		3	3	3	3		3378	3092	3123	2674		12649	16708	11854	11973
172 Other textiles		2	2	2	2		558	523	457	396		2247	1845	2113	2068
1721 Made-up textile articles, except apparel		-	-	-	-		-	-	-	-		-	-	-	-
1722 Carpets and rugs		1	1	1	1		509	474	423	388		2019	1631	2019	1993
1723 Cordage, rope, twine and netting		-	-	-	-		-	-	-	-		-	-	-	-
1729 Other textiles n.e.c.		1	1	1	1		49	49	34	8		228	214	94	75
1730 Knitted and crocheted fabrics and articles		5	5	6	5		278	253	334	330		1215	1082	2369	892
1810 Wearing apparel, except fur apparel		2	2	4	4		96	99	316	236		225	264	1696	1217
1820 Dressing & dyeing of fur; processing of fur		-	-	-	-		-	-	-	-		-	-	-	-
191 Tanning, dressing and processing of leather		6	6	7	7		332	345	351	338		2069	2113	2631	3199
1911 Tanning and dressing of leather		5	5	6	6		311	324	338	320		2026	2070	2602	3116
1912 Luggage, handbags, etc.; saddlery & harness		1	1	1	1		21	21	13	18		43	43	29	83
1920 Footwear		14	15	18	17		1268	1283	1338	1132		7463	6667	4331	7711
2010 Sawmilling and planing of wood		-	-	-	-		-	-	-	-		-	-	-	-
202 Products of wood, cork, straw, etc.		-	-	-	1		-	-	-	11		-	-	-	-
2021 Veneer sheets, plywood, particle board, etc.		-	-	-	-		-	-	-	-		-	-	-	-
2022 Builders' carpentry and joinery		-	-	-	-		-	-	-	-		-	-	-	-
2023 Wooden containers		-	-	-	-		-	-	-	-		-	-	-	-
2029 Other wood products; articles of cork/straw		-	-	-	1		-	-	-	11		-	-	-	-
210 Paper and paper products		2	2	2	2		134	121	115	99		699	663	784	551
2101 Pulp, paper and paperboard		1	1	1	1		39	39	34	35		247	186	100	73
2102 Corrugated paper and paperboard		1	1	1	1		95	82	81	64		452	477	684	478
2109 Other articles of paper and paperboard		-	-	-	-		-	-	-	-		-	-	-	-
221 Publishing		-	-	-	-		-	-	-	-		-	-	-	-
2211 Publishing of books and other publications		-	-	-	-		-	-	-	-		-	-	-	-
2212 Publishing of newspapers, journals, etc.		-	-	-	-		-	-	-	-		-	-	-	-
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		-	-	-	-
2219 Other publishing		-	-	-	-		-	-	-	-		-	-	-	-

222	Printing and related service activities	4	5	6	7	302	345	320	329	1645	1776	2995	3335
2221	Printing	4	5	6	7	302	345	320	329	1645	1776	2995	3335
2222	Service activities related to printing	-	-	-	-	-	-	-	-	-	-	-	-
2230	Reproduction of recorded media	-	-	-	-	-	-	-	-	-	-	-	-
2310	Coke oven products	-	-	-	-	-	-	-	-	-	-	-	-
2320	Refined petroleum products	-	-	-	-	-	-	-	-	-	-	-	-
2330	Processing of nuclear fuel	-	-	-	-	-	-	-	-	-	-	-	-
241	Basic chemicals	2	2	3	3	27	26	49	46	183	194	426	415
2411	Basic chemicals, except fertilizers	2	2	3	3	27	26	49	46	183	194	426	415
2412	Fertilizers and nitrogen compounds	-	-	-	-	-	-	-	-	-	-	-	-
2413	Plastics in primary forms; synthetic rubber	-	-	-	-	-	-	-	-	-	-	-	-
242	Other chemicals	5	5	10	11	1025	751	777	856	6576	5848	5570	5656
2421	Pesticides and other agro-chemical products	-	-	-	-	-	-	-	-	-	-	-	-
2422	Paints, varnishes, printing ink and mastics	-	-	1	1	-	-	24	25	-	-	180	18
2423	Pharmaceuticals, medicinal chemicals, etc.	-	-	-	-	-	-	-	-	-	-	-	-
2424	Soap, cleaning & cosmetic preparations	3	3	4	5	153	136	145	173	860	905	877	651
2429	Other chemical products n.e.c.	2	2	5	5	872	615	608	658	5716	4943	4513	4988
2430	Man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
251	Rubber products	-	-	-	2	-	-	-	18	-	-	-	70
2511	Rubber tyres and tubes	-	-	-	1	-	-	-	9	-	-	-	11
2519	Other rubber products	-	-	-	1	-	-	-	9	-	-	-	59
2520	Plastic products	2	4	3	5	27	27	84	119	129	50	357	873
2610	Glass and glass products	1	1	2	1	110	51	71	49	814	498	725	599
269	Non-metallic mineral products n.e.c.	20	25	42	45	812	1024	2275	2559	3832	5074	15702	15718
2691	Pottery, china and earthenware	-	-	-	-	-	-	-	-	-	-	-	-
2692	Refractory ceramic products	-	-	4	3	-	-	296	188	-	-	2201	595
2693	Struct.non-refractory clay; ceramic products	15	20	29	32	335	551	1176	1419	1066	2015	6165	7577
2694	Cement, lime and plaster	2	2	4	3	283	276	313	228	2428	2721	3200	2989
2695	Articles of concrete, cement and plaster	-	-	1	1	-	-	264	506	-	-	3191	3818
2696	Cutting, shaping & finishing of stone	3	3	4	6	194	197	226	218	338	338	945	739
2699	Other non-metallic mineral products n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
2710	Basic iron and steel	1	1	1	1	38	30	36	27	158	179	332	253
2720	Basic precious and non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
273	Casting of metals	-	-	-	-	-	-	-	-	-	-	-	-
2731	Casting of iron and steel	-	-	-	-	-	-	-	-	-	-	-	-
2732	Casting of non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
281	Struct.met.al products;tanks;steam generators	-	-	4	5	-	-	105	77	-	-	604	723
2811	Structural metal products	-	-	3	4	-	-	50	52	-	-	206	243
2812	Tanks, reservoirs and containers of metal	-	-	1	1	-	-	55	25	-	-	398	480
2813	Steam generators	-	-	-	-	-	-	-	-	-	-	-	-
289	Other metal products; metal working services	5	5	6	6	506	471	562	539	1790	1900	4706	4597
2891	Metal forging/pressing/stamping/roll-forming	3	3	3	3	374	359	326	290	1723	1840	1965	2247
2892	Treatment & coating of metals	-	-	-	-	-	-	-	-	-	-	-	-
2893	Cutlery, hand tools and general hardware	-	-	1	1	-	-	36	34	-	-	155	155
2899	Other fabricated metal products n.e.c.	2	2	2	2	132	112	200	215	67	60	2586	2195
291	General purpose machinery	1	1	2	2	23	23	17	24	100	104	187	230
2911	Engines & turbines(not for transport equip.)	-	-	-	-	-	-	-	-	-	-	-	-
2912	Pumps, compressors, taps and valves	-	-	-	-	-	-	-	-	-	-	-	-
2913	Bearings, gears, gearing & driving elements	-	-	-	1	-	-	-	14	-	-	-	184
2914	Ovens, furnaces and furnace burners	-	-	-	-	-	-	-	-	-	-	-	-
2915	Lifting and handling equipment	-	-	-	-	-	-	-	-	-	-	-	-
2919	Other general purpose machinery	1	1	2	1	23	23	17	10	100	104	187	46
292	Special purpose machinery	-	-	-	-	-	-	-	-	-	-	-	-
2921	Agricultural and forestry machinery	-	-	-	-	-	-	-	-	-	-	-	-
2922	Machine tools	-	-	-	-	-	-	-	-	-	-	-	-
2923	Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-	-	-
2924	Machinery for mining & construction	-	-	-	-	-	-	-	-	-	-	-	-
2925	Food/beverage/tobacco processing machinery	-	-	-	-	-	-	-	-	-	-	-	-
2926	Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-	-	-
2927	Weapons and ammunition	-	-	-	-	-	-	-	-	-	-	-	-
2929	Other special purpose machinery	-	-	-	-	-	-	-	-	-	-	-	-
2930	Domestic appliances n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-

continued

## Eritrea

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand NAKFA)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		-	-	-	-		-	-	-	-		-	-	-	-
3110 Electric motors, generators and transformers		-	-	-	-		-	-	-	-		-	-	-	-
3120 Electricity distribution & control apparatus		-	-	-	-		-	-	-	-		-	-	-	-
3130 Insulated wire and cable		-	-	-	-		-	-	-	-		-	-	-	-
3140 Accumulators, primary cells and batteries		1	1	2	1		10	9	32	20		32	32	177	414
3150 Lighting equipment and electric lamps		-	-	-	-		-	-	-	-		-	-	-	-
3190 Other electrical equipment n.e.c.		1	1	-	-		10	10	-	-		23	23	-	-
3210 Electronic valves, tubes, etc.		-	-	-	-		-	-	-	-		-	-	-	-
3220 TV/radio transmitters; line comm. apparatus		-	-	-	-		-	-	-	-		-	-	-	-
3230 TV and radio receivers and associated goods		-	-	-	-		-	-	-	-		-	-	-	-
331 Medical, measuring, testing appliances, etc.		4	4	4	3		79	86	89	77		436	554	1203	206
3311 Medical, surgical and orthopaedic equipment		3	3	3	2		54	51	51	31		271	291	685	164
3312 Measuring/testing/navigating appliances, etc.		1	1	1	1		25	35	38	46		165	263	518	42
3313 Industrial process control equipment		-	-	-	-		-	-	-	-		-	-	-	-
3320 Optical instruments & photographic equipment		-	-	-	-		-	-	-	-		-	-	-	-
3330 Watches and clocks		-	-	-	-		-	-	-	-		-	-	-	-
3410 Motor vehicles		-	-	-	-		-	-	-	-		-	-	-	-
3420 Automobile bodies, trailers & semi-trailers		1	1	1	1		84	68	64	30		718	608	615	286
3430 Parts/accessories for automobiles		-	-	1	1		-	-	88	96		-	-	699	803
351 Building and repairing of ships and boats		-	-	-	-		-	-	-	-		-	-	-	-
3511 Building and repairing of ships		-	-	-	-		-	-	-	-		-	-	-	-
3512 Building/repairing of pleasure/sport. boats		-	-	-	-		-	-	-	-		-	-	-	-
3520 Railway/tramway locomotives & rolling stock		-	-	-	-		-	-	-	-		-	-	-	-
3530 Aircraft and spacecraft		-	-	-	-		-	-	-	-		-	-	-	-
359 Transport equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3591 Motorcycles		-	-	-	-		-	-	-	-		-	-	-	-
3592 Bicycles and invalid carriages		-	-	-	-		-	-	-	-		-	-	-	-
3599 Other transport equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3610 Furniture		9	13	23	21		270	292	783	787		1786	1890	6404	6030
369 Manufacturing n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3691 Jewellery and related articles		-	-	-	-		-	-	-	-		-	-	-	-
3692 Musical instruments		-	-	-	-		-	-	-	-		-	-	-	-
3693 Sports goods		-	-	-	-		-	-	-	-		-	-	-	-
3694 Games and toys		-	-	-	-		-	-	-	-		-	-	-	-
3699 Other manufacturing n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3710 Recycling of metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
3720 Recycling of non-metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
D Total manufacturing		138	157	205	223		13872	13354	14921	15103		58145	64921	86281	93966

## Eritrea

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(thousand NAKFA)				Note	(thousand NAKFA)				(thousand NAKFA)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
151 Processed meat, fish, fruit, vegetables, fats		49688	55074	64992	94955		40079	27398	20973	22064		897	442
1511 Processing/preserving of meat		41602	43378	52139	77246		36034	22355	14881	11797		897	84
1512 Processing/preserving of fish		-	-	-	-		-	-	-	-		-	-
1513 Processing/preserving of fruit & vegetables		1633	2546	3750	5585		691	1102	2988	3155		-	280
1514 Vegetable and animal oils and fats		6453	9150	9103	12125		3354	3941	3104	7112		-	78
1520 Dairy products		9161	13893	18845	22033		2671	5248	5128	5519		1171	150
153 Grain mill products; starches; animal feeds		75840	147630	151782	8628		9882	14523	10388	34471		97	2031
1531 Grain mill products		75840	147630	151782	8628		9882	14523	10388	34471		97	2031
1532 Starches and starch products		-	-	-	-		-	-	-	-		-	-
1533 Prepared animal feeds		-	-	-	-		-	-	-	-		-	-
154 Other food products		37657	45053	42997	43140		11134	14314	11820	11545		970	7176
1541 Bakery products		29530	34770	33486	37222		8531	10453	8176	10144		1441	1871
1542 Sugar		-	-	-	-		-	-	-	-		-	-
1543 Cocoa, chocolate and sugar confectionery		5874	8096	6840	5467		1968	3214	3233	1096		30	5304
1544 Macaroni, noodles & similar products		2253	2187	2671	452		635	647	411	305		-501	1
1549 Other food products n.e.c.		-	-	-	-		-	-	-	-		-	-
155 Beverages		180628	210002	189897	192931		140729	161069	145142	146250		65914	101911
1551 Distilling, rectifying & blending of spirits		-	-	-	-		-	-	-	-		-	-
1552 Wines		5278	4356	5951	4562		3674	2611	4270	2972		15	-
1553 Malt liquors and malt		147094	174408	154573	158020		121985	141265	126495	127490		3504	56
1554 Soft drinks; mineral waters		28256	31238	29373	30349		15070	17193	14377	15788		62395	101855
1600 Tobacco products		19258	32495	45789	58686		10209	19739	27080	26090		17	26623
171 Spinning, weaving and finishing of textiles		55938	62179	69439	59118		6896	4961	19968	17866		-155	433
1711 Textile fibre preparation; textile weaving		-	-	-	-		-	-	-	-		-	-
1712 Finishing of textiles		55938	62179	69439	59119		6896	4961	19968	17866		-155	433
172 Other textiles		13253	9483	4771	4803		4364	2467	1486	1891		-	-
1721 Made-up textile articles, except apparel		-	-	-	-		-	-	-	-		-	-
1722 Carpets and rugs		12480	8352	4270	4700		4197	2100	1351	1878		-	-
1723 Cordage, rope, twine and netting		-	-	-	-		-	-	-	-		-	-
1729 Other textiles n.e.c.		773	1131	501	103		167	367	135	13		-	-
1730 Knitted and crocheted fabrics and articles		6694	5279	6169	3094		3239	2881	2598	934		1916	-
1810 Wearing apparel, except fur apparel		2333	2568	7193	6198		912	1086	5417	5006		102	84
1820 Dressing & dyeing of fur; processing of fur		-	-	-	-		-	-	-	-		-	-
191 Tanning, dressing and processing of leather		28952	42729	44298	35237		10531	12656	9937	10603		674	90
1911 Tanning and dressing of leather		28609	42399	44150	34110		10251	12389	9851	10037		674	90
1912 Luggage, handbags, etc.; saddlery & harness		343	330	148	1126		280	267	86	566		-	-
1920 Footwear		66447	66168	91256	53652		22348	10880	22499	16269		15102	6778
2010 Sawmilling and planing of wood		-	-	-	-		-	-	-	-		-	-
202 Products of wood, cork, straw, etc.		-	-	-	-		-	-	-	-		-	-
2021 Veneer sheets, plywood, particle board, etc.		-	-	-	-		-	-	-	-		-	-
2022 Builders' carpentry and joinery		-	-	-	-		-	-	-	-		-	-
2023 Wooden containers		-	-	-	-		-	-	-	-		-	-
2029 Other wood products; articles of cork/straw		-	-	-	-		-	-	-	193		-	-
210 Paper and paper products		4764	4957	4689	3785		2082	1434	1456	1434		232	119
2101 Pulp, paper and paperboard		63	62	326	308		16	8	137	157		-	92
2102 Corrugated paper and paperboard		4701	4895	4363	3477		2066	1426	1319	1277		232	27
2109 Other articles of paper and paperboard		-	-	-	-		-	-	-	-		-	-
221 Publishing		-	-	-	-		-	-	-	-		-	-
2211 Publishing of books and other publications		-	-	-	-		-	-	-	-		-	-
2212 Publishing of newspapers, journals, etc.		-	-	-	-		-	-	-	-		-	-
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		-	-
2219 Other publishing		-	-	-	-		-	-	-	-		-	-

continued



## Eritrea

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(thousand NAKFA)				Note	(thousand NAKFA)				(thousand NAKFA)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
222 Printing and related service activities		17394	17534	14596	18974		6118	7456	4685	6798		22555	11660
2221 Printing		17394	17534	14596	18974		6118	7456	4685	6798		22555	11660
2222 Service activities related to printing		-	-	-	-		-	-	-	-		-	-
2230 Reproduction of recorded media		-	-	-	-		-	-	-	-		-	-
2310 Coke oven products		-	-	-	-		-	-	-	-		-	-
2320 Refined petroleum products		-	-	-	-		-	-	-	-		-	-
2330 Processing of nuclear fuel		-	-	-	-		-	-	-	-		-	-
241 Basic chemicals		1562	1485	2682	4083		1105	973	1100	1572		4035	561
2411 Basic chemicals, except fertilizers		1562	1485	2682	4083		1105	973	1100	1572		4035	561
2412 Fertilizers and nitrogen compounds		-	-	-	-		-	-	-	-		-	-
2413 Plastics in primary forms; synthetic rubber		-	-	-	-		-	-	-	-		-	-
242 Other chemicals		96516	72910	44511	52821		72337	47319	16096	26290		21815	2288
2421 Pesticides and other agro-chemical products		-	-	-	-		-	-	-	-		-	-
2422 Paints, varnishes, printing ink and mastics		-	-	1555	1296		-	-	561	436		582	32
2423 Pharmaceuticals, medicinal chemicals, etc.		-	-	-	-		-	-	-	-		-	-
2424 Soap, cleaning & cosmetic preparations		21036	23824	14906	26515		11990	9796	5292	6728		13124	2118
2429 Other chemical products n.e.c.		75480	49086	28050	25010		60347	37523	10243	19126		8109	138
2430 Man-made fibres		-	-	-	-		-	-	-	-		-	-
251 Rubber products		-	-	-	1170		-	-	-	191		-	1743
2511 Rubber tyres and tubes		-	-	-	477		-	-	-	132		-	1743
2519 Other rubber products		-	-	-	693		-	-	-	59		-	-
2520 Plastic products		500	7087	3392	7802		240	6880	486	2642		7901	3
2610 Glass and glass products		4477	4040	995	1259		2151	3743	356	310		20	-8
269 Non-metallic mineral products n.e.c.		39982	43143	133327	114167		20239	20164	69818	57524		68408	15741
2691 Pottery, china and earthenware		-	-	-	-		-	-	-	-		-	-
2692 Refractory ceramic products		-	-	13105	9252		-	-	4792	1915		1021	6560
2693 Struct.non-refractory clay; ceramic products		7189	12181	25129	25095		3742	7386	9553	6683		7313	4461
2694 Cement, lime and plaster		28426	27294	35619	24132		14238	11424	13824	6413		3727	261
2695 Articles of concrete, cement and plaster		-	-	53693	48218		-	-	38918	37203		54367	4507
2696 Cutting, shaping & finishing of stone		4367	3668	5781	7470		2259	1354	2731	5310		1980	-48
2699 Other non-metallic mineral products n.e.c.		-	-	-	-		-	-	-	-		-	-
2710 Basic iron and steel		23753	36524	17630	7655		8938	4272	3037	1388		5	56
2720 Basic precious and non-ferrous metals		-	-	-	-		-	-	-	-		-	-
273 Casting of metals		-	-	-	-		-	-	-	-		-	-
2731 Casting of iron and steel		-	-	-	-		-	-	-	-		-	-
2732 Casting of non-ferrous metals		-	-	-	-		-	-	-	-		-	-
281 Struct. metal products;tanks;steam generators		-	-	19714	15042		-	-	5880	6305		628	155
2811 Structural metal products		-	-	6478	5438		-	-	1302	1123		480	-
2812 Tanks, reservoirs and containers of metal		-	-	13236	9604		-	-	4578	5182		148	155
2813 Steam generators		-	-	-	-		-	-	-	-		-	-
289 Other metal products; metal working services		18608	21345	24184	16775		6246	6747	10288	6867		261	14
2891 Metal forging/pressing/stamping/roll-forming		11055	13665	10954	6908		3856	4235	4296	2041		-	11
2892 Treatment & coating of metals		-	-	-	-		-	-	-	-		-	-
2893 Cutlery, hand tools and general hardware		-	-	410	400		-	-	176	158		-2	-
2899 Other fabricated metal products n.e.c.		7553	7680	12820	9467		2390	2512	5816	4668		263	3
291 General purpose machinery		1954	1765	1362	549		1361	1154	619	446		93	-
2911 Engines & turbines(not for transport equip.)		-	-	-	-		-	-	-	-		-	-
2912 Pumps, compressors, taps and valves		-	-	-	-		-	-	-	-		-	-
2913 Bearings, gears, gearing & driving elements		-	-	-	459		-	-	-	441		-	-
2914 Ovens, furnaces and furnace burners		-	-	-	-		-	-	-	-		-	-
2915 Lifting and handling equipment		-	-	-	-		-	-	-	-		-	-
2919 Other general purpose machinery		1954	1765	1362	90		1361	1154	619	5		93	-

292	Special purpose machinery	-	-	-	-	-	-	-	-	-	-
2921	Agricultural and forestry machinery	-	-	-	-	-	-	-	-	-	-
2922	Machine tools	-	-	-	-	-	-	-	-	-	-
2923	Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-
2924	Machinery for mining & construction	-	-	-	-	-	-	-	-	-	-
2925	Food/beverage/tobacco processing machinery	-	-	-	-	-	-	-	-	-	-
2926	Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-
2927	Weapons and ammunition	-	-	-	-	-	-	-	-	-	-
2929	Other special purpose machinery	-	-	-	-	-	-	-	-	-	-
2930	Domestic appliances n.e.c.	-	-	-	-	-	-	-	-	-	-
3000	Office, accounting and computing machinery	-	-	-	-	-	-	-	-	-	-
3110	Electric motors, generators and transformers	-	-	-	-	-	-	-	-	-	-
3120	Electricity distribution & control apparatus	-	-	-	-	-	-	-	-	-	-
3130	Insulated wire and cable	-	-	-	-	-	-	-	-	-	-
3140	Accumulators, primary cells and batteries	320	234	1089	589	171	210	550	232	623	-
3150	Lighting equipment and electric lamps	-	-	-	-	-	-	-	-	-	-
3190	Other electrical equipment n.e.c.	110	105	-	-	68	62	-	-	-	-
3210	Electronic valves, tubes, etc.	-	-	-	-	-	-	-	-	-	-
3220	TV/radio transmitters; line comm. apparatus	-	-	-	-	-	-	-	-	-	-
3230	TV and radio receivers and associated goods	-	-	-	-	-	-	-	-	-	-
331	Medical, measuring, testing appliances, etc.	1410	2929	3647	6238	343	1654	221	1667	1104	614
3311	Medical, surgical and orthopaedic equipment	514	585	1345	406	118	151	-1027	293	950	256
3312	Measuring/testing/navigating appliances, etc.	896	2344	2302	5832	225	1503	1248	1374	154	358
3313	Industrial process control equipment	-	-	-	-	-	-	-	-	-	-
3320	Optical instruments & photographic equipment	-	-	-	-	-	-	-	-	-	-
3330	Watches and clocks	-	-	-	-	-	-	-	-	-	-
3410	Motor vehicles	-	-	-	-	-	-	-	-	-	-
3420	Automobile bodies, trailers & semi-trailers	7138	3658	2188	2522	1444	1056	954	651	-	4
3430	Parts/accessories for automobiles	-	-	2963	3500	-	-	1574	2006	-	-
351	Building and repairing of ships and boats	-	-	-	-	-	-	-	-	-	-
3511	Building and repairing of ships	-	-	-	-	-	-	-	-	-	-
3512	Building/repairing of pleasure/sport. boats	-	-	-	-	-	-	-	-	-	-
3520	Railway/tramway locomotives & rolling stock	-	-	-	-	-	-	-	-	-	-
3530	Aircraft and spacecraft	-	-	-	-	-	-	-	-	-	-
359	Transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3591	Motorcycles	-	-	-	-	-	-	-	-	-	-
3592	Bicycles and invalid carriages	-	-	-	-	-	-	-	-	-	-
3599	Other transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3610	Furniture	10855	11859	34719	37927	3732	5267	17233	13675	12498	13166
369	Manufacturing n.e.c.	-	-	-	-	-	-	-	-	-	-
3691	Jewellery and related articles	-	-	-	-	-	-	-	-	-	-
3692	Musical instruments	-	-	-	-	-	-	-	-	-	-
3693	Sports goods	-	-	-	-	-	-	-	-	-	-
3694	Games and toys	-	-	-	-	-	-	-	-	-	-
3699	Other manufacturing n.e.c.	-	-	-	-	-	-	-	-	-	-
3710	Recycling of metal waste and scrap	-	-	-	-	-	-	-	-	-	-
3720	Recycling of non-metal waste and scrap	-	-	-	-	-	-	-	-	-	-
D	Total manufacturing	775194	922124	1049114	877335	389570	385615	416788	428699	226882	191834

## Eritrea

ISIC Revision 3		Index numbers of industrial production											
		(1990=100)											
ISIC Industry	Note	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15	Food and beverages	...	...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles	...	...	...	...	...	...	...	...	...	...	...	...
18	Wearing apparel, fur	...	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products	...	...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products	...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
27	Basic metals	...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products	...	...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	...	...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	...	...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	...	...	...	...	...	...	...	...	...	...

## ESTONIA

<p><b>Supplier of information:</b> Statistical Office of Estonia, Tallinn.</p> <p><b>Basic source of data:</b> Data on number of employees were obtained from "Estonian Labour Force Survey" (which was based on a small sample). Data on wages and salaries and on value added were obtained from "Economic Indicators on Enterprises in Estonia".</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Not reported.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b> National Accounts in Estonia, published by the Statistical Office of Estonia, Tallinn.</p>
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## Estonia

ISIC Revision 3	Number of establishments				Number of employees a/				Wages and salaries paid b/ to employees							
	ISIC Industry	Note	(numbers)				Note	(thousands)				Note	(million KROON)			
			1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		154	147	184	195		31.4c/	30.3c/	29.1c/	...		...	...	...		
1511 Processing/preserving of meat		81	71	93	92		...	...	...	...		...	...	...		
1512 Processing/preserving of fish		57	57	71	83		...	...	...	...		...	...	...		
1513 Processing/preserving of fruit & vegetables		13	15	17	16		...	...	...	...		...	...	...		
1514 Vegetable and animal oils and fats		3	4	3	4		...	...	...	...		...	...	...		
1520 Dairy products		39	38	47	41		...c/	...c/	...c/	...		...	...	...		
153 Grain mill products; starches; animal feeds		46	44	50	50		...c/	...c/	...c/	...		...	...	...		
1531 Grain mill products		19	20	25	29		...	...	...	...		...	...	...		
1532 Starches and starch products		5	5	4	3		...	...	...	...		...	...	...		
1533 Prepared animal feeds		22	19	21	18		...	...	...	...		...	...	...		
154 Other food products		156	154	211	198		...c/	...c/	...c/	...		...	...	...		
1541 Bakery products		129	124	158	154		...	...	...	...		...	...	...		
1542 Sugar		-	-	1	-		...	...	...	...		...	...	...		
1543 Cocoa, chocolate and sugar confectionery		4	10	12	9		...	...	...	...		...	...	...		
1544 Macaroni, noodles & similar products		-	-	2	1		...	...	...	...		...	...	...		
1549 Other food products n.e.c.		23	20	38	34		...	...	...	...		...	...	...		
155 Beverages		36	33	40	44		...c/	...c/	...c/	...		...	...	...		
1551 Distilling, rectifying & blending of spirits		7	7	8	7		...	...	...	...		...	...	...		
1552 Wines		6	6	6	8		...	...	...	...		...	...	...		
1553 Malt liquors and malt		14	12	13	14		...	...	...	...		...	...	...		
1554 Soft drinks; mineral waters		9	8	13	15		...	...	...	...		...	...	...		
1600 Tobacco products		1	1	-	-		...	...	...	...		...	...	...		
171 Spinning, weaving and finishing of textiles		40	32	33	25		11.6d/	11.2d/	8.6d/	...		...	...	...		
1711 Textile fibre preparation; textile weaving		35	27	27	21		...	...	...	...		...	...	...		
1712 Finishing of textiles		5	5	6	4		...	...	...	...		...	...	...		
172 Other textiles		84	88	106	90		...d/	...d/	...d/	...		...	...	...		
1721 Made-up textile articles, except apparel		45	51	68	57		...	...	...	...		...	...	...		
1722 Carpets and rugs		24	22	15	15		...	...	...	...		...	...	...		
1723 Cordage, rope, twine and netting		7	9	12	8		...	...	...	...		...	...	...		
1729 Other textiles n.e.c.		8	6	11	10		...	...	...	...		...	...	...		
1730 Knitted and crocheted fabrics and articles		102	84	96	85		...d/	...d/	...d/	...		...	...	...		
1810 Wearing apparel, except fur apparel		430	412	480	416		15.9e/	15.1e/	15.6e/	...		...	...	...		
1820 Dressing & dyeing of fur; processing of fur		21	21	23	18		...e/	...e/	...e/	...		...	...	...		
191 Tanning, dressing and processing of leather		64	57	52	49		...	...	4.2f/	...		...	...	...		
1911 Tanning and dressing of leather		5	5	7	7		...	...	...	...		...	...	...		
1912 Luggage, handbags, etc.; saddlery & harness		59	52	45	42		...	...	...	...		...	...	...		
1920 Footwear		43	37	38	26		...	...	...f/	...		...	...	...		
2010 Sawmilling and planing of wood		473	481	548	478		17.6g/	16.7g/	19.9g/	...		...	...	...		
202 Products of wood, cork, straw, etc.		401	371	426	351		...g/	...g/	...g/	...		...	...	...		
2021 Veneer sheets, plywood, particle board, etc.		13	12	14	10		...	...	...	...		...	...	...		
2022 Builders' carpentry and joinery		246	241	270	227		...	...	...	...		...	...	...		
2023 Wooden containers		14	11	15	17		...	...	...	...		...	...	...		
2029 Other wood products; articles of cork/straw		128	107	127	97		...	...	...	...		...	...	...		
210 Paper and paper products		41	44	46	36		...	...	...	...		...	...	...		
2101 Pulp, paper and paperboard		6	7	3	4		...	...	...	...		...	...	...		
2102 Corrugated paper and paperboard		19	15	20	16		...	...	...	...		...	...	...		
2109 Other articles of paper and paperboard		16	22	23	16		...	...	...	...		...	...	...		
221 Publishing		330	307	372	294		...	...	3.5h/	...		...	...	...		
2211 Publishing of books and other publications		133	141	174	145		...	...	...	...		...	...	...		
2212 Publishing of newspapers, journals, etc.		169	140	154	104		...	...	...	...		...	...	...		
2213 Publishing of recorded media		3	4	8	8		...	...	...	...		...	...	...		
2219 Other publishing		25	22	36	37		...	...	...	...		...	...	...		

222	Printing and related service activities	125	118	138	140	...	...	...h/	...	...	...	...	...	...
2221	Printing	106	108	128	127	...	...	...	...	...	...	...	...	...
2222	Service activities related to printing	19	10	10	13	...	...	...	...	...	...	...	...	...
2230	Reproduction of recorded media	8	9	11	7	...	...	...h/	...	...	...	...	...	...
2310	Coke oven products	-	-	-	-	...	...	3.6i/	...	...	...	...	...	...
2320	Refined petroleum products	7	11	9	7	...	...	...i/	...	...	...	...	...	...
2330	Processing of nuclear fuel	-	-	-	1	...	...	...i/	...	...	...	...	...	...
241	Basic chemicals	18	16	23	19	4.9j/	4.5j/	4.9j/	...	...	...	...	...	...
2411	Basic chemicals, except fertilizers	13	11	14	13	...	...	...	...	...	...	...	...	...
2412	Fertilizers and nitrogen compounds	4	4	7	5	...	...	...	...	...	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	1	1	2	1	...	...	...	...	...	...	...	...	...
242	Other chemicals	81	79	75	58	...j/	...j/	...j/	...	...	...	...	...	...
2421	Pesticides and other agro-chemical products	4	4	2	3	...	...	...	...	...	...	...	...	...
2422	Paints, varnishes, printing ink and mastics	14	16	16	14	...	...	...	...	...	...	...	...	...
2423	Pharmaceuticals, medicinal chemicals, etc.	21	17	18	12	...	...	...	...	...	...	...	...	...
2424	Soap, cleaning & cosmetic preparations	31	31	25	19	...	...	...	...	...	...	...	...	...
2429	Other chemical products n.e.c.	11	11	14	10	...	...	...	...	...	...	...	...	...
2430	Man-made fibres	-	-	-	-	...j/	...j/	...j/	...	...	...	...	...	...
251	Rubber products	16	15	13	18	...	...	2.1k/	...	...	...	...	...	...
2511	Rubber tyres and tubes	7	8	7	7	...	...	...	...	...	...	...	...	...
2519	Other rubber products	9	7	6	11	...	...	...	...	...	...	...	...	...
2520	Plastic products	100	105	120	105	...	...	...k/	...	...	...	...	...	...
2610	Glass and glass products	22	16	23	21	8.3m/	7.7m/	4.0m/	...	...	...	...	...	...
269	Non-metallic mineral products n.e.c.	176	164	174	140	...m/	...m/	...m/	...	...	...	...	...	...
2691	Pottery, china and earthenware	16	16	24	20	...	...	...	...	...	...	...	...	...
2692	Refractory ceramic products	5	5	2	3	...	...	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	11	13	10	7	...	...	...	...	...	...	...	...	...
2694	Cement, lime and plaster	4	5	6	5	...	...	...	...	...	...	...	...	...
2695	Articles of concrete, cement and plaster	84	72	77	53	...	...	...	...	...	...	...	...	...
2696	Cutting, shaping & finishing of stone	45	45	47	44	...	...	...	...	...	...	...	...	...
2699	Other non-metallic mineral products n.e.c.	11	8	8	8	...	...	...	...	...	...	...	...	...
2710	Basic iron and steel	1	1	-	3	...	...	...	...	...	...	...	...	...
2720	Basic precious and non-ferrous metals	5	3	5	4	...	...	...	...	...	...	...	...	...
273	Casting of metals	7	10	9	7	...	...	...	...	...	...	...	...	...
2731	Casting of iron and steel	2	4	4	3	...	...	...	...	...	...	...	...	...
2732	Casting of non-ferrous metals	4	6	5	4	...	...	...	...	...	...	...	...	...
281	Struct.met.al products;tanks;steam generators	104	102	144	158	5.7n/	5.4n/	5.7n/	...	...	...	...	...	...
2811	Structural metal products	86	86	126	141	...	...	...	...	...	...	...	...	...
2812	Tanks, reservoirs and containers of metal	10	11	11	13	...	...	...	...	...	...	...	...	...
2813	Steam generators	8	5	7	4	...	...	...	...	...	...	...	...	...
289	Other metal products; metal working services	277	277	330	293	...n/	...n/	...n/	...	...	...	...	...	...
2891	Metal forging/pressing/stamping/roll-forming	24	21	29	22	...	...	...	...	...	...	...	...	...
2892	Treatment & coating of metals	56	65	77	79	...	...	...	...	...	...	...	...	...
2893	Cutlery, hand tools and general hardware	35	28	32	26	...	...	...	...	...	...	...	...	...
2899	Other fabricated metal products n.e.c.	162	163	192	166	...	...	...	...	...	...	...	...	...
291	General purpose machinery	89	97	101	94	10.5p/	9.2p/	8.2p/	...	...	...	...	...	...
2911	Engines & turbines(not for transport equip.)	6	3	3	4	...	...	...	...	...	...	...	...	...
2912	Pumps, compressors, taps and valves	6	5	6	8	...	...	...	...	...	...	...	...	...
2913	Bearings, gears, gearing & driving elements	-	-	2	2	...	...	...	...	...	...	...	...	...
2914	Ovens, furnaces and furnace burners	4	3	3	3	...	...	...	...	...	...	...	...	...
2915	Lifting and handling equipment	14	14	15	15	...	...	...	...	...	...	...	...	...
2919	Other general purpose machinery	59	72	72	62	...	...	...	...	...	...	...	...	...
292	Special purpose machinery	176	158	158	114	...p/	...p/	...p/	...	...	...	...	...	...
2921	Agricultural and forestry machinery	118	109	100	75	...	...	...	...	...	...	...	...	...
2922	Machine tools	14	12	15	10	...	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	-	-	-	-	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	5	5	3	6	...	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	9	9	9	8	...	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	2	2	2	2	...	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	2	1	1	1	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	26	20	28	12	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	8	6	7	5	...p/	...p/	...p/	...	...	...	...	...	...

continued

## Estonia

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees a/				Wages and salaries paid b/ to employees						
	Note	(numbers)				Note	(thousands)				Note	(million KR00N)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		78	8	15	15		...	...	...	...		...	...	...	...
3110 Electric motors, generators and transformers		30	30	28	23		4.6q/	...	4.5q/	...		...	...	...	...
3120 Electricity distribution & control apparatus		27	25	26	17		...q/	...	...q/	...		...	...	...	...
3130 Insulated wire and cable		6	5	3	4		...q/	...	...q/	...		...	...	...	...
3140 Accumulators, primary cells and batteries		2	1	2	2		...q/	...	...q/	...		...	...	...	...
3150 Lighting equipment and electric lamps		8	7	8	7		...q/	...	...q/	...		...	...	...	...
3190 Other electrical equipment n.e.c.		58	54	40	26		...q/	...	...q/	...		...	...	...	...
3210 Electronic valves, tubes, etc.		32	41	53	44		...	...	...	...		...	...	...	...
3220 TV/radio transmitters; line comm. apparatus		3	3	7	4		...	...	...	...		...	...	...	...
3230 TV and radio receivers and associated goods		29	81	74	44		...	...	...	...		...	...	...	...
331 Medical, measuring, testing appliances, etc.		79	78	87	75		...	...	...	...		...	...	...	...
3311 Medical, surgical and orthopaedic equipment		25	27	33	27		...	...	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		46	39	42	36		...	...	...	...		...	...	...	...
3313 Industrial process control equipment		8	12	12	12		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		18	19	11	6		...	...	...	...		...	...	...	...
3330 Watches and clocks		1	1	2	1		...	...	...	...		...	...	...	...
3410 Motor vehicles		17	17	15	14		...	...	...	...		...	...	...	...
3420 Automobile bodies, trailers & semi-trailers		5	4	6	7		...	...	...	...		...	...	...	...
3430 Parts/accessories for automobiles		14	11	10	10		...	...	...	...		...	...	...	...
351 Building and repairing of ships and boats		53	52	56	58		8.1r/	7.2r/	...	...		...	...	...	...
3511 Building and repairing of ships		31	34	36	39		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		22	18	20	19		...	...	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		2	2	1	2		...r/	...r/	...	...		...	...	...	...
3530 Aircraft and spacecraft		1	1	5	3		...r/	...r/	...	...		...	...	...	...
359 Transport equipment n.e.c.		-	-	-	1		...r/	...r/	...	...		...	...	...	...
3591 Motorcycles		-	-	-	-		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		-	-	-	1		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		-	-	-	-		...	...	...	...		...	...	...	...
3610 Furniture		199	210	282	266		17.8s/	17.7s/	17.0s/	...		...	...	...	...
369 Manufacturing n.e.c.		226	207	213	170		...s/	...s/	...s/	...		...	...	...	...
3691 Jewellery and related articles		28	25	39	35		...	...	...	...		...	...	...	...
3692 Musical instruments		5	3	5	6		...	...	...	...		...	...	...	...
3693 Sports goods		13	16	16	16		...	...	...	...		...	...	...	...
3694 Games and toys		15	14	14	12		...	...	...	...		...	...	...	...
3699 Other manufacturing n.e.c.		165	149	139	101		...	...	...	...		...	...	...	...
3710 Recycling of metal waste and scrap		10	4	7	8		...	...	...	...		...	...	...	...
3720 Recycling of non-metal waste and scrap		14	14	14	9		...	...	...	...		...	...	...	...
D Total manufacturing		4593	4413	5057	4406		157.8	148.6	138.3	134.2		3836.4	4410.2	5237.3	5533.6

a/ Data are based on "Estonian Labour Force Survey".

r/ 351 includes 3520, 3530 and 359.

b/ Data are based on "Economic Indicators of Enterprises in Estonia".

s/ 3610 includes 369.

c/ 151 includes 1520, 153, 154 and 155.

d/ 171 includes 172 and 1730.

e/ 1810 includes 1820.

f/ 191 includes 1920.

g/ 2010 includes 202.

h/ 221 includes 222 and 2230.

i/ 2310 includes 2320 and 2330.

j/ 241 includes 242 and 2430.

k/ 251 includes 2520.

m/ 2610 includes 269.

n/ 281 includes 289.

p/ 291 includes 292 and 2930.

q/ 3110 includes 3120, 3130, 3140, 3150 and 3190.

## Estonia

ISIC Revision 3	Output				Value added a/				Gross fixed a/ capital formation				
	ISIC Industry	Note	(million KROON)				Note	(million KROON)					
			1995	1996	1997	1998		1995	1996	1997	1998	Note	1997
151	Processed meat, fish, fruit, vegetables, fats		2407.8	2888.1	3817.3	3641.7	...	...	...	...	...	...	...
1511	Processing/preserving of meat		1241.5	1236.9	1454.4	1533.1	...	...	...	...	...	...	...
1512	Processing/preserving of fish		1038.9	1492.2	2054.8	1937.9	...	...	...	...	...	...	...
1513	Processing/preserving of fruit & vegetables		105.6	127.0	308.1	170.7	...	...	...	...	...	...	...
1514	Vegetable and animal oils and fats		21.8	32.0	...	...	...	...	...	...	...	...	...
1520	Dairy products		1883.3	2259.7	2983.3	3022.1	...	...	...	...	...	...	...
153	Grain mill products; starches; animal feeds		373.9	340.9	440.6	517.6	...	...	...	...	...	...	...
1531	Grain mill products		78.8	90.7	86.8	103.0	...	...	...	...	...	...	...
1532	Starches and starch products		2.7	4.2	2.9	2.7	...	...	...	...	...	...	...
1533	Prepared animal feeds		292.4	246.0	350.9	411.9	...	...	...	...	...	...	...
154	Other food products		1146.0	1384.3	1855.8	1899.5	...	...	...	...	...	...	...
1541	Bakery products		755.8	928.8	983.9	994.7	...	...	...	...	...	...	...
1542	Sugar		-	-	-	-	...	...	...	...	...	...	...
1543	Cocoa, chocolate and sugar confectionery		235.7	323.0	430.8	410.5	...	...	...	...	...	...	...
1544	Macaroni, noodles & similar products		-	-	-	-	...	...	...	...	...	...	...
1549	Other food products n.e.c.		154.5	132.5	441.1	494.3	...	...	...	...	...	...	...
155	Beverages		1545.9	1566.2	1806.2	1720.6	...	...	...	...	...	...	...
1551	Distilling, rectifying & blending of spirits		842.3	686.5	831.6	652.7	...	...	...	...	...	...	...
1552	Wines		20.2	34.0	26.4	85.7	...	...	...	...	...	...	...
1553	Malt liquors and malt		357.9	410.9	457.3	566.6	...	...	...	...	...	...	...
1554	Soft drinks; mineral waters		325.5	434.8	490.9	405.6	...	...	...	...	...	...	...
1600	Tobacco products		197.1	...	-	-	...	...	...	...	...	...	...
171	Spinning, weaving and finishing of textiles		1002.8	1471.5	1654.2	1806.9	...	...	...	...	...	...	...
1711	Textile fibre preparation; textile weaving		941.0	1363.2	1502.0	1647.5	...	...	...	...	...	...	...
1712	Finishing of textiles		61.8	108.3	152.2	159.4	...	...	...	...	...	...	...
172	Other textiles		365.5	520.7	737.0	789.2	...	...	...	...	...	...	...
1721	Made-up textile articles, except apparel		214.7	366.9	523.0	552.3	...	...	...	...	...	...	...
1722	Carpets and rugs		128.6	132.4	172.5	186.7	...	...	...	...	...	...	...
1723	Cordage, rope, twine and netting		10.9	11.4	16.1	5.9	...	...	...	...	...	...	...
1729	Other textiles n.e.c.		11.3	10.0	25.4	44.3	...	...	...	...	...	...	...
1730	Knitted and crocheted fabrics and articles		177.6	159.6	195.2	191.9	...	...	...	...	...	...	...
1810	Wearing apparel, except fur apparel		886.2	1082.2	1383.2	1547.2	...	...	...	...	...	...	...
1820	Dressing & dyeing of fur; processing of fur		15.2	10.3	7.6	14.9	...	...	...	...	...	...	...
191	Tanning, dressing and processing of leather		94.7	86.9	97.4	110.8	...	...	...	...	...	...	...
1911	Tanning and dressing of leather		61.0	49.7	64.3	60.2	...	...	...	...	...	...	...
1912	Luggage, handbags, etc.; saddlery & harness		33.7	37.2	33.1	50.6	...	...	...	...	...	...	...
1920	Footwear		220.5	262.8	330.9	403.0	...	...	...	...	...	...	...
2010	Sawmilling and planing of wood		737.5	900.4	1667.6	2046.2	...	...	...	...	...	...	...
202	Products of wood, cork, straw, etc.		1005.5	1153.4	1679.9	1973.5	...	...	...	...	...	...	...
2021	Veneer sheets, plywood, particle board, etc.		300.2	361.6	446.0	506.4	...	...	...	...	...	...	...
2022	Builders' carpentry and joinery		495.9	652.8	1017.9	1158.1	...	...	...	...	...	...	...
2023	Wooden containers		16.9	13.2	22.8	56.6	...	...	...	...	...	...	...
2029	Other wood products; articles of cork/straw		192.5	125.8	193.2	252.4	...	...	...	...	...	...	...
210	Paper and paper products		264.8	418.8	647.1	744.6	...	...	...	...	...	...	...
2101	Pulp, paper and paperboard		79.5	161.2	292.7	335.6	...	...	...	...	...	...	...
2102	Corrugated paper and paperboard		137.3	136.7	232.7	232.9	...	...	...	...	...	...	...
2109	Other articles of paper and paperboard		48.0	120.9	121.7	176.1	...	...	...	...	...	...	...
221	Publishing		512.2	741.8	707.2	1133.9	...	...	...	...	...	...	...
2211	Publishing of books and other publications		223.3	210.2	127.6	302.1	...	...	...	...	...	...	...
2212	Publishing of newspapers, journals, etc.		282.6	509.0	527.2	774.9	...	...	...	...	...	...	...
2213	Publishing of recorded media		0.5	-	-	-	...	...	...	...	...	...	...
2219	Other publishing		5.8	22.6	52.4	56.9	...	...	...	...	...	...	...

continued



## Estonia

ISIC Revision 3 ISIC Industry	Output				Value added a/				Gross fixed a/ capital formation				
	Note	(million KROON)				Note	(million KROON)				Note	(million KROON)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222 Printing and related service activities		421.0	406.7	668.6	814.7		...	...	...	...		...	...
2221 Printing		391.9	386.9	630.5	750.9		...	...	...	...		...	...
2222 Service activities related to printing		29.1	19.8	38.1	63.8		...	...	...	...		...	...
2230 Reproduction of recorded media		2.5	1.3	51.1	33.0		...	...	...	...		...	...
2310 Coke oven products		-	-	-	-		...	...	...	...		...	...
2320 Refined petroleum products		66.9	88.9	62.8	95.1		...	...	...	...		...	...
2330 Processing of nuclear fuel		-	-	-	-		...	...	...	...		...	...
241 Basic chemicals		619.2	635.5	659.9	608.2		...	...	...	...		...	...
2411 Basic chemicals, except fertilizers		127.9	161.2	238.7	262.7		...	...	...	...		...	...
2412 Fertilizers and nitrogen compounds		491.3	474.3	421.2	343.2		...	...	...	...		...	...
2413 Plastics in primary forms; synthetic rubber		...	...	...	2.3		...	...	...	...		...	...
242 Other chemicals		1483.3	1615.5	1823.3	1697.5		...	...	...	...		...	...
2421 Pesticides and other agro-chemical products		...	...	8.9	17.7		...	...	...	...		...	...
2422 Paints, varnishes, printing ink and mastics		255.0	387.9	440.6	534.4		...	...	...	...		...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		169.8	200.9	250.8	133.0		...	...	...	...		...	...
2424 Soap, cleaning & cosmetic preparations		100.9	110.5	95.0	97.1		...	...	...	...		...	...
2429 Other chemical products n.e.c.		957.6	916.2	1028.0	915.3		...	...	...	...		...	...
2430 Man-made fibres		-	-	-	-		...	...	...	...		...	...
251 Rubber products		27.1	34.7	52.3	58.2		...	...	...	...		...	...
2511 Rubber tyres and tubes		19.4	25.4	31.5	26.8		...	...	...	...		...	...
2519 Other rubber products		7.7	9.3	20.8	31.4		...	...	...	...		...	...
2520 Plastic products		279.7	380.9	823.4	795.8		...	...	...	...		...	...
2610 Glass and glass products		270.7	325.6	470.3	579.0		...	...	...	...		...	...
269 Non-metallic mineral products n.e.c.		712.5	859.1	1088.2	1459.6		...	...	...	...		...	...
2691 Pottery, china and earthenware		7.6	8.3	8.7	15.0		...	...	...	...		...	...
2692 Refractory ceramic products		3.1	14.7	43.8	76.8		...	...	...	...		...	...
2693 Struct.non-refractory clay; ceramic products		33.0	39.5	40.2	58.7		...	...	...	...		...	...
2694 Cement, lime and plaster		277.2	270.0	363.5	354.6		...	...	...	...		...	...
2695 Articles of concrete, cement and plaster		303.3	454.9	541.2	738.7		...	...	...	...		...	...
2696 Cutting, shaping & finishing of stone		42.9	67.7	83.7	84.7		...	...	...	...		...	...
2699 Other non-metallic mineral products n.e.c.		45.4	4.0	7.1	131.1		...	...	...	...		...	...
2710 Basic iron and steel		...	...	-	21.3		...	...	...	...		...	...
2720 Basic precious and non-ferrous metals		...	...	...	31.2		...	...	...	...		...	...
273 Casting of metals		22.0	18.3	27.5	23.4		...	...	...	...		...	...
2731 Casting of iron and steel		19.0	12.1	20.9	22.1		...	...	...	...		...	...
2732 Casting of non-ferrous metals		3.0	6.2	6.6	1.3		...	...	...	...		...	...
281 Struct.metal products;tanks;steam generators		328.4	477.0	705.6	915.0		...	...	...	...		...	...
2811 Structural metal products		241.3	375.4	560.5	766.3		...	...	...	...		...	...
2812 Tanks, reservoirs and containers of metal		62.8	55.0	59.4	95.7		...	...	...	...		...	...
2813 Steam generators		24.3	46.6	85.7	53.0		...	...	...	...		...	...
289 Other metal products; metal working services		639.8	914.8	1202.3	1595.0		...	...	...	...		...	...
2891 Metal forging/pressing/stamping/roll-forming		166.7	252.8	425.6	598.8		...	...	...	...		...	...
2892 Treatment & coating of metals		62.4	109.3	92.9	258.0		...	...	...	...		...	...
2893 Cutlery, hand tools and general hardware		63.6	96.9	112.8	136.9		...	...	...	...		...	...
2899 Other fabricated metal products n.e.c.		347.1	455.8	571.0	601.3		...	...	...	...		...	...
291 General purpose machinery		304.4	406.8	411.5	428.8		...	...	...	...		...	...
2911 Engines & turbines(not for transport equip.)		2.2	7.3	...	-		...	...	...	...		...	...
2912 Pumps, compressors, taps and valves		26.1	41.6	36.8	30.8		...	...	...	...		...	...
2913 Bearings, gears, gearing & driving elements		-	-	...	-		...	...	...	...		...	...
2914 Ovens, furnaces and furnace burners		22.6	17.9	26.6	36.2		...	...	...	...		...	...
2915 Lifting and handling equipment		67.8	65.1	84.2	106.2		...	...	...	...		...	...
2919 Other general purpose machinery		185.7	274.9	263.9	255.6		...	...	...	...		...	...

292	Special purpose machinery	223.3	290.2	339.6	511.3	...	...	...	...	...	...
2921	Agricultural and forestry machinery	121.9	171.8	150.0	167.7	...	...	...	...	...	...
2922	Machine tools	22.8	39.4	77.0	127.1	...	...	...	...	...	...
2923	Machinery for metallurgy	...	-	-	-	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	84.6	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	53.2	47.0	70.0	78.4	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	3.7	4.2	6.3	6.1	...	...	...	...	...	...
2927	Weapons and ammunition	1.3	-	1.8	1.9	...	...	...	...	...	...
2929	Other special purpose machinery	20.4	26.9	34.5	45.5	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	6.1	0.2	11.0	-	...	...	...	...	...	...
3000	Office, accounting and computing machinery	131.0	132.7	216.4	376.8	...	...	...	...	...	...
3110	Electric motors, generators and transformers	60.2	47.1	77.0	96.6	...	...	...	...	...	...
3120	Electricity distribution & control apparatus	240.2	314.6	382.4	242.9	...	...	...	...	...	...
3130	Insulated wire and cable	38.8	61.0	53.7	70.0	...	...	...	...	...	...
3140	Accumulators, primary cells and batteries	8.6	-	17.9	21.4	...	...	...	...	...	...
3150	Lighting equipment and electric lamps	56.1	17.4	31.0	72.4	...	...	...	...	...	...
3190	Other electrical equipment n.e.c.	17.0	40.5	24.6	84.1	...	...	...	...	...	...
3210	Electronic valves, tubes, etc.	82.3	70.5	142.4	103.0	...	...	...	...	...	...
3220	TV/radio transmitters; line comm. apparatus	...	2.7	2.2	5.8	...	...	...	...	...	...
3230	TV and radio receivers and associated goods	12.5	228.4	304.2	401.6	...	...	...	...	...	...
331	Medical, measuring, testing appliances, etc.	159.2	202.7	407.4	733.1	...	...	...	...	...	...
3311	Medical, surgical and orthopaedic equipment	28.3	44.6	131.1	176.8	...	...	...	...	...	...
3312	Measuring/testing/navigating appliances, etc.	85.0	114.6	197.4	446.4	...	...	...	...	...	...
3313	Industrial process control equipment	45.9	43.5	78.9	109.9	...	...	...	...	...	...
3320	Optical instruments & photographic equipment	1.6	...	...	-	...	...	...	...	...	...
3330	Watches and clocks	...	...	...	-	...	...	...	...	...	...
3410	Motor vehicles	33.5	48.6	38.8	35.9	...	...	...	...	...	...
3420	Automobile bodies, trailers & semi-trailers	13.9	12.3	17.8	66.3	...	...	...	...	...	...
3430	Parts/accessories for automobiles	421.5	448.0	626.6	494.1	...	...	...	...	...	...
351	Building and repairing of ships and boats	470.7	511.3	616.1	713.0	...	...	...	...	...	...
3511	Building and repairing of ships	458.9	507.5	601.4	690.0	...	...	...	...	...	...
3512	Building/repairing of pleasure/sport. boats	11.8	3.8	14.7	23.0	...	...	...	...	...	...
3520	Railway/tramway locomotives & rolling stock	13.6	15.6	...	3.7	...	...	...	...	...	...
3530	Aircraft and spacecraft	...	...	3.3	8.0	...	...	...	...	...	...
359	Transport equipment n.e.c.	-	-	-	-	...	...	...	...	...	...
3591	Motorcycles	-	-	-	-	...	...	...	...	...	...
3592	Bicycles and invalid carriages	-	-	-	-	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	-	-	-	-	...	...	...	...	...	...
3610	Furniture	1234.8	1483.4	2288.1	2511.3	...	...	...	...	...	...
369	Manufacturing n.e.c.	144.6	212.7	301.6	353.6	...	...	...	...	...	...
3691	Jewellery and related articles	54.1	48.1	65.5	79.8	...	...	...	...	...	...
3692	Musical instruments	8.5	13.9	28.1	31.6	...	...	...	...	...	...
3693	Sports goods	20.4	23.7	36.0	32.4	...	...	...	...	...	...
3694	Games and toys	1.3	2.7	6.7	14.1	...	...	...	...	...	...
3699	Other manufacturing n.e.c.	60.3	124.3	165.3	195.7	...	...	...	...	...	...
3710	Recycling of metal waste and scrap	12.7	8.9	8.2	8.5	...	...	...	...	...	...
3720	Recycling of non-metal waste and scrap	3.8	7.0	...	11.5	...	...	...	...	...	...
D	Total manufacturing	21400.0	25677.2	33967.6	37644.3	6384.8	7783.9	9385.0	10788.7	2849.4	4443.9

a/ Data are based on "Economic Indicators of Enterprises in Estonia".

## Estonia

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
15	Food and beverages	...	...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles	...	...	...	...	...	...	...	...	...	...	...	...
18	Wearing apparel, fur	...	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products	...	...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products	...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
27	Basic metals	...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products	...	...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	...	...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	...	...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	95	99	100	100	92	57	47	45	46	47	56	59

## ETHIOPIA

<p><b>Supplier of information:</b> Central Statistical Authority, Ministry of Economic Development and Cooperation, Addis Ababa.</p> <p><b>Basic source of data:</b> Annual survey of the manufacturing industry.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b> Fiscal year ending 7 July of the year indicated.</p> <p><b>Scope:</b> Establishments with 10 or more persons engaged and using power driven machines.</p> <p><b>Method of enumeration:</b> Individual sites are visited by enumerators.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> An <u>establishment</u> is defined as an entity comprising the whole of the premises under the same ownership or management at a particular address. <u>Number of employees</u> is expressed in terms of full-time equivalents. The number of part-time workers is converted to its full-time equivalent on the basis of the number of months worked. <u>Gross fixed capital formation</u> is not adjusted for the value of sales and disposals of used fixed assets.</p> <p><b>Related national publications:</b> Statistical Abstract (annual); Results of Annual Survey of Manufacturing Industries, both published by the Central Statistical Authority, Ministry of Economic Development and Cooperation, Addis Ababa.</p>
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## Ethiopia

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand BIRR)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		29	35	35	42		4903	4668	4171	4131		18142	18975	15577	15526
1511 Processing/preserving of meat	a/	7	7	10	10	a/	3040	3003	2918	2492	a/	10444	11552	10266	8566
1512 Processing/preserving of fish	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
1513 Processing/preserving of fruit & vegetables	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
1514 Vegetable and animal oils and fats		22	28	25	32		1863	1665	1253	1639		7698	7423	5311	6960
1520 Dairy products		1	1	1	1		43	265	265	264		148	869	869	877
153 Grain mill products; starches; animal feeds		17	20	30	43		3769	2671	3028	3317		20263	14742	16810	17680
1531 Grain mill products		15	18	26	39		3546	2469	2811	3112		19470	13918	16105	16936
1532 Starches and starch products		-	-	-	-		-	-	-	-		-	-	-	-
1533 Prepared animal feeds		2	2	4	4		223	202	217	205		793	824	705	744
154 Other food products		83	92	105	112		6787	8144	8771	9843		37918	52628	60715	65516
1541 Bakery products		71	79	87	89		1621	2676	2748	2937		4242	9837	10166	11088
1542 Sugar	b/	5	5	7	8	b/	4061	4376	4835	5689	b/	29806	38745	45485	47805
1543 Cocoa, chocolate and sugar confectionery	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
1544 Macaroni, noodles & similar products		3	3	3	4		459	337	354	520		2046	1521	2013	3314
1549 Other food products n.e.c.		4	5	8	11		646	755	834	697		1824	2525	3051	3309
155 Beverages		23	26	27	26		8051	7450	7595	8165		45771	48454	53563	60618
1551 Distilling, rectifying & blending of spirits		7	10	11	10		1070	802	861	853		4692	4911	5802	6500
1552 Wines		3	3	3	3		724	407	682	687		3826	4534	4154	4405
1553 Malt liquors and malt		5	5	5	5		2854	2865	2725	2844		18103	20050	23111	24546
1554 Soft drinks; mineral waters		8	8	8	8		3403	3376	3327	3781		19150	18959	20496	25167
1600 Tobacco products		1	1	1	1		987	982	953	898		8591	8914	12156	9034
171 Spinning, weaving and finishing of textiles		20	20	22	22		27446	24982	24191	22211		105692	94747	90056	87518
1711 Textile fibre preparation; textile weaving		20	20	22	22		27446	24982	24191	22211		105692	94747	90056	87518
1712 Finishing of textiles		-	-	-	-		-	-	-	-		-	-	-	-
172 Other textiles		4	3	2	2		3352	3274	2750	2698		9133	9871	11817	11401
1721 Made-up textile articles, except apparel		-	-	-	-		-	-	-	-		-	-	-	-
1722 Carpets and rugs		-	-	-	-		-	-	-	-		-	-	-	-
1723 Cordage, rope, twine and netting		4	3	2	2		3352	3274	2750	2698		9133	9871	11817	11401
1729 Other textiles n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
1730 Knitted and crocheted fabrics and articles		5	9	10	9		143	131	274	184		364	318	675	443
1810 Wearing apparel, except fur apparel		13	23	26	26		3962	4054	4582	4190		11443	12331	14842	15633
1820 Dressing & dyeing of fur; processing of fur		-	-	-	-		-	-	-	-		-	-	-	-
191 Tanning, dressing and processing of leather		7	8	11	11		3369	3610	3969	3735		26389	30056	28864	25950
1911 Tanning and dressing of leather		7	8	11	11		3369	3610	3969	3735		26389	30056	28864	25950
1912 Luggage, handbags, etc.; saddlery & harness		-	-	-	-		-	-	-	-		-	-	-	-
1920 Footwear		43	55	50	46		3666	4138	4175	3854		15307	19119	19035	19825
2010 Sawmilling and planing of wood	c/d/	...	...	...	...	c/d/	...	...	...	...	c/d/	...	...	...	...
202 Products of wood, cork, straw, etc.	c/	22	26	23	16	c/	2554	2495	1907	1305	c/	11046	11582	8803	7480
2021 Veneer sheets, plywood, particle board, etc.	d/	...	...	...	...	d/	...	...	...	...	d/	...	...	...	...
2022 Builders' carpentry and joinery	d/	...	...	...	...	d/	...	...	...	...	d/	...	...	...	...
2023 Wooden containers		-	-	-	-		-	-	-	-		-	-	-	-
2029 Other wood products; articles of cork/straw	d/	22	26	23	16	d/	2554	2495	1907	1305	d/	11046	11582	8803	7480
210 Paper and paper products		4	5	9	8		1362	1270	1462	1420		8360	7758	9705	9881
2101 Pulp, paper and paperboard		4	5	9	8		1362	1270	1462	1420		8360	7758	9705	9881
2102 Corrugated paper and paperboard		-	-	-	-		-	-	-	-		-	-	-	-
2109 Other articles of paper and paperboard		-	-	-	-		-	-	-	-		-	-	-	-
221 Publishing		-	-	-	-		-	-	-	-		-	-	-	-
2211 Publishing of books and other publications		-	-	-	-		-	-	-	-		-	-	-	-
2212 Publishing of newspapers, journals, etc.		-	-	-	-		-	-	-	-		-	-	-	-
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		-	-	-	-
2219 Other publishing		-	-	-	-		-	-	-	-		-	-	-	-

222	Printing and related service activities		28	38	37	45		3636	4280	3641	4134		22664	27701	25363	29853
2221	Printing	e/	...	...	...	...	e/	...	...	...	...	e/	...	...	...	...
2222	Service activities related to printing	e/	28	38	37	45	e/	3636	4280	3641	4134	e/	22664	27701	25363	29850
2230	Reproduction of recorded media		-	-	-	-		-	-	-	-		-	-	-	-
2310	Coke oven products		-	-	-	-		-	-	-	-		-	-	-	-
2320	Refined petroleum products		-	-	-	-		-	-	-	-		-	-	-	-
2330	Processing of nuclear fuel		-	-	-	-		-	-	-	-		-	-	-	-
241	Basic chemicals		1	2	5	5		170	499	1119	1116		1091	3012	6631	6639
2411	Basic chemicals, except fertilizers		1	2	5	5		170	499	1119	1116		1091	3012	6631	6639
2412	Fertilizers and nitrogen compounds		-	-	-	-		-	-	-	-		-	-	-	-
2413	Plastics in primary forms; synthetic rubber		-	-	-	-		-	-	-	-		-	-	-	-
242	Other chemicals		26	33	38	38		2511	2326	2564	3022		11976	12736	13648	16071
2421	Pesticides and other agro-chemical products		-	-	-	-		-	-	-	-		-	-	-	-
2422	Paints, varnishes, printing ink and mastics		3	5	6	7		465	429	419	455		2661	2816	2677	3717
2423	Pharmaceuticals, medicinal chemicals, etc.		2	2	3	4		510	500	484	977		3096	3288	3873	4341
2424	Soap, cleaning & cosmetic preparations		17	23	25	22		1407	1290	1450	1333		5152	5784	6335	6346
2429	Other chemical products n.e.c.		4	3	4	5		129	107	211	257		1067	848	763	1667
2430	Man-made fibres		-	-	-	-		-	-	-	-		-	-	-	-
251	Rubber products		4	4	5	5		940	1121	956	1103		7188	6445	9640	10129
2511	Rubber tyres and tubes		4	4	5	5		940	1121	956	1103		7188	6445	9640	10129
2519	Other rubber products		-	-	-	-		-	-	-	-		-	-	-	-
2520	Plastic products		9	11	18	22		1064	1098	1460	1979		6772	6885	9052	10443
2610	Glass and glass products		1	2	3	3		468	663	572	654		2457	2919	2566	3529
269	Non-metallic mineral products n.e.c.		48	83	94	84		4864	5375	6082	6575		20156	28613	34378	33227
2691	Pottery, china and earthenware		-	-	-	-		-	-	-	-		-	-	-	-
2692	Refractory ceramic products		-	-	-	-		-	-	-	-		-	-	-	-
2693	Struct.non-refractory clay; ceramic products		5	7	5	5		631	640	400	489		2207	2213	2288	2296
2694	Cement, lime and plaster		5	7	7	9		1810	1730	1902	1907		9624	15394	15595	14892
2695	Articles of concrete, cement and plaster		35	64	73	60		1814	2545	2467	2445		5977	7956	9063	8918
2696	Cutting, shaping & finishing of stone		-	-	-	-		-	-	-	-		-	-	-	-
2699	Other non-metallic mineral products n.e.c.		3	5	9	10		609	460	1313	1734		2348	3050	7432	7121
2710	Basic iron and steel		3	3	5	6		1183	1121	1132	1138		7424	8346	9223	10591
2720	Basic precious and non-ferrous metals		-	-	-	-		-	-	-	-		-	-	-	-
273	Casting of metals		-	-	-	-		-	-	-	-		-	-	-	-
2731	Casting of iron and steel		-	-	-	-		-	-	-	-		-	-	-	-
2732	Casting of non-ferrous metals		-	-	-	-		-	-	-	-		-	-	-	-
281	Struct.metal products;tanks;steam generators		27	29	32	24		572	562	538	454		2314	2285	2331	2171
2811	Structural metal products	f/	27	29	32	24	f/	572	562	538	454	f/	2314	2285	2331	2171
2812	Tanks, reservoirs and containers of metal	f/	...	...	...	...	f/	...	...	...	...	f/	...	...	...	...
2813	Steam generators		-	-	-	-		-	-	-	-		-	-	-	-
289	Other metal products; metal working services		13	10	13	16		1479	1444	1323	1433		9230	9642	8660	9819
2891	Metal forging/pressing/stamping/roll-forming		-	-	-	-		-	-	-	-		-	-	-	-
2892	Treatment & coating of metals		-	-	-	-		-	-	-	-		-	-	-	-
2893	Cutlery, hand tools and general hardware		9	4	3	7		640	571	456	515		3715	3519	2552	2741
2899	Other fabricated metal products n.e.c.		4	6	10	9		839	873	867	918		5515	6123	6108	7078
291	General purpose machinery		1	8	9	8		175	226	268	83		1114	1282	1468	239
2911	Engines & turbines(not for transport equip.)		-	-	-	-		-	-	-	-		-	-	-	-
2912	Pumps, compressors, taps and valves		1	1	1	-		175	143	140	-		1114	1007	1053	-
2913	Bearings, gears, gearing & driving elements		-	-	-	-		-	-	-	-		-	-	-	-
2914	Ovens, furnaces and furnace burners		-	5	4	4		-	56	54	51		-	217	176	164
2915	Lifting and handling equipment		-	-	-	-		-	-	-	-		-	-	-	-
2919	Other general purpose machinery		-	2	4	4		-	27	74	32		-	58	239	75
292	Special purpose machinery		-	6	6	10		-	121	164	178		-	475	571	659
2921	Agricultural and forestry machinery		-	-	-	-		-	-	-	-		-	-	-	-
2922	Machine tools		-	-	-	-		-	-	-	-		-	-	-	-
2923	Machinery for metallurgy		-	-	-	-		-	-	-	-		-	-	-	-
2924	Machinery for mining & construction		-	-	-	-		-	-	-	-		-	-	-	-
2925	Food/beverage/tobacco processing machinery		-	6	6	10		-	121	164	178		-	475	571	659
2926	Machinery for textile, apparel and leather		-	-	-	-		-	-	-	-		-	-	-	-
2927	Weapons and ammunition		-	-	-	-		-	-	-	-		-	-	-	-
2929	Other special purpose machinery		-	-	-	-		-	-	-	-		-	-	-	-
2930	Domestic appliances n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-

continued

## Ethiopia

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand BIRR)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		-	-	-	-		-	-	-	-		-	-	-	-
3110 Electric motors, generators and transformers		-	-	-	-		-	-	-	-		-	-	-	-
3120 Electricity distribution & control apparatus		-	-	-	-		-	-	-	-		-	-	-	-
3130 Insulated wire and cable		-	-	-	-		-	-	-	-		-	-	-	-
3140 Accumulators, primary cells and batteries		2	1	1	2		112	89	90	97		677	543	500	526
3150 Lighting equipment and electric lamps		-	-	-	-		-	-	-	-		-	-	-	-
3190 Other electrical equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3210 Electronic valves, tubes, etc.		-	-	-	-		-	-	-	-		-	-	-	-
3220 TV/radio transmitters; line comm. apparatus		-	-	-	-		-	-	-	-		-	-	-	-
3230 TV and radio receivers and associated goods		-	-	-	-		-	-	-	-		-	-	-	-
331 Medical, measuring, testing appliances, etc.		-	-	-	-		-	-	-	-		-	-	-	-
3311 Medical, surgical and orthopaedic equipment		-	-	-	-		-	-	-	-		-	-	-	-
3312 Measuring/testing/navigating appliances, etc.		-	-	-	-		-	-	-	-		-	-	-	-
3313 Industrial process control equipment		-	-	-	-		-	-	-	-		-	-	-	-
3320 Optical instruments & photographic equipment		-	-	-	-		-	-	-	-		-	-	-	-
3330 Watches and clocks		-	-	-	-		-	-	-	-		-	-	-	-
3410 Motor vehicles		-	-	-	-		-	-	-	-		-	-	-	-
3420 Automobile bodies, trailers & semi-trailers		3	11	12	10		404	681	795	861		4719	5616	7108	8389
3430 Parts/accessories for automobiles		-	2	1	2		-	24	17	38		-	63	60	242
351 Building and repairing of ships and boats		-	-	-	-		-	-	-	-		-	-	-	-
3511 Building and repairing of ships		-	-	-	-		-	-	-	-		-	-	-	-
3512 Building/repairing of pleasure/sport. boats		-	-	-	-		-	-	-	-		-	-	-	-
3520 Railway/tramway locomotives & rolling stock		-	-	-	-		-	-	-	-		-	-	-	-
3530 Aircraft and spacecraft		-	-	-	-		-	-	-	-		-	-	-	-
359 Transport equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3591 Motorcycles		-	-	-	-		-	-	-	-		-	-	-	-
3592 Bicycles and invalid carriages		-	-	-	-		-	-	-	-		-	-	-	-
3599 Other transport equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3610 Furniture		63	75	110	118		2241	2275	3551	4136		9981	10076	14945	20349
369 Manufacturing n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3691 Jewellery and related articles		-	-	-	-		-	-	-	-		-	-	-	-
3692 Musical instruments		-	-	-	-		-	-	-	-		-	-	-	-
3693 Sports goods		-	-	-	-		-	-	-	-		-	-	-	-
3694 Games and toys		-	-	-	-		-	-	-	-		-	-	-	-
3699 Other manufacturing n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3710 Recycling of metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
3720 Recycling of non-metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
D Total manufacturing		501	642	741	762		90213	90039	92365	93216		426330	457003	489631	510255

a/ 1511 includes 1512 and 1513.

b/ 1542 includes 1543.

c/ 202 includes 2010.

d/ 2029 includes 2010, 2021 and 2022.

e/ 2222 includes 2221.

f/ 2811 includes 2812.

## Ethiopia

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(thousand BIRR)				Note	(thousand BIRR)				(thousand BIRR)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
151 Processed meat, fish, fruit, vegetables, fats		116067	126083	98571	137893		43638	47588	34780	44872		3961	54253
1511 Processing/preserving of meat	a/	46445	64345	45502	52735	a/	19559	25395	20026	26967	a/	1832	3434
1512 Processing/preserving of fish	a/	...	...	...	...	a/	...	...	...	...	a/	...	...
1513 Processing/preserving of fruit & vegetables	a/	...	...	...	...	a/	...	...	...	...	a/	...	...
1514 Vegetable and animal oils and fats		69622	61738	53069	85158		24079	22193	14754	17905		2129	50819
1520 Dairy products		12949	10384	11217	12340		4592	1801	4752	5872		114	433
153 Grain mill products; starches; animal feeds		376942	335476	395225	357423		116416	82891	99370	66301		21132	4773
1531 Grain mill products		369145	331465	391151	353504		112973	81155	97551	64634		20906	4668
1532 Starches and starch products		-	-	-	-		-	-	-	-		-	-
1533 Prepared animal feeds		7797	4011	4074	3919		3443	1736	1819	1667		226	105
154 Other food products		442170	844802	846211	1102425		275543	555787	562632	759032		24693	46431
1541 Bakery products		69925	160321	137510	154583		16915	47541	40007	43828		5547	31466
1542 Sugar	b/	283795	577466	584258	765417	b/	225784	459320	463595	629328	b/	16910	10420
1543 Cocoa, chocolate and sugar confectionery	b/	...	...	...	...	b/	...	...	...	...	b/	...	...
1544 Macaroni, noodles & similar products		52579	52620	45918	80034		16520	25987	23467	45460		-	3461
1549 Other food products n.e.c.		35871	54395	78525	102391		16324	22939	35563	40416		2236	1084
155 Beverages		792465	863945	876408	922626		589465	619210	630463	640263		45668	77690
1551 Distilling, rectifying & blending of spirits		54687	60849	67134	73330		46879	43038	51566	48165		1832	4489
1552 Wines		33613	30173	21104	18693		22262	20049	13960	12763		-	474
1553 Malt liquors and malt		459424	508285	492756	497330		362182	379732	369709	362582		22998	41761
1554 Soft drinks; mineral waters		244741	264638	295414	333273		158142	176391	195228	216753		20838	30966
1600 Tobacco products		199936	244188	240371	243776		155768	120085	181541	177383		667	276
171 Spinning, weaving and finishing of textiles		524763	627684	593341	526347		229251	234944	206932	181311		14920	32043
1711 Textile fibre preparation; textile weaving		524763	627684	593341	526347		229251	234944	206932	181311		14920	32043
1712 Finishing of textiles		-	-	-	-		-	-	-	-		-	-
172 Other textiles		59430	68260	70258	62328		27982	31435	31332	32666		682	1234
1721 Made-up textile articles, except apparel		-	-	-	-		-	-	-	-		-	-
1722 Carpets and rugs		-	-	-	-		-	-	-	-		-	-
1723 Cordage, rope, twine and netting		59430	68260	70258	62328		27982	31435	31332	32666		682	1234
1729 Other textiles n.e.c.		-	-	-	-		-	-	-	-		-	-
1730 Knitted and crocheted fabrics and articles		2536	3296	5676	3407		929	1055	2119	1444		164	687
1810 Wearing apparel, except fur apparel		64452	71729	58201	54904		24916	32738	24586	18427		9298	2200
1820 Dressing & dyeing of fur; processing of fur		-	-	-	-		-	-	-	-		-	-
191 Tanning, dressing and processing of leather		482044	490895	483364	478300		136156	145211	181730	100373		9510	7927
1911 Tanning and dressing of leather		482044	490895	483364	478300		136156	145211	181730	100373		9510	7927
1912 Luggage, handbags, etc.; saddlery & harness		-	-	-	-		-	-	-	-		-	-
1920 Footwear		119315	143605	164993	174187		47039	58124	67134	66982		11470	22859
2010 Sawmilling and planing of wood	c/d/	...	...	...	...	c/d/	...	...	...	...	c/d/	...	...
202 Products of wood, cork, straw, etc.	c/	65993	66595	55174	40954	c/	45971	44133	34523	24503	c/	999	1136
2021 Veneer sheets, plywood, particle board, etc.	d/	...	...	...	...	d/	...	...	...	...	d/	...	...
2022 Builders' carpentry and joinery	d/	...	...	...	...	d/	...	...	...	...	d/	...	...
2023 Wooden containers		-	-	-	-		-	-	-	-		-	-
2029 Other wood products; articles of cork/straw	d/	65993	66595	55174	40954	d/	45971	44133	34523	24503	d/	999	1136
210 Paper and paper products		86424	122973	126316	124105		31904	46229	55713	47290		7000	11114
2101 Pulp, paper and paperboard		86424	122973	126316	124105		31904	46229	55713	47290		7000	11114
2102 Corrugated paper and paperboard		-	-	-	-		-	-	-	-		-	-
2109 Other articles of paper and paperboard		-	-	-	-		-	-	-	-		-	-
221 Publishing		-	-	-	-		-	-	-	-		-	-
2211 Publishing of books and other publications		-	-	-	-		-	-	-	-		-	-
2212 Publishing of newspapers, journals, etc.		-	-	-	-		-	-	-	-		-	-
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		-	-
2219 Other publishing		-	-	-	-		-	-	-	-		-	-

continued



## Ethiopia

ISIC Revision 3 ISIC Industry	Output in producers' prices					Value added in producers' prices					Gross fixed capital formation		
	Note	(thousand BIRR)				Note	(thousand BIRR)				Note	(thousand BIRR)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222 Printing and related service activities		114383	168591	137103	167119		66845	98995	72758	91506		16002	5355
2221 Printing	e/	...	...	...	...	e/	...	...	...	...	e/	...	...
2222 Service activities related to printing		114383	168591	137103	167119		66845	98995	72758	91506		16002	5355
2230 Reproduction of recorded media	e/	-	-	-	-	e/	-	-	-	-	e/	-	-
2310 Coke oven products		-	-	-	-		-	-	-	-		-	-
2320 Refined petroleum products		-	-	-	-		-	-	-	-		-	-
2330 Processing of nuclear fuel		-	-	-	-		-	-	-	-		-	-
241 Basic chemicals		5333	5829	29688	32101		3717	-4572	13578	17019		3859	3112
2411 Basic chemicals, except fertilizers		5333	5829	29688	32101		3717	-4572	13578	17019		3859	3112
2412 Fertilizers and nitrogen compounds		-	-	-	-		-	-	-	-		-	-
2413 Plastics in primary forms; synthetic rubber		-	-	-	-		-	-	-	-		-	-
242 Other chemicals		277055	311697	317693	440367		85364	107917	122413	202654		16294	48537
2421 Pesticides and other agro-chemical products		-	-	-	-		-	-	-	-		-	-
2422 Paints, varnishes, printing ink and mastics		55213	80373	87312	103616		19087	28814	34953	44293		2669	8987
2423 Pharmaceuticals, medicinal chemicals, etc.		59078	59345	103623	188277		23240	20567	43892	106342		4254	8062
2424 Soap, cleaning & cosmetic preparations		107474	161754	106631	128998		34940	52553	37137	45619		8994	30952
2429 Other chemical products n.e.c.		55290	10225	20127	19476		8097	5983	6431	6400		377	536
2430 Man-made fibres		-	-	-	-		-	-	-	-		-	-
251 Rubber products		76337	90938	143398	161080		36339	33368	54639	64045		3632	1912
2511 Rubber tyres and tubes		76337	90938	143398	161080		36339	33368	54639	64045		3632	1912
2519 Other rubber products		-	-	-	-		-	-	-	-		-	-
2520 Plastic products		84908	95323	154887	153048		38082	37217	69657	62532		39505	19467
2610 Glass and glass products		20899	22841	19543	32412		13940	14565	13994	23118		20617	2464
269 Non-metallic mineral products n.e.c.		315754	396831	524664	518551		149482	192029	266288	258151		26706	21019
2691 Pottery, china and earthenware		-	-	-	-		-	-	-	-		-	-
2692 Refractory ceramic products		-	-	-	-		-	-	-	-		-	-
2693 Struct.non-refractory clay; ceramic products		8592	8662	11643	12344		5185	5668	6880	6516		140	-
2694 Cement, lime and plaster		222710	276798	358920	377108		103044	131926	175856	186183		14321	16892
2695 Articles of concrete, cement and plaster		70685	78157	58034	55119		34026	36891	32988	30087		5254	1809
2696 Cutting, shaping & finishing of stone		-	-	-	-		-	-	-	-		-	-
2699 Other non-metallic mineral products n.e.c.		13766	33214	96067	73980		7227	17544	50554	35365		6991	2318
2710 Basic iron and steel		222574	282160	303555	285751		95340	82096	92345	81607		6387	13456
2720 Basic precious and non-ferrous metals		-	-	-	-		-	-	-	-		-	-
273 Casting of metals		-	-	-	-		-	-	-	-		-	-
2731 Casting of iron and steel		-	-	-	-		-	-	-	-		-	-
2732 Casting of non-ferrous metals		-	-	-	-		-	-	-	-		-	-
281 Struct.met.al products;tanks;steam generators		15728	19067	14129	13085		5871	8341	6870	5246		2621	541
2811 Structural metal products	f/	15728	19067	14129	13085	f/	5871	8341	6870	5246	f/	2621	541
2812 Tanks, reservoirs and containers of metal	f/	...	...	...	...	f/	...	...	...	...	f/	...	...
2813 Steam generators		-	-	-	-		-	-	-	-		-	-
289 Other metal products; metal working services		70873	92081	88024	68332		33066	43930	40788	32091		4427	5173
2891 Metal forging/pressing/stamping/roll-forming		-	-	-	-		-	-	-	-		-	-
2892 Treatment & coating of metals		-	-	-	-		-	-	-	-		-	-
2893 Cutlery, hand tools and general hardware		24360	26126	20560	13400		12809	13481	8110	6404		672	2042
2899 Other fabricated metal products n.e.c.		46513	65955	67464	54932		20257	30449	32678	25687		3755	3131
291 General purpose machinery		4034	6636	7697	1247		1916	3371	4878	608		140	58
2911 Engines & turbines(not for transport equip.)		-	-	-	-		-	-	-	-		-	-
2912 Pumps, compressors, taps and valves		4034	3756	5030	-		1916	2026	3259	-		32	-
2913 Bearings, gears, gearing & driving elements		-	-	-	-		-	-	-	-		-	-
2914 Ovens, furnaces and furnace burners		-	2383	1774	923		-	1068	1032	441		28	58
2915 Lifting and handling equipment		-	-	-	-		-	-	-	-		-	-
2919 Other general purpose machinery		-	497	893	324		-	277	587	167		80	-

292 Special purpose machinery	-	1675	2342	5079	-	1321	1155	2433	330	232
2921 Agricultural and forestry machinery	-	-	-	-	-	-	-	-	-	-
2922 Machine tools	-	-	-	-	-	-	-	-	-	-
2923 Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-
2924 Machinery for mining & construction	-	-	-	-	-	-	-	-	-	-
2925 Food/beverage/tobacco processing machinery	-	1675	2342	5079	-	1321	1155	2433	330	232
2926 Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-
2927 Weapons and ammunition	-	-	-	-	-	-	-	-	-	-
2929 Other special purpose machinery	-	-	-	-	-	-	-	-	-	-
2930 Domestic appliances n.e.c.	-	-	-	-	-	-	-	-	-	-
3000 Office, accounting and computing machinery	-	-	-	-	-	-	-	-	-	-
3110 Electric motors, generators and transformers	-	-	-	-	-	-	-	-	-	-
3120 Electricity distribution & control apparatus	-	-	-	-	-	-	-	-	-	-
3130 Insulated wire and cable	-	-	-	-	-	-	-	-	-	-
3140 Accumulators, primary cells and batteries	2752	1624	297	811	1497	586	-10	368	6	5
3150 Lighting equipment and electric lamps	-	-	-	-	-	-	-	-	-	-
3190 Other electrical equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3210 Electronic valves, tubes, etc.	-	-	-	-	-	-	-	-	-	-
3220 TV/radio transmitters; line comm. apparatus	-	-	-	-	-	-	-	-	-	-
3230 TV and radio receivers and associated goods	-	-	-	-	-	-	-	-	-	-
331 Medical, measuring, testing appliances, etc.	-	-	-	-	-	-	-	-	-	-
3311 Medical, surgical and orthopaedic equipment	-	-	-	-	-	-	-	-	-	-
3312 Measuring/testing/navigating appliances, etc.	-	-	-	-	-	-	-	-	-	-
3313 Industrial process control equipment	-	-	-	-	-	-	-	-	-	-
3320 Optical instruments & photographic equipment	-	-	-	-	-	-	-	-	-	-
3330 Watches and clocks	-	-	-	-	-	-	-	-	-	-
3410 Motor vehicles	-	-	-	-	-	-	-	-	-	-
3420 Automobile bodies, trailers & semi-trailers	320340	217747	134653	154874	50696	49018	41665	33498	7582	11095
3430 Parts/accessories for automobiles	-	125	301	997	-	107	202	513	-	2990
351 Building and repairing of ships and boats	-	-	-	-	-	-	-	-	-	-
3511 Building and repairing of ships	-	-	-	-	-	-	-	-	-	-
3512 Building/repairing of pleasure/sport. boats	-	-	-	-	-	-	-	-	-	-
3520 Railway/tramway locomotives & rolling stock	-	-	-	-	-	-	-	-	-	-
3530 Aircraft and spacecraft	-	-	-	-	-	-	-	-	-	-
359 Transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3591 Motorcycles	-	-	-	-	-	-	-	-	-	-
3592 Bicycles and invalid carriages	-	-	-	-	-	-	-	-	-	-
3599 Other transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3610 Furniture	54035	66026	92898	117337	28207	33293	48075	61864	8189	5695
369 Manufacturing n.e.c.	-	-	-	-	-	-	-	-	-	-
3691 Jewellery and related articles	-	-	-	-	-	-	-	-	-	-
3692 Musical instruments	-	-	-	-	-	-	-	-	-	-
3693 Sports goods	-	-	-	-	-	-	-	-	-	-
3694 Games and toys	-	-	-	-	-	-	-	-	-	-
3699 Other manufacturing n.e.c.	-	-	-	-	-	-	-	-	-	-
3710 Recycling of metal waste and scrap	-	-	-	-	-	-	-	-	-	-
3720 Recycling of non-metal waste and scrap	-	-	-	-	-	-	-	-	-	-
D Total manufacturing	4930487	5799106	5996198	6393206	2339932	2722813	2966902	3103972	306575	404167

a/ 1511 includes 1512 and 1513.

b/ 1542 includes 1543.

c/ 202 includes 2010.

d/ 2029 includes 2010, 2021 and 2022.

e/ 2222 includes 2221.

f/ 2811 includes 2812.

## Ethiopia

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		...	...	...	...	...	...	...	...	...	...	...	
16	Tobacco products		...	...	...	...	...	...	...	...	...	...	...	
17	Textiles		...	...	...	...	...	...	...	...	...	...	...	
18	Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...	
19	Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	
20	Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...	
21	Paper and paper products		...	...	...	...	...	...	...	...	...	...	...	
22	Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	
23	Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	
24	Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...	
25	Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	
26	Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	
27	Basic metals		...	...	...	...	...	...	...	...	...	...	...	
28	Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	
29	Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	
31	Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...	
32	Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...	
33	Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	
34	Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...	
35	Other transport equipment		...	...	...	...	...	...	...	...	...	...	...	
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	
D	Total manufacturing		...	104	100	100	68	64	87	95	104	112	118	130

## FIJI

**Supplier of information:**

Bureau of Statistics, Suva.

**Basic source of data:**

Annual Census of Industries, Annual Employment Survey.

**Major deviations from ISIC (Revision 2):**

Data collected under the national classification system have been reclassified by the national authorities to correspond approximately with ISIC (Rev. 2).

**Reference period (if not calendar year):****Scope:**

All establishments. However, household industrial units are not fully covered due to the difficulties involved in identifying these units. As a result figures for handicraft industries are considerably underestimated.

**Method of enumeration:**

Questionnaires are distributed by mail with follow-up site visits as required.

**Adjusted for non-response:**

Except for number of establishments, data do not include estimates for non-response.

**Concepts and definitions of variables:**

Number of employees is as of the last pay week in June of the reference year.

Wages and salaries is compensation of employees. Figures were computed by UNIDO from the reported annual average per employee.

**Related national publications:**

Census of Industries (annual), published by the Bureau of Statistics, Suva.

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand DOLLARS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		178	184	187	143	...	6375	6696	6454	...	138556	128174	149481		
3111 Slaughtering, preparing & preserving meat		6	5	6	6	...	58	61	79	...	993	981	1268		
3112 Dairy products		6	7	6	4	...	200	185	173	...	4029	3584	3596		
3113 Canning, preserving of fruits & vegetables		6	6	6	6	...	773a/	264	275	...	18617a/	5277	4059		
3114 Canning, preserving and processing of fish		7	7	7	3	...	...a/	468	616	...	...a/	7443	11638		
3115 Vegetable and animal oils and fats		6	6	6	5	...	98	101	147	...	867	2780	3767		
3116 Grain mill products		12	14	14	11	...	184	333	727	...	3693	6867	10523		
3117 Bakery products		81	85	89	69	...	658	810	866	...	7726	12672	15805		
3118 Sugar factories and refineries		5	5	5	5	...	4227b/	4107	3190	...	99520b/	82719	91655		
3119 Cocoa, chocolate and sugar confectionery		21	20	19	15	...	...b/	211	188	...	...b/	3256	3524		
3121 Other food products		23	24	25	17	...	140	155	192	...	2815	2590	3641		
3122 Prepared animal feeds		5	5	4	2	...	37	1	1	...	296	5	5		
313 Beverages		23	24	24	26	...	597c/	499	540	...	9530c/	10780	11067		
3131 Distilling, rectifying and blending spirits		3	3	3	6	...	206d/	60	65	...	5529d/	1071	1036		
3132 Wine industries		2	2	2	2	...	...d/	138	142	...	...d/	4363	4346		
3133 Malt liquors and malt	e/	18	19	19	18	...	391f/	301e/	333e/	...	4001f/	5346e/	5685e/		
3134 Soft drinks and carbonated waters	e/	...	...	...	...	...	...f/	...e/	...e/	...	...f/	...e/	...e/		
314 Tobacco		1	1	1	1	...	...c/f/	97	98	...	...c/f/	2560	3121		
321 Textiles	g/	248	260	255	213	...	10186g/	11705	13989	...	143714g/	161119	175646		
3211 Spinning, weaving and finishing textiles		...	...	...	...	...	...	...	...	...	...	...	...		
3212 Made-up textile goods excl. wearing apparel		...	...	...	...	...	...	...	...	...	...	...	...		
3213 Knitting mills		...	...	...	...	...	...	...	...	...	...	...	...		
3214 Carpets and rugs		...	...	...	...	...	...	...	...	...	...	...	...		
3215 Cordage, rope and twine		...	...	...	...	...	...	...	...	...	...	...	...		
3219 Other textiles		...	...	...	...	...	...	...	...	...	...	...	...		
322 Wearing apparel, except footwear	g/	...	...	...	...	...	...g/	999	1210	...	...g/	11337	12917		
323 Leather and fur products	h/	24	24	22	14	...	713h/	...	...	...	9182h/	...	...		
3231 Tanneries and leather finishing		...	...	...	...	...	...	...	...	...	...	...	...		
3232 Fur dressing and dyeing industries		...	...	...	...	...	...	...	...	...	...	...	...		
3233 Leather prods. excl. wearing apparel		...	...	...	...	...	...	...	...	...	...	...	...		
324 Footwear, except rubber or plastic	h/	...	...	...	...	...	...h/	...	...	...	...h/	...	...		
331 Wood products, except furniture		67	76	83	55	...	1447	1637	1539	...	32181	33004	33794		
3311 Sawmills, planing and other wood mills		56	63	69	44	...	1433	1614	1521	...	32048	32922	33649		
3312 Wooden and cane containers		1	1	1	1	...	...	...	...	...	...	...	...		
3319 Other wood and cork products		10	12	13	10	...	14	23	18	...	133	82	145		
332 Furniture and fixtures, excl. metal		150	160	143	105	...	1183	1237	1249	...	21325	22339	20302		
341 Paper and products		11	11	10	10	...	289	303	309	...	8475	7971	9960		
3411 Pulp, paper and paperboard articles		...	...	...	...	...	...	...	...	...	...	...	...		
3412 Containers of paper and paperboard		...	...	...	...	...	...	...	...	...	...	...	...		
3419 Other pulp, paper and paperboard articles		...	...	...	...	...	...	...	...	...	...	...	...		
342 Printing and publishing		58	59	59	45	...	952	946	922	...	16437	16636	11476		
351 Industrial chemicals		-	-	...	...	...	-	497	474	...	-	10440	9058		
3511 Basic chemicals excl. fertilizers		-	-	...	...	...	-	130	133	...	-	2602	2600		
3512 Fertilizers and pesticides		-	-	...	...	...	-	228	207	...	-	4339	3912		
3513 Synthetic resins and plastic materials		-	-	...	...	...	-	139	134	...	-	3499	2546		
352 Other chemicals		15	15	15	22	...	458	115	120	...	10663	2101	2197		
3521 Paints, varnishes and lacquers		6	6	6	5	...	90	...	...	...	1449	...	...		
3522 Drugs and medicines		-	-	...	...	...	-	...	...	...	-	...	...		
3523 Soap, cleaning preps., perfumes, cosmetics		9	9	9	6	...	222	...	...	...	5170	...	...		
3529 Other chemical products		...	...	...	11	...	146	...	...	...	4044	...	...		
353 Petroleum refineries		-	-	...	...	...	-	182	135	...	-	3248	2542		

354 Misc. petroleum and coal products	-	-	-	-	...	-	-	-	...	-	-	-
355 Rubber products	8	9	9	10	...	108	...	...	...	2454	...	...
3551 Tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	23	23	21	13	...	178	...	...	...	3189	...	...
361 Pottery, china, earthenware	-	-	-	-	...	-	-	-	...	-	-	-
362 Glass and products	-	-	-	-	...	-	-	-	...	-	-	-
369 Other non-metallic mineral products	26	25	21	18	...	348	313	281	...	7593	6518	4995
3691 Structural clay products	-	-	-	-	...	-	-	-	...	-	-	-
3692 Cement, lime and plaster	26	25	21	18	...	348	313	281	...	7593	6518	4995
3699 Other non-metallic mineral products	-	-	-	-	...	-	-	-	...	-	-	-
371 Iron and steel	2	2	2	2	...	74	79	155	...	1117	1195	2294
372 Non-ferrous metals	-	-	-	-	...	-	-	-	...	-	-	-
381 Fabricated metal products	99	102	99	71	...	656	774	774	...	12410	13264	15959
3811 Cutlery, hand tools and general hardware	-	-	-	-	...	-	-	-	...	-	-	-
3812 Furniture and fixtures primarily of metal	7	9	9	9	...	34	72	74	...	241	924	1176
3813 Structural metal products	53	52	50	34	...	333	442	356	...	7091	8389	7711
3819 Other fabricated metal products	39	41	40	28	...	289	260	344	...	5078	3551	7072
382 Non-electrical machinery	35	35	34	28	...	181	204	202	...	5108	4145	4745
3821 Engines and turbines	-	-	-	-	...	-	-	-	...	-	-	-
3822 Agricultural machinery and equipment	25	25	24	25	...	148	170	169	...	4414	3488	21646
3823 Metal and wood working machinery	-	-	-	-	...	-	-	-	...	-	-	-
3824 Other special industrial machinery	-	-	-	-	...	-	-	-	...	-	-	-
3825 Office, computing and accounting machinery	-	-	-	-	...	-	-	-	...	-	-	-
3829 Other non-electrical machinery & equipment	10	10	10	3	...	33	34	33	...	694	657	386
383 Electrical machinery	29	28	29	16	...	119	103	103	...	5546	1739	2061
3831 Electrical industrial machinery	29	28	29	16	...	119	103	103	...	5546	1739	2061
3832 Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...	...	...	...	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	27	27	27	18	...	499	395	407	...	8563	5848	6047
3841 Shipbuilding and repairing	21	20	20	13	...	417	325	348	...	7694	5522	5491
3842 Railroad equipment	-	-	-	-	...	-	-	-	...	-	-	-
3843 Motor vehicles	-	-	-	-	...	-	-	-	...	-	-	-
3844 Motorcycles and bicycles	-	-	-	-	...	-	-	-	...	-	-	-
3845 Aircraft	-	-	-	-	...	-	-	-	...	-	-	-
3849 Other transport equipment	6	7	7	5	...	82	70	59	...	869	326	556
385 Professional and scientific equipment	-	-	-	-	...	-	-	-	...	-	-	-
3851 Prof. and scientific equipment n.e.c.	-	-	-	-	...	-	-	-	...	-	-	-
3852 Photographic and optical goods	-	-	-	-	...	-	-	-	...	-	-	-
3853 Watches and clocks	-	-	-	-	...	-	-	-	...	-	-	-
390 Other manufacturing industries	63	62	57	39	...	272	258	239	...	4977	4449	4823
3901 Jewellery and related articles	26	28	25	18	...	123	118	112	...	1391	1288	2148
3902 Musical instruments	-	-	-	-	...	-	-	-	...	-	-	-
3903 Sporting and athletic goods	-	-	-	-	...	-	-	-	...	-	-	-
3909 Manufacturing industries, n.e.c.	37	34	32	21	...	149	140	127	...	3586	3161	2675
3 Total manufacturing	1087	1127	1098	849	...	24635	27039	29200	...	441020	...	...

a/ 3113 includes 3114.

b/ 3118 includes 3119.

c/ 313 includes 314.

d/ 3131 includes 3132.

e/ 3133 includes 3134.

f/ 3133 includes 3134 and 314.

g/ 321 includes 322.

h/ 323 includes 324.

## Fiji

ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
311/2 Food products	a/	94	90	103	100	103	107	106	116	112	111	96	100
313 Beverages	a/	...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco	a/	...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles	b/	38	46	67	100	128	89	125	106	144	190	244	318
322 Wearing apparel, except footwear	b/	...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		119	112	103	100	94	84	97	104	100	102	96	99
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products	c/	89	80	84	100	109	111	127	141	129	128	134	142
342 Printing and publishing	c/	...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		...	...	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		92	99	90	100	107	111	117	115	108	102	120	132
353 Petroleum refineries		...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	d/	75	97	101	100	101	94	97	99	89	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	e/	76	56	74	100	101	109	102	120	117	107	123	115
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

a/ 311/2 includes 313 and 314.

b/ 321 includes 322.

c/ 341 includes 342.

d/ Tyre and tube industries only.

e/ Cement only.

## FINLAND

<p><b>Supplier of information:</b> Statistics Finland, Helsinki. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p><b>Basic source of data:</b> Annual Structural Business Statistics on Industry, Tax Authorities Registers, Statistics on the Structure of Industry and Construction.</p> <p><b>Major deviations from ISIC (Revision 3):</b> Data have been converted from NACE (Revision 1) to ISIC (Rev. 3).</p> <p><b>Reference period (if not calendar year):</b> Fiscal year beginning 1 April of the year indicated.</p> <p><b>Scope:</b> All establishments with 20 or more employees.</p> <p><b>Method of enumeration:</b> Questionnaires are distributed by mail.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b></p> <p><u>Number of employees</u> is based on the average number of employees throughout the year. Data are not converted to full-time equivalent.</p> <p><u>Wages and salaries</u> covers all paid regular and overtime wages and salaries, cash payments, bonuses, cost-of-living allowances, paid education, vacation and sick-leave, taxes and social insurance contributions payable by employees and deducted by employers, and payments in kind.</p> <p><u>Output</u> is gross output including the values of shipments of goods and services produced by the unit, the receipts for industrial work done and industrial services rendered to others, the sales of goods shipped in the same condition as received, the net change in stocks of finished goods, work in progress, and stocks of goods purchased for resale, the value of electricity sold, the sales of products manufactured by subcontractors, the value of capital assets manufactured for own use, and receipts for non-industrial services. It excludes income from sales of capital assets produced on own accounts. The valuation is at basic prices.</p> <p><u>Value added</u> is output minus value of industrial materials and services for processing, cost of industrial services received, and operating costs and payment for services of a non-industrial nature.</p> <p><u>Gross fixed capital formation</u> is expenditure on the purchase of fixed assets plus own-account construction of assets. Fixed assets include investments in equipment goods, buildings, other construction and other fixed assets and exclude investments in land and water resources. They are investments with a productive life of at least one year, and include assets made by a unit's labour force for its own use; additions, alterations, improvements and repairs to existing assets; new assets (whether or not in use) and used assets. Valuation is at full cost incurred, including delivered price, cost of installation and fees and taxes.</p> <p><b>Related national publications:</b> Statistics on the Structure of Industry and Construction; Preliminary Data on Finnish Industries, both published by Statistics Finland, Helsinki.</p>
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## Finland

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million MARKS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		537	587	556	652		14442	14810	14612	14962		1768.6	1921.6	1879.6	2011.5
1511 Processing/preserving of meat		213	226	209	246		10743	10935	11327	11496		1288.5	1403.7	1449.9	1537.6
1512 Processing/preserving of fish		147	146	138	172		575	526	507	648		53.8	53.6	55.5	70.6
1513 Processing/preserving of fruit & vegetables		162	201	194	219		2198	2515	2203	2241		266.5	307.4	279.5	301.7
1514 Vegetable and animal oils and fats		15	14	15	15		926	834	575	576		159.8	156.9	94.7	101.5
1520 Dairy products		111	106	97	94		6520	5649	5292	5805		857.4	767.2	719.1	821.8
153 Grain mill products; starches; animal feeds		188	196	185	194		2149	2224	2253	2271		328.3	352.4	364.9	376.0
1531 Grain mill products		89	97	85	92		551	519	520	569		80.3	75.6	77.1	82.3
1532 Starches and starch products		8	8	9	9		314	307	290	251		47.7	43.2	42.3	40.5
1533 Prepared animal feeds		91	91	91	93		1284	1398	1443	1452		200.3	233.6	245.5	253.2
154 Other food products		1119	1181	1117	1197		15954	16057	15839	15553		1863.6	1951.4	1986.3	1978.9
1541 Bakery products		973	1018	955	1005		10538	10834	10990	11221		1156.5	1243.3	1257.1	1328.4
1542 Sugar		9	9	9	9		741	665	579	555		111.5	108.3	95.8	93.7
1543 Cocoa, chocolate and sugar confectionery		46	47	47	53		2611	2783	2441	2486		335.9	352.0	343.1	365.7
1544 Macaroni, noodles & similar products		2	4	4	3		...	42	40	...		...	6.8	6.4	...
1549 Other food products n.e.c.		89	103	102	127		1978	1677	1789	1283		248.5	232.0	283.8	189.8
155 Beverages		72	76	79	89		3848	3619	3513	3541		603.8	574.1	575.0	598.9
1551 Distilling, rectifying & blending of spirits		4	5	5	6		...	...	...	708		...	...	...	143.3
1552 Wines		...	...	...	24		...	...	...	25		...	...	...	3.0
1553 Malt liquors and malt		33	35	33	35		1748	2054	2008	2038		288.1	299.5	317.3	332.8
1554 Soft drinks; mineral waters		25	22	24	24		1138	...	...	...		145.4	...	...	...
1600 Tobacco products		5	4	4	5		915	761	723	682		134.8	119.8	117.8	122.9
171 Spinning, weaving and finishing of textiles		186	195	183	201		1233	1189	1164	1101		126.0	129.1	125.8	128.7
1711 Textile fibre preparation; textile weaving		64	68	64	68		671	661	652	602		68.8	70.0	69.6	70.4
1712 Finishing of textiles		122	127	119	133		562	528	512	499		57.2	59.1	56.2	58.4
172 Other textiles		673	683	650	720		3368	3478	3603	3731		392.2	439.5	463.0	499.2
1721 Made-up textile articles, except apparel		291	300	289	319		958	938	923	926		93.3	99.3	93.6	106.8
1722 Carpets and rugs		198	204	189	191		140	174	161	189		11.9	15.0	14.7	17.1
1723 Cordage, rope, twine and netting		17	20	18	20		138	142	134	128		12.0	11.5	12.8	13.4
1729 Other textiles n.e.c.		167	159	154	190		1716	1773	1926	2488		223.3	252.7	278.9	361.9
1730 Knitted and crocheted fabrics and articles		191	183	188	210		1794	1917	1771	1719		177.3	183.9	183.1	186.0
1810 Wearing apparel, except fur apparel		1194	1223	1203	1352		8008	7007	7071	7034		728.6	682.8	696.7	722.9
1820 Dressing & dyeing of fur; processing of fur		145	129	122	128		330	327	301	339		29.1	36.2	36.1	38.4
191 Tanning, dressing and processing of leather		289	285	279	288		932	783	707	665		82.5	78.7	64.7	65.4
1911 Tanning and dressing of leather		20	19	19	17		473	358	299	237		45.1	37.4	25.7	24.8
1912 Luggage, handbags, etc.; saddlery & harness		269	266	260	271		459	425	408	429		37.4	41.3	39.0	40.7
1920 Footwear		101	102	96	109		2428	2298	2093	2251		222.4	219.5	214.7	236.9
2010 Sawmilling and planing of wood		1237	1284	1267	1340		10440	9599	9548	10135		1281.1	1195.2	1249.5	1388.0
202 Products of wood, cork, straw, etc.		1729	1774	1712	1834		16188	15987	16744	17506		1850.3	1898.3	2065.1	2226.0
2021 Veneer sheets, plywood, particle board, etc.		79	81	76	78		6957	6754	6787	6684		857.7	855.6	896.1	920.5
2022 Builders' carpentry and joinery		1100	1102	1073	1087		7836	7767	8565	9125		843.9	877.5	994.1	1100.0
2023 Wooden containers		197	215	201	218		784	854	850	1029		84.8	107.2	110.0	130.3
2029 Other wood products; articles of cork/straw		353	376	362	451		611	612	542	669		63.8	58.0	64.8	75.1
210 Paper and paper products		330	306	299	303		38943	38582	38700	38254		6730.5	6958.3	7213.0	7654.4
2101 Pulp, paper and paperboard		163	139	131	125		33148	32544	32800	32389		5896.0	6066.1	6323.9	6717.3
2102 Corrugated paper and paperboard		68	67	66	69		3259	3348	3114	3094		466.5	494.0	469.3	500.2
2109 Other articles of paper and paperboard		99	100	102	109		2497	2690	2785	2772		363.1	398.2	419.8	436.9
221 Publishing		1155	1219	1196	1390		15880	15159	14550	15418		2224.2	2258.5	2288.3	2556.3
2211 Publishing of books and other publications		284	300	295	358		1636	1664	1740	1977		261.0	265.9	281.4	322.5
2212 Publishing of newspapers, journals, etc.		572	597	583	615		13664	12824	12178	12668		1876.5	1898.1	1911.4	2096.9
2213 Publishing of recorded media		225	237	233	311		164	220	187	279		21.2	27.2	26.4	56.5
2219 Other publishing		74	85	85	106		417	451	445	494		65.6	67.3	69.1	80.4

222	Printing and related service activities	1438	1520	1473	1523	14548	13924	14475	14634	1977.8	2084.8	2102.1	2231.3
2221	Printing	1045	1107	1078	1107	12743	12358	12983	12969	1730.5	1818.2	1873.5	1966.9
2222	Service activities related to printing	393	413	396	416	1805	1666	1493	1665	247.2	266.6	228.6	264.4
2230	Reproduction of recorded media	60	51	55	67	103	99	119	140	14.6	14.7	14.8	25.9
2310	Coke oven products	2	1	1	2	...	...	...	...	...	...	...	...
2320	Refined petroleum products	20	21	19	20	3146	3219	3201	3138	568.2	597.9	629.0	628.9
2330	Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
241	Basic chemicals	158	159	147	155	8547	8376	8228	8502	1460.2	1481.8	1533.5	1607.8
2411	Basic chemicals, except fertilizers	94	99	91	87	4216	4168	4298	5351	688.0	726.5	783.4	984.4
2412	Fertilizers and nitrogen compounds	20	18	17	18	1259	1258	1280	1240	219.8	220.3	233.6	233.9
2413	Plastics in primary forms; synthetic rubber	44	42	39	50	1989	1868	1648	1911	362.9	342.7	334.7	389.5
242	Other chemicals	201	219	229	240	9180	9183	9291	9583	1254.8	1299.4	1356.4	1449.0
2421	Pesticides and other agro-chemical products	1	2	2	2	-	-	-	-	-	-	-	-
2422	Paints, varnishes, printing ink and mastics	34	34	41	43	1762	1822	1903	2039	270.3	294.3	307.7	320.5
2423	Pharmaceuticals, medicinal chemicals, etc.	32	35	33	37	4108	3999	3904	3949	544.4	540.0	553.2	598.1
2424	Soap, cleaning & cosmetic preparations	79	86	86	87	1628	1629	1613	1754	207.8	222.9	219.0	266.8
2429	Other chemical products n.e.c.	55	62	67	71	1682	1733	1871	1840	232.4	242.2	276.5	263.6
2430	Man-made fibres	2	2	2	3	...	...	...	...	...	...	...	...
251	Rubber products	77	69	66	78	2577	2331	2386	2535	345.0	333.4	367.0	429.5
2511	Rubber tyres and tubes	22	18	18	23	313	72	64	...	36.3	9.1	8.6	...
2519	Other rubber products	55	51	48	55	1072	1094	1119	1179	131.0	141.0	148.1	161.2
2520	Plastic products	602	632	626	661	11204	11722	12633	13831	1418.6	1528.9	1706.9	1939.3
2610	Glass and glass products	131	135	126	149	3301	3355	3494	3710	457.5	495.6	509.1	566.1
269	Non-metallic mineral products n.e.c.	868	896	859	953	9252	9204	9366	10294	1173.6	1212.5	1283.4	1429.0
2691	Pottery, china and earthenware	126	142	142	175	652	671	566	1038	73.3	76.8	62.8	123.5
2692	Refractory ceramic products	5	5	5	4	54	49	47	46	7.3	7.4	8.9	8.7
2693	Struct.non-refractory clay; ceramic products	16	15	15	17	233	224	233	358	32.6	28.5	31.5	53.8
2694	Cement, lime and plaster	9	9	7	7	444	367	361	395	64.3	56.0	57.8	62.9
2695	Articles of concrete, cement and plaster	389	392	378	400	4795	4863	4875	5524	592.6	630.1	651.3	754.5
2696	Cutting, shaping & finishing of stone	269	293	270	302	1047	1124	1165	1321	120.6	134.7	145.3	170.6
2699	Other non-metallic mineral products n.e.c.	54	40	42	48	1619	1509	1700	1612	227.7	222.6	264.0	255.0
2710	Basic iron and steel	78	82	78	95	9710	10107	10149	10493	1545.9	1674.3	1750.2	1850.0
2720	Basic precious and non-ferrous metals	25	29	31	32	3371	3794	3728	3830	544.1	622.4	626.3	669.5
273	Casting of metals	59	66	70	73	2773	2853	2871	2943	387.6	392.5	392.7	441.2
2731	Casting of iron and steel	28	28	30	32	2259	2246	2065	2204	324.4	316.4	291.3	340.3
2732	Casting of non-ferrous metals	31	38	40	41	514	607	806	739	63.2	76.1	101.4	100.8
281	Struct.metall products;tanks;steam generators	1384	1422	1405	1525	12686	13462	13521	14624	1696.3	1851.0	1930.3	2143.4
2811	Structural metal products	1259	1294	1277	1394	8752	9450	9468	10493	1065.4	1200.5	1284.5	1464.8
2812	Tanks, reservoirs and containers of metal	103	105	107	111	1931	1928	1967	2106	260.3	275.2	282.8	312.4
2813	Steam generators	22	23	21	20	2003	2084	2086	2025	370.5	375.3	363.1	366.2
289	Other metal products; metal working services	2646	2805	2761	3024	15861	16851	18569	19731	1953.3	2180.2	2402.8	2645.6
2891	Metal forging/pressing/stamping/roll-forming	68	82	80	97	241	236	321	270	32.3	29.4	37.4	34.7
2892	Treatment & coating of metals	1214	1297	1302	1451	6859	7514	8949	9534	827.8	993.7	1138.3	1279.5
2893	Cutlery, hand tools and general hardware	390	394	382	395	3390	3397	3374	3657	425.3	430.4	445.8	498.4
2899	Other fabricated metal products n.e.c.	974	1032	997	1081	5371	5704	5925	6271	667.9	726.6	781.4	833.1
291	General purpose machinery	1642	1706	1704	1771	21801	23408	24301	24708	3230.6	3608.5	3896.9	4113.9
2911	Engines & turbines(not for transport equip.)	106	122	127	147	2451	2805	2911	2941	446.6	527.6	569.2	600.4
2912	Pumps, compressors, taps and valves	133	132	132	143	4141	4247	4363	4636	606.2	677.9	671.1	737.4
2913	Bearings, gears, gearing & driving elements	42	42	41	44	1216	1264	1301	1397	185.6	194.9	205.3	227.7
2914	Ovens, furnaces and furnace burners	20	21	23	25	151	160	178	190	22.2	25.9	22.8	28.6
2915	Lifting and handling equipment	361	363	353	372	7334	7670	7917	8129	1087.2	1195.6	1294.7	1408.6
2919	Other general purpose machinery	980	1026	1028	1040	6507	7260	7632	7416	882.7	986.6	1133.8	1111.3
292	Special purpose machinery	1715	1817	1791	1914	26342	28683	29210	31547	3938.3	4514.4	4750.3	5264.3
2921	Agricultural and forestry machinery	656	691	679	718	2612	2821	3007	3639	342.1	385.4	457.7	559.6
2922	Machine tools	182	189	196	221	3171	3377	3427	3610	429.5	485.0	489.9	559.1
2923	Machinery for metallurgy	16	17	17	17	170	172	179	182	34.6	34.5	37.5	38.4
2924	Machinery for mining & construction	177	188	176	191	3557	3679	3802	3714	542.6	560.2	607.7	629.5
2925	Food/beverage/tobacco processing machinery	115	127	123	142	944	1070	1078	1386	115.3	148.0	145.4	203.2
2926	Machinery for textile, apparel and leather	29	31	29	26	61	65	77	68	7.2	7.8	7.7	7.2
2927	Weapons and ammunition	41	46	44	47	1290	1265	1230	1342	179.4	178.0	180.1	194.0
2929	Other special purpose machinery	499	528	527	552	14537	16235	16411	17606	2287.7	2715.5	2824.3	3073.3
2930	Domestic appliances n.e.c.	49	43	43	49	1489	1417	1493	1485	156.4	170.2	183.4	202.2

continued

## Finland

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million MARKS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		...	...	...	65		...	...	...	2362		...	...	...	391.3
3110 Electric motors, generators and transformers		102	104	98	91		5675	6525	6115	6121		803.7	977.7	965.4	1006.6
3120 Electricity distribution & control apparatus		107	103	102	110		4029	3642	4259	4474		540.1	513.2	625.9	694.2
3130 Insulated wire and cable		35	37	36	38		1691	1695	1914	1885		249.4	251.4	295.8	303.7
3140 Accumulators, primary cells and batteries		5	5	5	6		...	...	...	16		...	...	...	2.5
3150 Lighting equipment and electric lamps		91	94	95	98		1421	1419	1416	1502		167.7	170.0	182.2	199.7
3190 Other electrical equipment n.e.c.		154	155	154	162		2198	2203	2245	2131		283.8	287.1	297.1	302.7
3210 Electronic valves, tubes, etc.		173	185	183	223		3290	3500	3563	3795		380.0	415.3	456.7	500.3
3220 TV/radio transmitters; line comm. apparatus		88	90	88	102		16682	18583	21601	25664		2511.2	2872.4	3169.7	4339.9
3230 TV and radio receivers and associated goods		45	48	46	48		1377	1338	1406	1243		177.7	178.8	190.1	179.0
331 Medical, measuring, testing appliances, etc.		704	710	624	808		7811	8143	8612	9717		1138.4	1234.2	1383.3	1588.5
3311 Medical, surgical and orthopaedic equipment		451	440	343	518		3709	3714	3811	4416		486.9	506.0	556.5	675.7
3312 Measuring/testing/navigating appliances, etc.		193	204	216	216		2658	2845	3111	3553		401.9	438.3	499.5	578.9
3313 Industrial process control equipment		60	66	65	74		1444	1584	1690	1748		249.6	289.8	327.2	334.0
3320 Optical instruments & photographic equipment		36	35	40	40		290	299	321	280		38.1	39.2	45.0	36.8
3330 Watches and clocks		7	6	5	4		11	11	11	1		1.3	1.1	1.3	0.1
3410 Motor vehicles		32	34	35	32		2432	2227	2592	2686		335.1	319.3	389.7	416.0
3420 Automobile bodies, trailers & semi-trailers		176	182	177	201		2916	3137	3417	3771		359.7	405.2	431.0	522.1
3430 Parts/accessories for automobiles		71	73	66	71		960	967	998	807		124.9	131.0	134.8	114.3
351 Building and repairing of ships and boats		464	491	499	575		10147	9834	9301	9617		1474.8	1414.2	1311.5	1533.4
3511 Building and repairing of ships		105	116	126	155		9189	8837	8191	8154		1358.6	1290.5	1175.2	1339.2
3512 Building/repairing of pleasure/sport. boats		358	374	373	420		950	972	1110	1463		116.2	122.5	136.3	194.2
3520 Railway/tramway locomotives & rolling stock		16	13	14	17		2381	2166	2174	2099		351.6	294.6	322.5	319.2
3530 Aircraft and spacecraft		14	13	15	15		2613	...	...	...		446.9	...	...	...
359 Transport equipment n.e.c.		27	29	26	32		458	444	395	348		55.4	66.6	55.0	49.1
3591 Motorcycles		4	3	3	3		...	...	...	1		0.1	0.2	-	-
3592 Bicycles and invalid carriages		8	...	10	13		...	...	...	286		...	...	...	41.1
3599 Other transport equipment n.e.c.		15	16	13	16		76	78	59	61		9.1	9.9	7.7	8.0
3610 Furniture		1504	1550	1521	1670		9763	9567	10336	11153		1060.8	1110.9	1181.8	1345.8
369 Manufacturing n.e.c.		868	939	928	1032		4097	3926	3862	3909		464.5	462.6	459.8	482.5
3691 Jewellery and related articles		272	283	277	299		774	724	671	660		97.3	96.5	84.8	87.4
3692 Musical instruments		44	54	49	49		110	84	62	60		8.5	8.0	6.1	7.2
3693 Sports goods		138	150	147	169		1403	1312	1233	1261		148.0	151.9	146.7	158.5
3694 Games and toys		71	68	68	81		403	266	236	243		43.6	31.0	27.8	27.3
3699 Other manufacturing n.e.c.		343	384	387	434		1407	1540	1660	1686		167.2	175.2	194.5	202.1
3710 Recycling of metal waste and scrap		67	87	90	95		219	256	276	275		29.9	33.4	40.7	37.0
3720 Recycling of non-metal waste and scrap		13	18	19	15		39	42	45	48		4.7	4.1	5.2	8.1
D Total manufacturing		25218	26209	25585	27990		381936	385385	394560	414261		52824.2	55680.4	58328.1	64291.3

## Finland

ISIC Revision 3	Output				Value added in factor values				Gross fixed capital formation					
	ISIC Industry	Note	(million MARKS)				Note	(million MARKS)				Note	(million MARKS)	
			1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
151 Processed meat, fish, fruit, vegetables, fats		15668	17197	16952	16890		3317	3474	3643	3805		609.8	682.1	
1511 Processing/preserving of meat		11610	12649	12708	12486		2307	2488	2574	2580		401.0	448.7	
1512 Processing/preserving of fish		374	409	472	587		90	103	104	133		32.1	32.2	
1513 Processing/preserving of fruit & vegetables		2069	2417	2302	2353		656	617	668	688		118.1	89.9	
1514 Vegetable and animal oils and fats		1615	1721	1470	1464		264	266	297	404		58.6	111.4	
1520 Dairy products		11220	11628	10454	10306		1455	1644	1460	1444		227.8	355.2	
153 Grain mill products; starches; animal feeds		4430	4661	4972	4891		889	831	874	896		192.8	136.1	
1531 Grain mill products		916	986	975	922		220	192	203	205		47.5	32.7	
1532 Starches and starch products		703	745	813	735		134	136	132	122		49.7	26.2	
1533 Prepared animal feeds		2811	2930	3184	3234		535	503	539	568		95.5	77.3	
154 Other food products		10429	10987	11773	11846		3727	4007	3818	3794		507.5	501.8	
1541 Bakery products		4379	4770	4933	5227		2042	2173	2087	2233		301.1	271.0	
1542 Sugar		1638	1627	1877	1803		407	397	395	365		20.4	57.5	
1543 Cocoa, chocolate and sugar confectionery		1725	1772	1826	2019		583	657	565	743		83.6	110.6	
1544 Macaroni, noodles & similar products		...	109	100	...		...	32	12	...		21.5	...	
1549 Other food products n.e.c.		2579	2646	3038	2739		673	741	758	433		80.9	60.5	
155 Beverages		4133	4550	4736	5030		1111	1511	1529	1562		403.9	303.9	
1551 Distilling, rectifying & blending of spirits		...	...	...	1232		...	253	...	270		...	157.3	
1552 Wines		...	...	...	21		...	...	...	7		...	1.8	
1553 Malt liquors and malt		2348	2779	2874	3088		787	1023	1117	1073		219.6	103.6	
1554 Soft drinks; mineral waters		668	...	...	...		133	...	...	...		...	...	
1600 Tobacco products		914	687	642	684		224	215	199	196		28.3	6.1	
171 Spinning, weaving and finishing of textiles		805	746	794	862		227	246	277	294		15.8	35.6	
1711 Textile fibre preparation; textile weaving		378	368	397	415		129	115	150	169		5.0	25.3	
1712 Finishing of textiles		427	378	397	447		99	131	127	125		10.8	10.2	
172 Other textiles		2096	2308	2509	2593		855	953	1080	1141		190.4	179.9	
1721 Made-up textile articles, except apparel		489	508	537	566		173	168	180	215		17.4	19.1	
1722 Carpets and rugs		85	104	98	113		27	36	33	42		4.1	8.6	
1723 Cordage, rope, twine and netting		51	49	61	50		25	26	26	23		1.0	0.6	
1729 Other textiles n.e.c.		928	1029	1111	1865		460	507	573	860		102.0	151.5	
1730 Knitted and crocheted fabrics and articles		600	652	635	622		267	306	299	295		23.0	27.0	
1810 Wearing apparel, except fur apparel		2969	3005	3176	3364		1225	1204	1209	1256		97.6	69.5	
1820 Dressing & dyeing of fur; processing of fur		138	171	167	170		40	62	63	73		6.8	3.5	
191 Tanning, dressing and processing of leather		462	444	443	402		156	148	141	137		20.3	15.4	
1911 Tanning and dressing of leather		240	193	182	168		74	57	50	43		10.6	4.7	
1912 Luggage, handbags, etc.; saddlery & harness		221	251	261	234		82	91	91	93		9.7	10.6	
1920 Footwear		920	924	933	1042		376	361	384	412		41.9	35.1	
2010 Sawmilling and planing of wood		12630	11502	15428	16154		3017	2144	3816	3072		932.1	948.8	
202 Products of wood, cork, straw, etc.		8876	9251	11075	12077		3080	3319	3964	4424		409.1	787.4	
2021 Veneer sheets, plywood, particle board, etc.		3988	4083	4617	4772		1448	1524	1828	2010		140.4	311.3	
2022 Builders' carpentry and joinery		4113	4359	5546	6245		1321	1454	1786	1994		227.4	402.2	
2023 Wooden containers		510	567	624	720		183	220	218	267		25.4	38.3	
2029 Other wood products; articles of cork/straw		265	242	287	341		127	121	132	154		16.0	35.7	
210 Paper and paper products		76834	67003	74207	78538		25275	18755	20891	24304		5662.4	5579.4	
2101 Pulp, paper and paperboard		71421	61280	68588	73007		23508	16811	18963	22401		5392.8	5336.0	
2102 Corrugated paper and paperboard		2712	2863	2636	2613		965	1028	989	958		128.1	137.8	
2109 Other articles of paper and paperboard		2670	2860	2983	2918		792	917	939	945		141.5	105.6	
221 Publishing		10516	11276	11738	12819		3799	4114	4460	4961		483.7	603.6	
2211 Publishing of books and other publications		1806	1916	1948	2030		498	563	608	650		26.4	44.5	
2212 Publishing of newspapers, journals, etc.		8340	8929	9397	10218		3126	3363	3680	4047		436.8	536.4	
2213 Publishing of recorded media		107	164	136	267		42	64	58	120		8.4	11.3	
2219 Other publishing		264	266	258	303		133	124	114	145		12.1	11.4	

continued

## Finland

ISIC Revision 3 ISIC Industry	Output				Value added in factor values				Gross fixed capital formation				
	Note	(million MARKS)				Note	(million MARKS)				(million MARKS)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
222 Printing and related service activities		8910	9651	9748	10092		3896	4186	4277	4340		842.1	850.1
2221 Printing		8046	8737	8910	9291		3415	3688	3846	3838		789.1	779.7
2222 Service activities related to printing		864	914	838	801		481	498	432	502		53.0	70.4
2230 Reproduction of recorded media		93	101	101	152		30	40	40	68		10.5	17.6
2310 Coke oven products		...	...	...	...		...	...	...	...		...	...
2320 Refined petroleum products		10761	13269	12946	12145		1257	1506	1285	1555		838.5	216.3
2330 Processing of nuclear fuel		...	...	...	...		...	...	...	...		...	...
241 Basic chemicals		15535	15779	17485	17742		4905	4681	5084	5468		1548.0	1525.0
2411 Basic chemicals, except fertilizers		8365	8737	10018	10995		2745	2679	3065	3832		1046.6	1167.1
2412 Fertilizers and nitrogen compounds		1840	2121	2207	2043		636	642	683	638		62.6	142.7
2413 Plastics in primary forms; synthetic rubber		4289	4017	4290	4704		1022	973	905	998		258.2	215.1
242 Other chemicals		6692	7179	8388	8865		2896	3036	3438	3483		789.5	419.0
2421 Pesticides and other agro-chemical products		...	...	...	...		...	...	...	...		...	...
2422 Paints, varnishes, printing ink and mastics		1794	1993	2496	2403		650	751	887	786		429.3	77.6
2423 Pharmaceuticals, medicinal chemicals, etc.		2615	2803	2962	3255		1348	1378	1499	1570		208.0	173.9
2424 Soap, cleaning & cosmetic preparations		1026	1094	1152	1520		412	419	427	523		36.2	43.9
2429 Other chemical products n.e.c.		1257	1290	1778	1686		486	488	625	604		116.0	123.6
2430 Man-made fibres		...	...	...	...		...	...	...	...		...	...
251 Rubber products		1651	1584	1698	1901		698	721	806	901		142.2	325.2
2511 Rubber tyres and tubes		176	60	46	...		62	18	18	...		2.8	...
2519 Other rubber products		581	622	666	754		265	282	312	346		41.7	41.8
2520 Plastic products		7458	7902	9159	10604		2708	3229	3611	4128		581.0	849.2
2610 Glass and glass products		1934	2107	2306	2598		833	882	901	1064		177.2	152.0
269 Non-metallic mineral products n.e.c.		5981	6664	7718	8592		2406	2574	3075	3583		371.5	588.7
2691 Pottery, china and earthenware		205	228	286	572		...	...	...	277		15.5	22.9
2692 Refractory ceramic products		36	50	50	50		15	17	19	20		1.4	0.8
2693 Struct.non-refractory clay; ceramic products		117	124	165	263		65	67	74	138		2.5	14.5
2694 Cement, lime and plaster		587	637	679	703		274	277	309	331		18.2	84.6
2695 Articles of concrete, cement and plaster		2952	3342	3815	4620		1075	1155	1401	1801		192.9	280.1
2696 Cutting, shaping & finishing of stone		521	622	702	781		236	304	336	376		53.1	73.7
2699 Other non-metallic mineral products n.e.c.		1300	1379	1676	1603		469	492	576	641		79.5	112.0
2710 Basic iron and steel		19203	18244	19513	20056		5365	4125	4326	4303		2216.3	1139.4
2720 Basic precious and non-ferrous metals		9320	10219	11968	9745		1005	1236	1750	1303		396.1	698.2
273 Casting of metals		1506	1473	1621	1625		734	714	786	788		148.9	118.0
2731 Casting of iron and steel		1188	1097	1117	1191		604	565	573	595		121.1	86.5
2732 Casting of non-ferrous metals		319	376	504	434		130	149	213	193		27.8	31.5
281 Struct.metall products;tanks;steam generators		9874	10080	10341	11361		3023	3401	3518	3904		409.7	521.5
2811 Structural metal products		5351	6100	6501	7487		1892	2236	2436	2780		283.3	387.7
2812 Tanks, reservoirs and containers of metal		1296	1409	1339	1376		492	566	530	535		93.8	95.4
2813 Steam generators		3227	2571	2501	2498		639	599	552	589		32.6	38.3
289 Other metal products; metal working services		8917	10139	11448	12079		3932	4551	5107	5579		774.6	1030.0
2891 Metal forging/pressing/stamping/roll-forming		150	148	178	167		67	70	83	79		9.5	25.1
2892 Treatment & coating of metals		4053	4885	5472	5822		1739	2183	2428	2704		408.9	577.2
2893 Cutlery, hand tools and general hardware		1639	1635	1872	2073		860	877	1039	1151		119.4	149.1
2899 Other fabricated metal products n.e.c.		3075	3472	3926	4016		1267	1421	1557	1646		236.8	278.5
291 General purpose machinery		17123	20134	22673	24334		6080	7045	7228	7607		891.4	890.6
2911 Engines & turbines(not for transport equip.)		2993	4228	5200	5821		974	1083	858	1061		180.5	118.1
2912 Pumps, compressors, taps and valves		2973	3396	3373	3511		1199	1446	1420	1443		159.1	157.6
2913 Bearings, gears, gearing & driving elements		850	955	921	989		377	440	414	413		94.5	112.9
2914 Ovens, furnaces and furnace burners		102	115	135	154		32	35	32	37		16.5	6.4
2915 Lifting and handling equipment		6010	6362	7266	8124		1957	2130	2354	2509		167.4	175.6
2919 Other general purpose machinery		4194	5078	5777	5735		1542	1911	2150	2144		273.4	320.0

292 Special purpose machinery	22086	27140	28114	28310	7286	8777	9021	9410	767.3	788.1
2921 Agricultural and forestry machinery	2909	3211	3576	4062	795	871	820	939	72.8	155.7
2922 Machine tools	2387	2410	2954	3049	858	952	1057	1086	101.6	119.7
2923 Machinery for metallurgy	299	308	402	295	52	107	158	107	2.5	5.0
2924 Machinery for mining & construction	3317	3387	3813	3727	1134	1148	1419	1269	125.4	105.3
2925 Food/beverage/tobacco processing machinery	367	499	490	679	188	240	256	350	12.5	18.6
2926 Machinery for textile, apparel and leather	36	38	40	37	16	17	17	18	0.7	2.0
2927 Weapons and ammunition	698	638	613	729	323	303	281	303	32.7	32.2
2929 Other special purpose machinery	12073	16649	16226	15732	3920	5138	5011	5340	419.1	348.6
2930 Domestic appliances n.e.c.	800	893	1012	1088	238	306	342	382	30.7	44.2
3000 Office, accounting and computing machinery	...	...	...	5829	...	...	...	466	...	42.0
3110 Electric motors, generators and transformers	5177	6010	6283	6492	1674	2050	2302	2290	253.6	262.6
3120 Electricity distribution & control apparatus	2526	2532	3066	3403	978	990	1197	1342	116.9	111.7
3130 Insulated wire and cable	1689	1891	2168	2095	462	544	584	622	87.3	165.8
3140 Accumulators, primary cells and batteries	...	...	...	10	...	...	...	2	...	0.3
3150 Lighting equipment and electric lamps	823	874	908	1069	316	342	373	400	40.7	38.6
3190 Other electrical equipment n.e.c.	1176	1287	1462	1511	476	535	563	565	65.7	83.0
3210 Electronic valves, tubes, etc.	1492	1785	2082	2258	661	781	870	922	321.2	272.7
3220 TV/radio transmitters; line comm. apparatus	24065	28151	38818	56274	7179	8419	12875	20036	1475.1	2075.1
3230 TV and radio receivers and associated goods	1228	1085	1361	1172	245	231	358	317	38.6	26.6
331 Medical, measuring, testing appliances, etc.	5403	6120	7232	7955	2225	2614	2954	3273	316.2	297.3
3311 Medical, surgical and orthopaedic equipment	2195	2449	2998	3556	930	1093	1310	1551	135.5	133.9
3312 Measuring/testing/navigating appliances, etc.	1887	2106	2481	2817	831	987	1119	1194	134.0	132.0
3313 Industrial process control equipment	1320	1565	1754	1582	464	535	525	527	46.8	31.4
3320 Optical instruments & photographic equipment	150	165	194	156	71	79	86	70	17.3	25.6
3330 Watches and clocks	7	5	8	1	3	2	2	-	0.4	0.1
3410 Motor vehicles	1643	1552	1799	1965	556	604	694	799	134.9	86.7
3420 Automobile bodies, trailers & semi-trailers	1726	1961	2241	2678	609	707	792	952	34.5	92.2
3430 Parts/accessories for automobiles	584	551	597	528	233	234	257	225	49.7	29.1
351 Building and repairing of ships and boats	8389	7670	8652	9773	2519	2486	2780	2583	131.4	226.4
3511 Building and repairing of ships	7854	7096	7989	8819	2343	2294	2561	2237	100.2	196.4
3512 Building/repairing of pleasure/sport. boats	536	573	662	954	176	194	219	346	31.2	30.0
3520 Railway/tramway locomotives & rolling stock	795	944	1420	1353	258	342	329	401	15.0	9.7
3530 Aircraft and spacecraft	1052	...	...	...	605	...	...	...	...	...
359 Transport equipment n.e.c.	264	358	287	234	105	118	112	78	19.6	10.2
3591 Motorcycles	1	1	-	1	-	-	-	-	...	...
3592 Bicycles and invalid carriages	222	...	...	204	87	...	...	64	...	7.1
3599 Other transport equipment n.e.c.	41	37	27	29	18	17	14	14	2.4	3.2
3610 Furniture	4460	4561	5035	6112	1929	1987	2225	2452	261.7	329.5
369 Manufacturing n.e.c.	2024	2087	2136	2391	890	916	911	976	96.0	105.7
3691 Jewellery and related articles	455	470	439	462	196	205	174	219	13.5	14.0
3692 Musical instruments	21	34	20	25	6	16	12	13	1.0	1.0
3693 Sports goods	631	712	673	772	259	290	285	300	22.6	28.1
3694 Games and toys	241	156	165	194	103	57	49	54	9.7	8.3
3699 Other manufacturing n.e.c.	675	714	839	938	326	349	390	391	49.2	54.2
3710 Recycling of metal waste and scrap	543	518	548	413	93	81	101	79	14.9	34.8
3720 Recycling of non-metal waste and scrap	26	34	46	46	11	11	12	13	39.0	4.0
D Total manufacturing	380231	392893	436272	475981	119979	120328	135192	149951	24569.4	25073.2

## Finland

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		...	...	...	100	99	100	105	104	108	112	115	116
16	Tobacco products		...	...	...	100	89	89	84	82	75	86	94	...
17	Textiles		...	...	...	100	84	86	87	95	93	97	99	99
18	Wearing apparel, fur		...	...	...	100	76	63	60	66	55	55	54	51
19	Leather, leather products and footwear		...	...	...	100	83	76	71	75	70	68	69	71
20	Wood products (excl. furniture)		...	...	...	100	79	80	92	107	104	107	121	128
21	Paper and paper products		...	...	...	100	98	102	111	123	124	119	136	141
22	Printing and publishing		...	...	...	100	90	85	83	87	91	93	98	101
23	Coke, refined petroleum products, nuclear fuel		...	...	...	100	109	113	115	133	130	139	131	150
24	Chemicals and chemical products		...	...	...	100	98	100	104	118	120	124	132	135
25	Rubber and plastics products		...	...	...	100	87	88	95	104	107	108	115	123
26	Non-metallic mineral products		...	...	...	100	85	74	69	75	75	80	89	93
27	Basic metals		...	...	...	100	99	110	117	126	134	141	150	160
28	Fabricated metal products		...	...	...	100	86	79	85	94	101	106	121	130
29	Machinery and equipment n.e.c.		...	...	...	100	75	73	76	89	109	113	120	120
30	Office, accounting and computing machinery		...	...	...	100	106	172	194	195	190	194	226	216
31	Electrical machinery and apparatus		...	...	...	100	91	98	97	112	119	128	138	148
32	Radio, television and communication equipment		...	...	...	100	86	122	197	301	431	512	648	1047
33	Medical, precision and optical instruments		...	...	...	100	88	88	97	105	120	135	154	158
34	Motor vehicles, trailers, semi-trailers		...	...	...	100	80	81	59	67	78	83	96	104
35	Other transport equipment		...	...	...	100	95	101	95	109	124	116	115	118
36	Furniture; manufacturing n.e.c.		...	...	...	100	87	83	80	88	88	89	95	96
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		94	97	101	100	90	91	96	107	115	118	130	142

## FRANCE

**Supplier of information:**

Service des Etudes et des Statistiques Industrielles (SESSI), Secrétariat d'Etat à l'Industrie , Paris.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.

**Basic source of data:**

Annual Business Survey.

**Major deviations from ISIC (Revision 3):**

Data were originally classified according to NAF-93 (Nomenclature des Activités Françaises) which is fully compatible with NACE (Revision 1) and with ISIC (Revision 3).

**Reference period (if not calendar year):****Scope:**

Kind-of-activity units with 20 or more employees.

**Method of enumeration:**

Questionnaires are distributed by mail.

**Adjusted for non-response:**

Yes.

**Concepts and definitions of variables:**

Number of employees refers to all persons receiving compensation from the enterprise, even if they work in another enterprise and whatever their status is.

Workers from a temporary employment agency are not included.

This number is measured as an annual average over the twelve months of the year.

Part-time employees are counted in proportion to the time they work.

Wages and salaries corresponds to the remuneration paid by the employer during the year to compensate for the work of his employees (excluding interim employed persons and workers on hire). They exclude employer's contributions to social security paid by the employer during the year which have to be specified in statutory arrangements, collectively agreed arrangements or contractual arrangements.

Output corresponds to the total value of goods and services, sold, stocked or immobilized, that have been produced during the year. It excludes resale of goods. Sold products include the margin realized by the enterprises. Immobilized production corresponds to the costs of work done by the enterprise on own account. Stock production and immobilized production are estimated at production cost, excluding deductible VAT and subsidies.

Value added is defined as gross value added at factor costs. It is calculated as production, plus sold goods, less intermediate consumption (which corresponds to purchased goods, materials, fuels and other supplies, plus net change in stocks of goods, materials, fuels and other supplies, plus other external purchases and costs), plus subsidies and less taxes and assimilated payments .

Gross fixed capital formation is the sum of the value of acquisitions (either new or used) and production of fixed capital. It includes fixed assets in progress but excludes intangible and financial assets and equipment financed by leasing. Its valuation is made at acquisition costs.

**Related national publications:**

La situation de l'industrie published by Service des Etudes et des Statistiques Industrielles (SESSI), Paris.



## France

ISIC Revision 3 ISIC Industry	Number of enterprises (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (million FRANCS)						
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		12352	10728	10196	...		30.6	31.1	31.8	...		...	...	...	...
1511 Processing/preserving of meat					...					...					
1512 Processing/preserving of fish					...					...					
1513 Processing/preserving of fruit & vegetables					...					...					
1514 Vegetable and animal oils and fats					...					...					
1520 Dairy products					...					...					
153 Grain mill products; starches; animal feeds					...					...					
1531 Grain mill products					...					...					
1532 Starches and starch products					...					...					
1533 Prepared animal feeds					...					...					
154 Other food products					...					...					
1541 Bakery products		41194	41430	41497	...		130.1	150.1	160.7	...					
1542 Sugar					...					...					
1543 Cocoa, chocolate and sugar confectionery					...					...					
1544 Macaroni, noodles & similar products					...					...					
1549 Other food products n.e.c.					...					...					
155 Beverages					...					...					
1551 Distilling, rectifying & blending of spirits					...					...					
1552 Wines					...					...					
1553 Malt liquors and malt					...					...					
1554 Soft drinks; mineral waters					...					...					
1600 Tobacco products					...					...					
171 Spinning, weaving and finishing of textiles		730	702	671	671		58.0	54.4	52.2	51.7		7325.6	6974.6	6985.3	7024.8
1711 Textile fibre preparation; textile weaving		511	490	465	460		42.6	38.8	37.1	36.8		5280.7	4900.7	4903.8	4912.4
1712 Finishing of textiles		219	212	206	211		15.4	15.5	15.0	14.9		2044.9	2073.9	2081.5	2112.4
172 Other textiles		525	489	495	494		41.3	38.5	37.0	35.8		5204.4	4973.4	4842.8	4847.9
1721 Made-up textile articles, except apparel		197	184	192	192		13.6	12.6	12.8	12.5		1554.8	1446.1	1522.7	1545.6
1722 Carpets and rugs		32	31	29	29		6.2	5.9	4.5	3.0		809.5	823.5	602.2	432.1
1723 Cordage, rope, twine and netting		23	22	23	23		1.3	1.2	1.2	1.2		141.5	141.8	139.3	142.6
1729 Other textiles n.e.c.		273	252	251	250		20.2	18.7	18.6	19.1		2698.6	2561.8	2578.5	2727.7
1730 Knitted and crocheted fabrics and articles		273	236	232	225		26.8	24.3	24.4	23.0		3053.2	2882.4	2941.9	2858.9
1810 Wearing apparel, except fur apparel		1694	1649	1543	1369		106.4	101.3	95.4	90.3		11878.9	11561.6	11120.5	10806.8
1820 Dressing & dyeing of fur; processing of fur		21	20	17	14		0.7	0.8	0.6	0.6		89.4	99.8	88.7	93.6
191 Tanning, dressing and processing of leather		203	191	185	176		14.8	14.5	14.1	13.8		1796.8	1756.6	1803.1	1808.3
1911 Tanning and dressing of leather		53	48	44	42		2.7	2.5	2.3	2.2		336.1	295.4	305.4	301.1
1912 Luggage, handbags, etc.; saddlery & harness		150	143	141	134		12.1	12.0	11.8	11.5		1460.7	1461.2	1497.7	1507.3
1920 Footwear		267	250	238	227		31.9	30.0	28.2	27.0		3385.6	3191.2	3147.8	3058.9
2010 Sawmilling and planing of wood		23	18	16	16		1.3	0.9	0.9	0.7		177.8	138.7	151.3	127.6
202 Products of wood, cork, straw, etc.		645	638	633	641		41.2	39.8	39.6	39.7		4921.5	4873.9	5006.0	5125.0
2021 Veneer sheets, plywood, particle board, etc.		72	75	68	76		9.1	8.4	8.1	8.4		1148.2	1095.5	1122.9	1190.8
2022 Builders' carpentry and joinery		229	237	230	226		16.1	16.3	16.2	15.7		1936.5	1987.4	2028.9	1999.9
2023 Wooden containers		236	218	228	229		10.7	9.7	10.1	10.4		1214.5	1148.8	1210.8	1267.6
2029 Other wood products; articles of cork/straw		108	108	107	110		5.3	5.4	5.3	5.2		622.4	642.1	643.4	666.7
210 Paper and paper products		658	648	660	656		90.8	88.6	87.4	86.2		14568.8	14578.9	14645.1	14647.5
2101 Pulp, paper and paperboard		122	122	122	123		29.9	29.3	28.2	28.3		5303.4	5301.8	5271.3	5303.2
2102 Corrugated paper and paperboard		355	343	357	348		39.5	38.5	38.4	37.7		5863.7	5865.6	5921.8	5934.2
2109 Other articles of paper and paperboard		181	183	181	185		21.4	20.8	20.7	20.3		3401.7	3411.5	3452.0	3410.1
221 Publishing		622	650	599	635		68.6	65.3	64.3	64.3		15023.5	15236.9	15467.9	15816.1
2211 Publishing of books and other publications		167	171	152	168		15.9	15.0	13.9	13.7		3046.2	2982.0	2996.8	3013.6
2212 Publishing of newspapers, journals, etc.		414	429	405	415		49.2	46.7	46.9	46.8		11195.0	11396.4	11562.6	11826.5
2213 Publishing of recorded media		24	31	24	30		2.8	2.9	2.8	3.0		668.7	733.8	800.4	851.3
2219 Other publishing		17	19	18	22		0.8	0.8	0.7	0.8		113.6	124.7	108.0	124.7

222 Printing and related service activities	1371	1312	1266	1206	76.9	75.5	74.9	73.7	12270.0	12199.8	12320.1	12219.3
2221 Printing	1042	1028	995	947	62.1	61.9	61.2	60.3	9976.8	10053.7	10153.6	10150.5
2222 Service activities related to printing	329	284	271	259	14.8	13.6	13.7	13.4	2293.2	2146.0	2166.5	2068.8
2230 Reproduction of recorded media	19	18	19	21	2.2	2.1	2.4	2.6	294.4	284.9	343.3	378.8
2310 Coke oven products	a/ 11	9	9	10	a/ 11.9	11.4	11.1	11.4	a/ 2526.6	2487.0	2500.4	2630.6
2320 Refined petroleum products	53	51	51	51	21.4	19.9	18.9	18.0	5917.2	5694.4	5576.3	5543.5
2330 Processing of nuclear fuel	a/ .....	.....	.....	.....	a/ .....	.....	.....	.....	a/ .....	.....	.....	.....
241 Basic chemicals	272	281	283	287	75.2	74.0	73.5	73.1	15706.4	15998.1	16219.6	16210.0
2411 Basic chemicals, except fertilizers	142	148	151	153	50.8	49.8	50.9	50.7	10703.9	10909.4	11453.2	11393.5
2412 Fertilizers and nitrogen compounds	45	44	44	45	6.9	6.9	6.7	6.7	1247.3	1288.0	1269.1	1284.7
2413 Plastics in primary forms; synthetic rubber	85	89	88	89	17.5	17.4	15.9	15.7	3755.3	3800.7	3497.3	3531.9
242 Other chemicals	911	891	893	927	192.8	190.9	193.5	196.2	40241.8	40286.7	42585.1	44189.7
2421 Pesticides and other agro-chemical products	29	32	30	30	6.9	6.5	6.9	6.7	1697.2	1605.9	1760.0	1782.6
2422 Paints, varnishes, printing ink and mastics	157	153	150	157	19.2	18.7	18.1	17.8	3508.1	3422.0	3452.0	3513.3
2423 Pharmaceuticals, medicinal chemicals, etc.	281	268	271	280	86.2	84.8	90.3	92.7	19017.7	18838.7	21095.8	22265.1
2424 Soap, cleaning & cosmetic preparations	271	274	275	280	49.8	50.0	50.4	49.8	9963.0	10166.2	10557.7	10522.7
2429 Other chemical products n.e.c.	173	164	167	180	30.7	30.9	27.9	29.2	6055.9	6254.0	5729.7	6105.9
2430 Man-made fibres	13	12	12	12	2.8	2.4	2.4	2.4	457.5	409.0	429.2	403.9
251 Rubber products	168	163	170	174	68.1	67.5	67.3	67.5	10196.8	10337.2	10614.0	10918.8
2511 Rubber tyres and tubes	22	21	24	26	41.3	41.1	40.8	40.4	6483.4	6602.1	6715.7	6845.4
2519 Other rubber products	146	142	146	148	26.7	26.4	26.5	27.1	3713.4	3735.1	3898.3	4073.4
2520 Plastic products	1244	1256	1278	1291	117.7	118.5	120.8	128.5	16113.8	16414.0	17558.3	18993.6
2610 Glass and glass products	197	198	195	197	50.4	49.1	48.8	48.8	8011.7	8030.3	8199.0	8264.3
269 Non-metallic mineral products n.e.c.	742	720	724	729	79.0	79.3	76.3	74.8	12148.3	12295.8	12364.0	12359.6
2691 Pottery, china and earthenware	109	101	99	101	12.9	14.0	12.2	11.7	1571.1	1581.6	1617.8	1590.9
2692 Refractory ceramic products	28	27	27	27	4.9	5.0	5.0	4.9	845.4	881.8	913.4	903.9
2693 Struct.non-refractory clay; ceramic products	63	63	63	63	9.7	9.4	9.1	8.8	1359.6	1357.8	1322.4	1309.1
2694 Cement, lime and plaster	b/ 395	386	385	381	b/ 38.2	37.3	36.2	35.9	b/ 6117.2	6094.5	6078.2	6113.3
2695 Articles of concrete, cement and plaster	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2696 Cutting, shaping & finishing of stone	b/ 103	102	104	103	b/ 4.5	4.4	4.3	4.3	b/ 579.9	572.5	568.8	566.4
2699 Other non-metallic mineral products n.e.c.	44	41	46	54	8.8	9.1	9.5	9.2	1675.1	1807.6	1863.4	1876.0
2710 Basic iron and steel	147	150	149	145	68.1	67.9	65.7	63.9	13154.9	12757.5	12813.0	12531.4
2720 Basic precious and non-ferrous metals	94	96	91	86	25.2	24.7	23.7	22.9	4455.6	4530.9	4577.1	4473.3
273 Casting of metals	248	235	234	232	34.2	33.5	33.3	34.3	4457.2	4462.5	4578.3	4779.6
2731 Casting of iron and steel	110	104	103	101	20.1	19.3	19.1	19.4	2682.3	2614.4	2652.4	2748.7
2732 Casting of non-ferrous metals	138	131	131	131	14.1	14.1	14.3	14.9	1774.9	1848.1	1925.9	2031.0
281 Struct.metal products;tanks;steam generators	1477	1443	1494	1477	99.3	98.0	99.0	96.5	14859.8	14831.8	15258.2	15023.9
2811 Structural metal products	494	493	491	507	30.3	30.2	29.4	29.4	4151.7	4131.6	4165.4	4149.6
2812 Tanks, reservoirs and containers of metal	101	87	88	82	13.7	12.4	13.3	12.4	2007.5	1870.7	2024.1	1939.9
2813 Steam generators	882	863	915	888	55.3	55.4	56.2	54.7	8700.6	8829.4	9068.7	8934.4
289 Other metal products; metal working services	2933	3015	3083	3103	197.9	201.2	205.9	207.4	27809.6	28874.4	30269.8	31124.5
2891 Metal forging/pressing/stamping/roll-forming	436	449	463	465	37.8	38.5	41.6	40.2	5164.2	5376.4	5908.9	5891.1
2892 Treatment & coating of metals	1582	1658	1720	1721	74.1	77.4	81.0	82.8	10492.5	11154.0	11858.8	12404.1
2893 Cutlery, hand tools and general hardware	391	394	402	406	31.0	31.1	31.1	31.3	4322.6	4428.4	4596.7	4703.0
2899 Other fabricated metal products n.e.c.	524	514	498	511	55.0	54.3	52.2	53.1	7830.4	7915.6	7905.4	8126.3
291 General purpose machinery	1012	1079	1123	1143	136.3	140.0	139.9	142.5	22382.3	23383.4	23933.8	24954.3
2911 Engines & turbines(not for transport equip.)	21	20	18	20	11.6	11.3	10.5	9.5	2077.0	2078.1	2003.8	1922.1
2912 Pumps, compressors, taps and valves	261	258	264	269	33.6	34.3	34.2	36.1	5425.7	5630.8	5722.4	6255.4
2913 Bearings, gears, gearing & driving elements	87	86	83	82	17.8	17.7	17.6	18.3	2862.4	2927.6	2992.2	3144.0
2914 Ovens, furnaces and furnace burners	34	36	36	33	3.6	3.0	2.7	2.4	698.2	546.8	528.6	499.0
2915 Lifting and handling equipment	267	263	275	281	34.7	34.6	34.7	35.5	5626.1	5746.4	5840.4	6080.8
2919 Other general purpose machinery	342	416	447	458	34.9	39.2	40.3	40.7	5692.9	6453.7	6846.5	7052.9
292 Special purpose machinery	1056	1043	1043	1027	85.2	85.0	84.8	84.9	14002.4	14275.8	14415.2	14801.6
2921 Agricultural and forestry machinery	185	188	204	205	14.1	14.6	15.7	16.2	1987.9	2088.8	2286.7	2446.7
2922 Machine tools	162	162	169	161	13.7	13.5	13.6	12.9	2307.0	2320.5	2332.2	2307.4
2923 Machinery for metallurgy	8	9	10	9	2.1	2.2	2.3	2.0	444.6	439.8	436.9	408.4
2924 Machinery for mining & construction	95	94	84	85	13.4	12.8	12.0	12.2	2290.7	2291.4	2100.5	2216.3
2925 Food/beverage/tobacco processing machinery	167	149	147	150	11.8	11.1	11.0	11.4	1861.8	1778.3	1819.2	1881.5
2926 Machinery for textile, apparel and leather	44	38	34	33	5.7	5.3	5.2	5.2	938.0	901.1	923.8	947.3
2927 Weapons and ammunition	10	10	11	10	0.7	0.8	0.8	0.8	100.3	118.9	120.1	117.7
2929 Other special purpose machinery	385	393	384	374	23.7	24.5	24.2	24.2	4072.3	4337.0	4395.9	4476.2
2930 Domestic appliances n.e.c.	78	74	69	67	30.8	29.8	27.6	26.3	4065.8	4055.7	3918.5	3788.3

continued

## France

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million FRANCS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		88	73	76	75		40.6	36.2	37.4	43.1		10851.7	10493.0	10242.5	11978.8
3110 Electric motors, generators and transformers		182	157	162	167		23.8	22.7	22.9	22.8		3606.7	3505.5	3630.7	3795.2
3120 Electricity distribution & control apparatus		251	247	247	246		62.5	62.3	61.9	63.7		10629.8	10940.5	11103.5	11441.6
3130 Insulated wire and cable		63	61	51	55		18.8	16.4	15.7	15.9		3123.4	2776.2	2780.9	2932.6
3140 Accumulators, primary cells and batteries		15	13	15	14		8.4	7.9	7.5	7.2		1355.5	1352.5	1382.0	1344.8
3150 Lighting equipment and electric lamps		108	102	100	103		11.5	11.1	11.1	11.4		1673.9	1644.2	1660.3	1776.5
3190 Other electrical equipment n.e.c.		137	155	148	156		27.3	30.7	31.4	31.5		4098.9	4765.7	5008.3	5143.1
3210 Electronic valves, tubes, etc.		332	340	337	346		70.0	70.4	69.0	71.3		13284.4	13935.7	13797.7	14445.9
3220 TV/radio transmitters; line comm. apparatus		221	208	208	203		60.8	66.1	64.6	66.4		12947.9	14640.1	14763.1	15953.7
3230 TV and radio receivers and associated goods		53	53	54	54		14.9	16.2	18.0	15.9		2133.8	2466.1	2565.7	2507.0
331 Medical, measuring, testing appliances, etc.		700	700	709	708		65.3	63.6	63.5	64.4		11612.9	11422.2	11854.2	12104.7
3311 Medical, surgical and orthopaedic equipment		219	229	232	234		21.2	21.9	21.8	22.3		3705.7	3837.0	3991.3	4156.6
3312 Measuring/testing/navigating appliances, etc.		295	294	292	286		30.7	29.3	29.4	29.7		5500.8	5429.0	5644.4	5653.9
3313 Industrial process control equipment		186	177	185	188		13.4	12.3	12.2	12.4		2406.4	2156.3	2218.4	2294.2
3320 Optical instruments & photographic equipment		106	100	98	98		13.5	13.1	12.3	12.6		2000.9	1952.0	1881.3	1959.6
3330 Watches and clocks		64	63	59	53		5.4	4.9	4.8	4.4		723.6	666.4	665.3	631.6
3410 Motor vehicles		45	49	55	53		184.4	183.5	172.1	162.0		30001.5	30977.9	30689.2	30129.8
3420 Automobile bodies, trailers & semi-trailers		255	245	251	260		20.6	20.2	20.5	21.9		2689.9	2709.6	2770.1	3038.3
3430 Parts/accessories for automobiles		241	228	225	223		85.4	79.3	77.6	77.2		12822.3	12244.5	12395.1	12899.5
351 Building and repairing of ships and boats		97	87	88	93		14.2	14.1	13.6	13.4		2012.7	2001.2	1997.0	2083.8
3511 Building and repairing of ships		60	55	56	55		10.1	10.3	9.8	8.9		1515.1	1547.7	1520.3	1498.9
3512 Building/repairing of pleasure/sport. boats		37	32	32	38		4.1	3.8	3.8	4.5		497.6	453.5	476.7	584.9
3520 Railway/tramway locomotives & rolling stock		38	40	41	37		15.6	15.6	15.3	14.2		2627.9	2708.7	2723.4	2692.1
3530 Aircraft and spacecraft		93	91	99	100		82.3	79.3	78.9	78.6		17822.3	18105.2	18466.2	18401.3
359 Transport equipment n.e.c.		61	55	60	57		8.6	8.3	8.8	8.4		1165.6	1150.6	1227.5	1219.5
3591 Motorcycles		13	9	10	...		3.4	3.1	3.3	...		463.1	454.3	491.8	...
3592 Bicycles and invalid carriages		32	31	34	...		3.8	3.7	3.9	...		491.7	481.7	515.3	...
3599 Other transport equipment n.e.c.		16	15	16	...		1.4	1.4	1.5	...		210.8	214.7	220.3	...
3610 Furniture		750	743	717	693		74.0	73.6	70.3	70.6		9439.2	9531.3	9487.5	9591.1
369 Manufacturing n.e.c.		459	456	453	445		37.6	37.7	36.9	36.3		5164.4	5322.0	5313.1	5291.4
3691 Jewellery and related articles		109	102	99	97		7.8	7.6	7.4	7.4		1163.1	1164.3	1136.2	1162.9
3692 Musical instruments		17	16	18	18		1.5	1.5	1.5	1.5		218.7	221.1	229.3	231.9
3693 Sports goods		63	63	70	66		6.1	6.2	6.6	6.3		878.6	930.0	983.5	984.7
3694 Games and toys		63	70	61	60		5.2	5.3	5.0	4.8		669.0	675.5	675.8	639.0
3699 Other manufacturing n.e.c.		207	205	205	204		17.0	17.1	16.4	16.3		2235.0	2331.1	2288.3	2272.8
3710 Recycling of metal waste and scrap		...	...	...	125		...	...	...	5.3		...	...	...	800.5
3720 Recycling of non-metal waste and scrap		...	...	...	119		...	...	...	6.1		...	...	...	768.9
D Total manufacturing		22066	21803	22231	21792		2963.3	2943.5	2960.3	2733.3		458286.9	463188.3	518344.3	482735.7

a/ 2310 includes 2330.

b/ 2694 includes 2695.

## France

ISIC Revision 3	Output				Value added in factor values				Gross fixed capital formation				
	Note	(million FRANCS)				Note	(million FRANCS)				Note	(million FRANCS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
ISIC Industry													
151 Processed meat, fish, fruit, vegetables, fats		...	...	...	...		...	...	...	...		...	...
1511 Processing/preserving of meat		13631	10635	11787	...		...	...	...	...		...	...
1512 Processing/preserving of fish		...	...	...	...		...	...	...	...		...	...
1513 Processing/preserving of fruit & vegetables		...	...	...	...		...	...	...	...		...	...
1514 Vegetable and animal oils and fats		...	...	...	...		...	...	...	...		...	...
1520 Dairy products		...	...	...	...		...	...	...	...		...	...
153 Grain mill products; starches; animal feeds		...	...	...	...		...	...	...	...		...	...
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...
1533 Prepared animal feeds		...	...	...	...		...	...	...	...		...	...
154 Other food products		...	...	...	...		...	...	...	...		...	...
1541 Bakery products		48155	44239	46638	...		...	...	...	...		...	...
1542 Sugar		...	...	...	...		...	...	...	...		...	...
1543 Cocoa, chocolate and sugar confectionery		...	...	...	...		...	...	...	...		...	...
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...
1549 Other food products n.e.c.		...	...	...	...		...	...	...	...		...	...
155 Beverages		...	...	...	...		...	...	...	...		...	...
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...
1552 wines		...	...	...	...		...	...	...	...		...	...
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...	...
1600 Tobacco products		...	...	...	...		...	...	...	...		...	...
171 Spinning, weaving and finishing of textiles		47082	45330	47937	50593		13630	12459	13066	13095		2012	2085
1711 Textile fibre preparation; textile weaving		36706	34559	36224	38438		9813	8784	9224	9281		1503	1456
1712 Finishing of textiles		10376	10770	11713	12155		3817	3675	3842	3813		510	629
172 Other textiles		28720	28242	27905	29696		9623	9084	9267	9259		1081	1243
1721 Made-up textile articles, except apparel		7909	7441	8170	8612		2725	2522	2713	2779		210	246
1722 Carpets and rugs		4794	5541	3629	3656		1529	1599	1209	854		178	111
1723 Cordage, rope, twine and netting		661	768	822	866		271	257	252	268		15	18
1729 Other textiles n.e.c.		15355	14491	15284	16562		5098	4707	5094	5357		679	868
1730 Knitted and crocheted fabrics and articles		14436	13689	14208	14182		5197	4857	5082	5012		412	423
1810 Wearing apparel, except fur apparel		61805	62323	60941	61539		19572	18946	18195	17950		1115	1051
1820 Dressing & dyeing of fur; processing of fur		530	567	537	454		151	154	137	80		7	4
191 Tanning, dressing and processing of leather		8409	7851	8081	8431		3574	3487	3591	3705		162	191
1911 Tanning and dressing of leather		2242	1838	1977	1934		564	472	489	493		46	40
1912 Luggage, handbags, etc.; saddlery & harness		6168	6013	6104	6497		3010	3015	3103	3213		116	151
1920 Footwear		14592	13321	13150	13696		5851	5355	5201	5090		339	364
2010 Sawmilling and planing of wood		526	349	353	304		290	211	223	186		7	8
202 Products of wood, cork, straw, etc.		32598	31570	33328	36015		9562	9326	9840	10287		1220	1603
2021 Veneer sheets, plywood, particle board, etc.		9326	8468	8968	10312		2319	2074	2282	2525		404	582
2022 Builders' carpentry and joinery		13914	13778	14224	14746		3978	4078	4187	4170		464	631
2023 Wooden containers		6448	6155	6791	7389		2147	2004	2189	2371		254	276
2029 Other wood products; articles of cork/straw		2909	3169	3346	3568		1118	1169	1181	1220		99	114
210 Paper and paper products		111661	101023	104543	106257		31811	28519	30015	30717		4920	6811
2101 Pulp, paper and paperboard		49933	41715	45036	45063		14210	10333	11676	12385		2303	4339
2102 Corrugated paper and paperboard		37504	34708	34243	35334		11583	11390	10986	11076		1599	1530
2109 Other articles of paper and paperboard		24224	24600	25264	25860		6018	6796	7353	7256		1018	941
221 Publishing		83963	88149	87788	91827		31282	32975	33161	33862		1527	1357
2211 Publishing of books and other publications		19427	19789	19595	20363		8091	8463	8048	8196		201	225
2212 Publishing of newspapers, journals, etc.		57260	59880	60204	62986		19048	20039	20786	21319		1234	1023
2213 Publishing of recorded media		6708	7597	7423	7725		3827	4160	4061	4017		56	74
2219 Other publishing		568	882	567	753		316	314	266	330		36	35

continued

## France

ISIC Revision 3 ISIC Industry	Output				Value added in factor values				Gross fixed capital formation				
	Note	(million FRANCS)				Note	(million FRANCS)				Note	(million FRANCS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222 Printing and related service activities		55320	53974	55006	57358		22026	21476	21472	21182		2588	2667
2221 Printing		47482	46708	47684	50103		17974	17763	17707	17633		2188	2286
2222 Service activities related to printing		7838	7266	7322	7255		4052	3713	3765	3549		400	381
2230 Reproduction of recorded media		2085	2428	2454	2606		708	742	848	933		157	304
2310 Coke oven products	a/	30228	32712	32707	31194	a/	12902	14386	14870	14265	a/	3800	3522
2320 Refined petroleum products		204016	230963	241293	216932		12159	16747	13392	11646		3415	3567
2330 Processing of nuclear fuel	a/	...	...	...	...	a/	...	...	...	...	a/	...	...
241 Basic chemicals		156316	160900	170124	162159		47882	42791	47087	45483		8138	9432
2411 Basic chemicals, except fertilizers		100054	104047	113693	109958		34013	29947	34917	34562		4951	6031
2412 Fertilizers and nitrogen compounds		11960	13207	11950	11362		3018	3361	2643	2495		498	433
2413 Plastics in primary forms; synthetic rubber		44301	43646	44481	40839		10851	9483	9527	8426		2689	2968
242 Other chemicals		295666	299179	330650	343802		96851	98376	104515	104312		11624	12649
2421 Pesticides and other agro-chemical products		12959	14555	17850	22569		4327	4382	5558	4376		409	386
2422 Paints, varnishes, printing ink and mastics		20567	19917	20550	20983		7012	6981	7094	6989		658	755
2423 Pharmaceutical, medicinal chemicals, etc.		145262	145647	165791	173712		49299	50808	55193	56560		6372	6708
2424 Soap, cleaning & cosmetic preparations		81284	82847	85375	85686		23203	22909	24472	23689		2518	2487
2429 Other chemical products n.e.c.		35594	36213	41084	40853		13010	13297	12198	12697		1667	2313
2430 Man-made fibres		3293	3115	3682	3914		625	664	773	875		260	178
251 Rubber products		44730	44937	49616	55965		18888	19343	19920	21730		3216	2991
2511 Rubber tyres and tubes		28505	28743	32467	36790		11817	12381	12584	13871		2583	2135
2519 Other rubber products		16226	16193	17149	19175		7071	6962	7335	7859		633	856
2520 Plastic products		93655	93739	102544	113066		32188	32596	33798	37635		5397	7174
2610 Glass and glass products		38336	37473	39006	40589		16061	15651	16038	16425		1782	2347
269 Non-metallic mineral products n.e.c.		69446	67658	68505	71966		28646	27115	27101	28677		4124	4183
2691 Pottery, china and earthenware		5295	5156	5273	5445		2600	2401	2402	2439		169	400
2692 Refractory ceramic products		4137	4428	4274	4093		1834	1999	1997	1813		211	185
2693 Struct.non-refractory clay; ceramic products		6466	6364	6420	6216		3232	3007	2963	3030		727	633
2694 Cement, lime and plaster	b/	44252	42247	42490	45597	b/	16438	15288	15333	16656	b/	2323	2478
2695 Articles of concrete, cement and plaster	b/	...	...	...	...	b/	...	...	...	...	b/	...	...
2696 Cutting, shaping & finishing of stone		2159	2338	2321	2336		990	975	953	980		81	74
2699 Other non-metallic mineral products n.e.c.		7138	7125	7727	8279		3551	3445	3452	3759		613	413
2710 Basic iron and steel		103845	103993	112860	117079		28984	24878	26421	26403		4874	4516
2720 Basic precious and non-ferrous metals		43882	41399	48016	47655		8700	8109	9265	8865		1415	1493
273 Casting of metals		19720	19365	20484	22887		7411	7451	7868	8444		812	1271
2731 Casting of iron and steel		11302	10701	11403	12556		4365	4300	4570	4806		401	636
2732 Casting of non-ferrous metals		8419	8664	9081	10330		3045	3151	3298	3639		411	635
281 Struct.metall products;tanks;steam generators		71395	69193	72012	71488		26114	24451	26843	25208		1719	1709
2811 Structural metal products		24430	24432	24430	25095		7488	7331	7469	7674		625	640
2812 Tanks, reservoirs and containers of metal		10180	9716	10758	10170		3959	3644	4104	3767		369	333
2813 Steam generators		36785	35046	36824	36223		14657	13475	15270	13766		725	735
289 Other metal products; metal working services		125090	129197	138223	148727		51122	51900	56034	57816		6372	7767
2891 Metal forging/pressing/stamping/roll-forming		27893	28831	32449	33708		9300	9307	10920	10772		1340	1698
2892 Treatment & coating of metals		39767	42375	45362	50334		18633	19502	20752	22124		2259	2943
2893 Cutlery, hand tools and general hardware		16092	16546	17131	18164		8140	8073	8424	8777		771	899
2899 Other fabricated metal products n.e.c.		41337	41445	43282	46520		15048	15018	15939	16143		2001	2227
291 General purpose machinery		112673	117005	119962	131630		41470	42462	42847	44910		3475	3910
2911 Engines & turbines(not for transport equip.)		14594	13568	11301	11520		4385	3640	2290	1579		361	241
2912 Pumps, compressors, taps and valves		26793	27431	29079	33712		10086	10259	10959	12018		996	1150
2913 Bearings, gears, gearing & driving elements		11752	12006	12544	13560		5517	5440	5623	5997		707	957
2914 Ovens, furnaces and furnace burners		4067	3471	3143	3209		1154	964	890	908		49	53
2915 Lifting and handling equipment		25777	26541	27615	30539		10149	10432	10788	11732		453	583
2919 Other general purpose machinery		29689	33989	36279	39091		10178	11727	12297	12675		910	926

292 Special purpose machinery	76914	78896	82099	86857	25821	25698	27236	28281	2058	2240
2921 Agricultural and forestry machinery	13904	14897	15898	16269	4232	4437	5008	4896	447	462
2922 Machine tools	10439	10480	10750	11000	3991	3905	4033	4074	248	254
2923 Machinery for metallurgy	2451	2598	2850	2549	708	684	688	627	62	69
2924 Machinery for mining & construction	15101	14380	14550	16434	4031	3904	4048	4666	378	483
2925 Food/beverage/tobacco processing machinery	8075	7910	8246	9328	3060	2976	3183	3434	170	194
2926 Machinery for textile, apparel and leather	5747	5489	6091	6684	1922	1679	1992	2008	192	231
2927 Weapons and ammunition	410	475	485	462	167	192	195	189	22	20
2929 Other special purpose machinery	20786	22667	23227	24132	7708	7922	8088	8387	538	527
2930 Domestic appliances n.e.c.	22302	22808	22569	22759	8074	7789	7923	7354	1042	1212
3000 Office, accounting and computing machinery	71768	69563	72222	77390	23778	22408	21364	24284	1928	2203
3110 Electric motors, generators and transformers	18136	17818	19294	21409	6621	6357	6916	7441	520	585
3120 Electricity distribution & control apparatus	52162	51534	54335	58849	20095	19423	19976	20448	1950	2628
3130 Insulated wire and cable	23306	20012	19868	17683	6309	5803	6077	5415	597	818
3140 Accumulators, primary cells and batteries	7295	7329	7105	7323	2555	2376	2067	1974	420	353
3150 Lighting equipment and electric lamps	8314	7868	7946	8914	3313	3055	3306	3565	376	323
3190 Other electrical equipment n.e.c.	21829	26445	28063	30665	7997	9184	9536	9773	1382	1479
3210 Electronic valves, tubes, etc.	64838	73108	75332	75674	24171	25759	26726	26620	5210	4531
3220 TV/radio transmitters; line comm. apparatus	66297	73159	82252	104003	22614	23254	23829	27808	2278	2808
3230 TV and radio receivers and associated goods	16341	20320	23778	25496	3866	4264	5163	4444	712	615
331 Medical, measuring, testing appliances, etc.	45387	49967	51199	53719	19982	19823	20471	20317	1642	1823
3311 Medical, surgical and orthopaedic equipment	13945	17532	18250	19164	6879	7066	7433	7328	720	833
3312 Measuring/testing/navigating appliances, etc.	21259	22796	23974	24713	9123	9079	9544	9269	707	807
3313 Industrial process control equipment	10183	9639	8975	9842	3980	3677	3494	3720	216	184
3320 Optical instruments & photographic equipment	7956	7885	8634	8634	3501	3342	3429	3479	203	292
3330 Watches and clocks	3059	2980	2698	2693	1339	1184	1147	1120	105	103
3410 Motor vehicles	331726	333828	381906	429345	60029	58934	64629	75717	16558	13823
3420 Automobile bodies, trailers & semi-trailers	15474	15526	15669	18715	4483	4515	4545	5366	348	434
3430 Parts/accessories for automobiles	79632	75591	81910	90272	27360	25895	26483	27066	6101	5223
351 Building and repairing of ships and boats	11613	10313	10333	13459	3424	2910	3057	4174	359	358
3511 Building and repairing of ships	8839	7876	7706	9621	2586	2086	2171	2924	232	177
3512 Building/repairing of pleasure/sport. boats	2774	2437	2628	3839	838	824	886	1250	127	180
3520 Railway/tramway locomotives & rolling stock	11880	13152	13772	14710	4762	4748	4722	3974	334	293
3530 Aircraft and spacecraft	82509	89312	101977	114161	27486	28548	34724	38760	2901	3762
359 Transport equipment n.e.c.	6855	6427	6710	7142	2150	2021	2085	2149	279	255
3591 Motorcycles	3302	3063	3103	...	913	873	823	...	168	...
3592 Bicycles and invalid carriages	2592	2491	2637	...	871	810	895	...	89	...
3599 Other transport equipment n.e.c.	961	873	971	...	366	338	367	...	22	...
3610 Furniture	48737	49685	49825	53852	16849	16740	16625	17248	1568	1647
369 Manufacturing n.e.c.	26186	25674	26999	28899	10160	10153	10128	9894	1109	1241
3691 Jewellery and related articles	5753	5843	5833	7034	2094	1982	2003	2102	105	158
3692 Musical instruments	605	595	670	649	365	369	395	385	33	28
3693 Sports goods	5040	5047	5251	5398	1853	1934	1843	1779	273	241
3694 Games and toys	4068	3986	3810	4127	1327	1296	1300	1287	184	200
3699 Other manufacturing n.e.c.	10721	10203	11435	11691	4521	4572	4588	4342	514	615
3710 Recycling of metal waste and scrap	...	...	...	10769	...	...	...	1713	...	387
3720 Recycling of non-metal waste and scrap	...	...	...	4494	...	...	...	1421	...	366
D Total manufacturing	2994536	3048550	3619644	3439898	920018	908693	1103267	983858	125951	134624

a/ 2310 includes 2330.  
b/ 2694 includes 2695.

## France

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		92	95	97	100	101	102	104	105	108	111	112	114
16	Tobacco products		99	96	97	100	92	97	89	88	85	87	82	81
17	Textiles		105	104	105	100	95	93	87	92	91	86	88	86
18	Wearing apparel, fur		124	112	105	100	94	88	81	81	75	62	56	51
19	Leather, leather products and footwear		109	98	98	100	94	90	85	83	80	73	71	65
20	Wood products (excl. furniture)		90	96	101	100	99	95	88	97	97	95	98	100
21	Paper and paper products		89	94	98	100	103	109	106	113	111	111	117	117
22	Printing and publishing		83	92	97	100	96	93	91	92	94	93	96	104
23	Coke, refined petroleum products, nuclear fuel		93	100	99	100	104	101	105	102	104	109	114	118
24	Chemicals and chemical products		89	94	99	100	101	107	108	115	116	120	127	132
25	Rubber and plastics products		85	91	97	100	99	102	97	105	109	109	112	119
26	Non-metallic mineral products		91	96	97	100	96	90	83	90	93	87	86	87
27	Basic metals		91	98	101	100	97	95	87	96	97	95	103	107
28	Fabricated metal products		89	94	100	100	95	90	83	88	93	90	98	100
29	Machinery and equipment n.e.c.		85	92	96	100	93	89	82	83	87	88	92	94
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus		85	90	96	100	99	98	94	95	98	96	96	101
32	Radio, television and communication equipment		94	94	97	100	99	101	102	113	122	126	138	154
33	Medical, precision and optical instruments		95	98	97	100	95	89	84	82	81	83	92	107
34	Motor vehicles, trailers, semi-trailers		84	92	101	100	97	98	86	99	104	105	114	130
35	Other transport equipment		95	99	104	100	102	93	90	87	75	76	79	82
36	Furniture; manufacturing n.e.c.		88	93	96	100	95	91	84	80	79	76	76	80
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		91	95	99	100	98	96	92	96	98	98	102	107

## GERMANY

<p><b>Supplier of information:</b> Federal Statistical Office (Statistisches Bundesamt), Wiesbaden. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p><b>Basic source of data:</b> Monthly inquiry.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Establishments with 20 or more persons engaged.</p> <p><b>Method of enumeration:</b> Complete enumeration.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of persons engaged</u> refers to annual averages of all persons engaged at the end of the month. Included are working proprietors, active business partners, unpaid family workers, provided they are working for at least one third of the usual working time. Part-time and temporary employees are covered as well as apprentices. Homeworkers are excluded. <u>Wages and salaries</u> covers gross wages and salaries paid excluding employer's contributions to social security. Notably all payments for interim employed persons are included, and contributions to company old-age pensions institutions are excluded. <u>Output</u> relates to turnover from own production based on invoice values. It includes proceeds from goods sold as purchased and from the sale of waste, power and similar items. Proceeds from non-industrial activities (e.g., interest payments, rentals, dividends) are excluded. The value of shipments also excludes value added or turnover taxes but includes excise duties, costs for freight packing, postage and other charges.</p> <p><b>Related national publications:</b> Fachserie 4, Reihe 4.1.1, Beschäftigung, Umsatz und Energieversorgung der Unternehmen und Betriebe im Bergbau und im Verarbeitenden Gewerbe, published by Statistisches Bundesamt, Wiesbaden.</p>
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## Germany

ISIC Revision 3 ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million MARKS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		1918	1907	1800	1718		162.8	162.4	153.6	151.5		6820	6935	6563	6538
1511 Processing/preserving of meat		1474	1469	1365	1290		115.2	114.6	109.9	107.8		4534	4550	4388	4325
1512 Processing/preserving of fish		111	110	103	97		12.1	11.8	11.3	10.7		485	497	480	468
1513 Processing/preserving of fruit & vegetables		294	291	298	297		26.9	28.1	27.0	27.7		1245	1343	1290	1353
1514 Vegetable and animal oils and fats		39	37	34	34		8.5	7.9	5.5	5.3		556	545	405	392
1520 Dairy products		340	325	314	305		49.2	47.0	44.7	43.9		2689	2631	2538	2521
153 Grain mill products; starches; animal feeds		339	331	325	314		21.8	21.8	21.9	21.4		1382	1401	1439	1413
1531 Grain mill products		94	94	92	88		6.8	7.1	7.1	6.9		396	414	411	408
1532 Starches and starch products		19	19	21	20		2.6	2.6	3.0	2.8		189	177	209	201
1533 Prepared animal feeds		226	218	212	206		12.3	12.1	11.8	11.7		797	810	819	804
154 Other food products		2962	3018	2858	2763		254.0	254.7	253.3	252.0		10179	10351	10495	10469
1541 Bakery products		2465	2543	2380	2290		163.9	169.0	168.1	169.5		5261	5456	5535	5565
1542 Sugar		46	46	40	40		8.2	7.6	6.9	7.0		526	514	476	498
1543 Cocoa, chocolate and sugar confectionery		167	161	159	153		36.0	35.0	33.7	32.2		1655	1669	1650	1630
1544 Macaroni, noodles & similar products		35	30	30	31		4.0	2.8	2.7	2.6		213	157	150	167
1549 Other food products n.e.c.		249	238	249	249		41.9	40.3	41.9	40.7		2524	2555	2684	2609
155 Beverages		921	871	836	811		85.4	82.1	77.8	75.3		5131	...	...	4819
1551 Distilling, rectifying & blending of spirits		130	125	119	110		7.9	7.0	6.2	5.7		428	399	349	323
1552 Wines		43	34	28	39		3.5	3.1	2.8	3.1		183	...	...	193
1553 Malt liquors and malt		502	473	459	436		49.5	47.2	44.3	42.6		3126	3063	2923	2856
1554 Soft drinks; mineral waters		246	239	230	226		24.8	24.8	24.5	23.9		1394	1432	1426	1447
1600 Tobacco products		41	36	33	34		14.6	13.8	13.0	12.6		1115	1076	1007	1005
171 Spinning, weaving and finishing of textiles		533	508	463	...		71.2	63.8	59.1	...		3438	...	...	...
1711 Textile fibre preparation; textile weaving		348	332	301	...		50.2	45.3	41.8	...		2416	...	...	...
1712 Finishing of textiles		186	176	162	152		21.0	18.5	17.3	16.1		1022	916	866	814
172 Other textiles		645	637	604	586		55.0	53.6	52.3	52.5		2473	2503	2475	2547
1721 Made-up textile articles, except apparel		337	328	305	287		22.9	21.4	20.3	19.6		893	861	823	817
1722 Carpets and rugs		59	60	57	58		9.5	8.9	8.5	9.0		497	472	453	479
1723 Cordage, rope, twine and netting		20	20	19	17		0.9	1.1	1.0	0.9		32	42	40	42
1729 Other textiles n.e.c.		229	229	223	224		21.6	22.2	22.4	23.0		1051	1128	1159	1209
1730 Knitted and crocheted fabrics and articles		281	257	237	218		25.0	22.2	20.7	18.9		997	910	853	790
1810 Wearing apparel, except fur apparel		1244	1095	928	837		105.4	93.2	83.9	78.6		4058	3760	3497	3359
1820 Dressing & dyeing of fur; processing of fur		12	10	10	9		0.5	0.4	0.5	0.4		20	19	19	19
191 Tanning, dressing and processing of leather		186	166	150	138		12.6	11.2	10.0	9.5		499	460	414	398
1911 Tanning and dressing of leather		36	33	29	29		3.7	3.0	2.5	3.0		183	152	123	156
1912 Luggage, handbags, etc.; saddlery & harness		150	133	121	109		8.8	8.2	7.5	6.4		316	308	291	242
1920 Footwear		199	180	165	161		22.0	20.2	19.0	18.6		981	947	919	937
2010 Sawmilling and planing of wood		923	889	840	797		26.7	25.1	24.5	24.1		1254	1194	1191	1174
202 Products of wood, cork, straw, etc.		1380	1354	1282	1247		103.7	99.0	94.8	92.2		5368	5190	5023	4969
2021 Veneer sheets, plywood, particle board, etc.		153	151	139	133		22.2	21.4	20.7	20.7		1251	1226	1226	1256
2022 Builders' carpentry and joinery		899	893	842	817		63.9	61.1	57.8	55.9		3277	3169	3003	2951
2023 Wooden containers		138	127	124	122		5.4	5.1	5.1	5.2		258	250	248	253
2029 Other wood products; articles of cork/straw		190	183	177	175		12.2	11.4	11.2	10.5		582	545	546	509
210 Paper and paper products		1073	1059	1041	1036		154.7	132.7	148.3	146.0		8916	8962	8886	8942
2101 Pulp, paper and paperboard		212	205	207	206		48.7	27.9	46.2	46.3		3079	3067	3046	3155
2102 Corrugated paper and paperboard		512	502	488	495		55.5	54.4	53.1	52.1		2969	2998	2952	2918
2109 Other articles of paper and paperboard		349	352	346	335		50.6	50.4	49.0	47.6		2868	2897	2888	2869
221 Publishing		822	831	...	...		107.6	112.4	...	...		7433	8117	...	...
2211 Publishing of books and other publications		195	199	202	210		20.9	21.7	23.3	22.7		1364	1479	1594	1590
2212 Publishing of newspapers, journals, etc.		589	598	606	617		84.1	88.1	89.9	92.2		5937	6501	6633	6944
2213 Publishing of recorded media		6	6	...	...		0.5	0.5	...	...		29	26	...	...
2219 Other publishing		33	29	...	...		2.1	2.2	...	...		103	111	...	...

222 Printing and related service activities	2137	2058	2001	1928	155.5	146.3	138.9	135.9	9582	9241	8735	8638
2221 Printing	1673	1614	1565	1510	135.4	126.7	119.5	116.3	8441	8114	7609	7507
2222 Service activities related to printing	464	444	436	418	20.1	19.5	19.4	19.6	1141	1127	1126	1131
2230 Reproduction of recorded media	...	...	...	25	...	0.8	...	5.4	...	...	...	352
2310 Coke oven products	8	8	...	6	2.3	2.2	...	1.9	144	146	...	133
2320 Refined petroleum products	74	72	66	63	23.2	21.2	19.9	18.8	1801	1739	1725	1704
2330 Processing of nuclear fuel	3	3	...	3	1.4	1.1	...	0.9	120	95	...	82
241 Basic chemicals	434	436	451	469	246.9	239.7	226.8	184.2	19625	19646	19877	15397
2411 Basic chemicals, except fertilizers	295	288	...	295	182.1	131.1	...	76.5	14884	10933	...	6399
2412 Fertilizers and nitrogen compounds	21	22	27	22	4.8	4.6	6.7	9.4	295	302	659	645
2413 Plastics in primary forms; synthetic rubber	118	127	...	152	60.0	104.0	...	98.4	4446	8411	...	8353
242 Other chemicals	1237	1236	1215	1211	264.7	255.2	252.6	280.8	18762	18545	18549	21696
2421 Pesticides and other agro-chemical products	24	24	23	22	4.5	4.5	4.4	4.1	353	345	344	340
2422 Paints, varnishes, printing ink and mastics	324	327	316	304	43.9	43.0	42.1	41.7	2867	2895	2909	2943
2423 Pharmaceuticals, medicinal chemicals, etc.	325	327	324	329	102.6	101.8	104.7	133.3	7578	7699	8053	11051
2424 Soap, cleaning & cosmetic preparations	242	244	239	245	61.5	56.2	52.8	52.0	4266	3947	3675	3641
2429 Other chemical products n.e.c.	316	315	312	321	52.2	49.7	48.6	49.6	3698	3659	3568	3721
2430 Man-made fibres	45	44	43	43	24.3	22.7	21.1	19.6	1521	1453	1376	1318
251 Rubber products	292	294	299	291	84.1	78.3	76.9	78.3	5000	4713	4746	4920
2511 Rubber tyres and tubes	43	42	41	38	24.5	24.6	23.6	23.9	1597	1629	1615	1729
2519 Other rubber products	254	252	258	253	59.8	53.7	53.3	54.4	3403	3084	3131	3191
2520 Plastic products	2741	2737	2707	2712	281.0	272.6	269.2	274.7	14778	14613	14639	15159
2610 Glass and glass products	420	425	415	414	68.9	67.0	65.1	64.3	3804	3825	3706	3692
269 Non-metallic mineral products n.e.c.	3363	3404	3368	3362	216.0	203.2	193.3	188.4	12075	11588	11103	11088
2691 Pottery, china and earthenware	206	189	181	175	36.8	32.6	30.7	30.1	1610	1473	1398	1429
2692 Refractory ceramic products	75	73	74	72	9.0	8.8	8.7	8.5	556	547	541	537
2693 Struct.non-refractory clay; ceramic products	250	255	248	241	22.8	22.0	20.3	19.6	1267	1226	1146	1124
2694 Cement, lime and plaster	114	115	114	111	17.4	17.5	17.2	16.3	1145	1169	1164	1125
2695 Articles of concrete, cement and plaster	2272	2315	2312	2304	97.4	90.4	86.2	83.3	5611	5295	5058	4939
2696 Cutting, shaping & finishing of stone	197	199	182	201	8.9	8.7	7.8	7.8	439	427	393	416
2699 Other non-metallic mineral products n.e.c.	249	258	257	258	23.6	23.3	22.4	22.8	1447	1451	1403	1518
2710 Basic iron and steel	455	433	415	405	161.9	150.0	144.4	140.9	9913	9265	9353	9249
2720 Basic precious and non-ferrous metals	225	224	215	213	65.1	62.3	61.4	62.0	4276	4187	4274	4413
273 Casting of metals	460	463	450	452	67.9	67.3	65.6	67.8	3978	3962	3930	4183
2731 Casting of iron and steel	197	209	208	205	38.2	39.2	38.2	39.5	2342	2372	2341	2498
2732 Casting of non-ferrous metals	263	254	243	247	29.7	28.1	27.3	28.3	1636	1590	1589	1685
281 Struct.metall products;tanks;steam generators	2686	2639	2555	2525	219.2	208.0	198.2	197.5	12445	12054	11517	11674
2811 Structural metal products	2166	2124	2059	2029	145.3	136.9	131.9	132.6	7732	7370	7116	7259
2812 Tanks, reservoirs and containers of metal	244	238	232	229	33.1	31.1	30.1	29.7	1950	1856	1813	1821
2813 Steam generators	276	277	264	267	40.9	40.0	36.2	35.1	2763	2828	2588	2594
289 Other metal products; metal working services	4289	4369	4359	4447	394.7	382.7	376.7	394.9	21756	21579	21571	23018
2891 Metal forging/pressing/stamping/roll-forming	596	600	604	629	74.3	70.6	70.5	77.4	4214	4075	4137	4659
2892 Treatment & coating of metals	1081	1170	1198	1253	59.4	61.9	63.3	69.8	3096	3267	3358	3757
2893 Cutlery, hand tools and general hardware	937	921	912	904	113.3	109.7	108.4	112.0	6370	6367	6410	6771
2899 Other fabricated metal products n.e.c.	1675	1678	1645	1661	147.8	140.5	134.5	135.7	8076	7870	7666	7831
291 General purpose machinery	3133	3204	3140	3141	505.0	493.7	476.0	475.2	33006	33244	32503	33272
2911 Engines & turbines(not for transport equip.)	76	73	78	77	43.1	41.9	42.2	42.4	3542	3646	3689	3758
2912 Pumps, compressors, taps and valves	751	734	723	727	131.4	125.7	120.0	121.4	8421	8243	7982	8317
2913 Bearings, gears, gearing & driving elements	312	316	312	316	75.7	77.3	75.9	75.4	4723	4910	4905	5034
2914 Ovens, furnaces and furnace burners	107	105	113	107	13.0	13.1	13.0	12.9	874	931	936	927
2915 Lifting and handling equipment	745	737	730	748	82.4	80.6	77.5	75.5	5392	5422	5266	5288
2919 Other general purpose machinery	1264	1239	1174	1166	159.3	155.2	147.4	147.7	10054	10092	9725	9948
292 Special purpose machinery	3494	3487	3414	3384	471.4	462.2	443.6	442.5	30628	30817	30305	30919
2921 Agricultural and forestry machinery	222	220	206	198	39.6	38.1	36.2	30.2	2439	2399	2339	1841
2922 Machine tools	973	975	941	912	126.4	124.3	118.0	119.0	8224	8314	7992	8290
2923 Machinery for metallurgy	77	75	72	76	13.7	13.5	10.7	10.7	987	1029	892	896
2924 Machinery for mining & construction	297	282	269	253	47.5	44.9	40.7	39.4	3134	3005	2809	2773
2925 Food/beverage/tobacco processing machinery	262	240	232	221	30.5	28.0	26.6	25.2	1974	1869	1796	1750
2926 Machinery for textile, apparel and leather	235	221	214	216	51.7	47.3	44.0	44.1	3258	3065	2941	3037
2927 Weapons and ammunition	35	36	39	39	10.7	11.0	9.6	9.5	699	726	650	655
2929 Other special purpose machinery	1393	1438	1441	1469	151.2	155.2	157.9	164.5	9913	10410	10886	11677
2930 Domestic appliances n.e.c.	217	205	201	195	78.9	75.4	72.3	69.2	4703	4648	4551	4457

continued

## Germany

ISIC Revision 3	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million MARKS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
ISIC Industry															
3000 Office, accounting and computing machinery		207	204	213	200		49.7	45.1	45.6	42.2		3911	3800	3608	3261
3110 Electric motors, generators and transformers		521	520	498	492		83.4	76.0	71.0	72.9		4875	4722	4407	4544
3120 Electricity distribution & control apparatus		1037	1026	987	998		249.4	240.6	227.5	225.0		17087	17284	16571	16984
3130 Insulated wire and cable		114	114	116	122		26.2	23.2	22.2	23.0		1624	1489	1457	1532
3140 Accumulators, primary cells and batteries		34	31	29	30		10.6	9.4	8.6	8.4		645	607	547	543
3150 Lighting equipment and electric lamps		301	282	277	273		37.2	35.0	34.7	34.8		2031	2003	2014	2064
3190 Other electrical equipment n.e.c.		405	402	409	421		91.3	88.7	84.7	88.9		5327	5415	5210	5604
3210 Electronic valves, tubes, etc.		264	281	276	272		59.4	61.7	61.4	61.4		3972	4235	4313	4349
3220 TV/radio transmitters; line comm. apparatus		157	139	141	178		55.3	53.4	53.4	56.5		4294	4208	4449	4814
3230 TV and radio receivers and associated goods		181	180	162	165		44.1	37.4	31.3	31.1		2645	2322	2005	2032
331 Medical, measuring, testing appliances, etc.		2093	2093	2074	2080		205.6	196.4	192.1	189.6		12720	12604	12399	12497
3311 Medical, surgical and orthopaedic equipment		1214	1215	1203	1216		88.6	86.0	85.9	83.2		5038	5055	5114	5006
3312 Measuring/testing/navigating appliances, etc.		806	799	788	776		109.6	102.5	98.2	98.4		7153	6941	6657	6833
3313 Industrial process control equipment		73	79	83	88		7.4	8.0	8.1	7.9		529	608	628	658
3320 Optical instruments & photographic equipment		187	181	173	165		31.4	32.6	31.1	29.1		1805	2045	1994	1902
3330 Watches and clocks		73	74	64	57		7.1	6.4	5.6	5.3		386	359	322	308
3410 Motor vehicles		90	92	87	93		399.0	396.3	400.6	425.4		31043	32157	32919	35841
3420 Automobile bodies, trailers & semi-trailers		434	389	358	354		45.9	41.8	41.4	39.1		2447	2267	2333	2220
3430 Parts/accessories for automobiles		585	591	610	625		247.0	246.3	256.3	275.0		16146	16815	17455	18897
351 Building and repairing of ships and boats		112	110	110	109		36.9	32.0	28.4	25.5		2240	1902	1756	1553
3511 Building and repairing of ships		93	87	85	85		34.7	30.0	26.2	23.2		2118	1790	1632	1421
3512 Building/repairing of pleasure/sport. boats		24	23	25	24		2.1	2.0	2.3	2.4		122	112	124	132
3520 Railway/tramway locomotives & rolling stock		158	144	138	131		69.7	61.2	55.4	48.7		3592	3419	3227	3015
3530 Aircraft and spacecraft		85	85	90	95		62.9	59.1	58.6	59.9		5005	4814	4931	5104
359 Transport equipment n.e.c.		78	80	75	73		13.1	12.3	11.5	11.7		695	667	670	703
3591 Motorcycles		9	9	9	10		2.6	2.4	2.5	2.6		184	171	200	219
3592 Bicycles and invalid carriages		56	55	52	50		8.1	7.4	6.6	6.8		387	366	341	356
3599 Other transport equipment n.e.c.		16	16	14	13		2.4	2.4	2.4	2.3		124	130	129	128
3610 Furniture		1734	1693	1600	1512		188.6	179.7	171.7	169.5		9844	9577	9185	9183
369 Manufacturing n.e.c.		815	786	722	...		69.6	66.8	63.2	...		3223	3173	...	...
3691 Jewellery and related articles		156	143	115	...		8.7	7.9	6.9	...		403	379	...	...
3692 Musical instruments		90	88	85	81		5.9	5.7	5.3	5.1		282	277	263	253
3693 Sports goods		57	55	52	52		5.2	5.0	4.6	4.9		250	237	215	237
3694 Games and toys		153	154	138	127		17.1	16.6	15.3	13.4		767	768	729	644
3699 Other manufacturing n.e.c.		359	346	332	328		33.0	31.6	31.1	30.3		1521	1512	1513	1491
3710 Recycling of metal waste and scrap		46	58	70	67		2.8	3.1	3.3	3.3		142	160	164	167
3720 Recycling of non-metal waste and scrap		66	77	94	96		3.7	4.4	4.2	4.2		181	210	207	212
D Total manufacturing		49468	48850	47459	46885		6700.5	6460.1	6267.7	6266.8		406823	404612	398828	407147

## Germany

ISIC Revision 3	Output in producers' prices					Value added					Gross fixed capital formation		
	ISIC Industry	Note	(million MARKS)				Note	(million MARKS)				(million MARKS)	
			1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		60725	63831	65905	64769		...	...	...	...		...	...
1511 Processing/preserving of meat		37618	39688	41475	39003		...	...	...	...		...	...
1512 Processing/preserving of fish		3536	3603	3604	3760		...	...	...	...		...	...
1513 Processing/preserving of fruit & vegetables		11733	12531	12285	13213		...	...	...	...		...	...
1514 Vegetable and animal oils and fats		7838	8009	8541	8793		...	...	...	...		...	...
1520 Dairy products		40031	39794	39396	40111		...	...	...	...		...	...
153 Grain mill products; starches; animal feeds		16011	16653	16672	16085		...	...	...	...		...	...
1531 Grain mill products		4277	4438	4446	4357		...	...	...	...		...	...
1532 Starches and starch products		1797	1991	2056	1967		...	...	...	...		...	...
1533 Prepared animal feeds		9937	10224	10170	9761		...	...	...	...		...	...
154 Other food products		65456	65104	67625	67353		...	...	...	...		...	...
1541 Bakery products		19651	20500	21713	22158		...	...	...	...		...	...
1542 Sugar		7137	6445	6383	6286		...	...	...	...		...	...
1543 Cocoa, chocolate and sugar confectionery		15149	15376	14918	14291		...	...	...	...		...	...
1544 Macaroni, noodles & similar products		1219	991	989	952		...	...	...	...		...	...
1549 Other food products n.e.c.		22300	21792	23622	23666		...	...	...	...		...	...
155 Beverages		43394	...	...	40241		...	...	...	...		...	...
1551 Distilling, rectifying & blending of spirits		7718	7615	6758	6374		...	...	...	...		...	...
1552 Wines		2574	...	...	2824		...	...	...	...		...	...
1553 Malt liquors and malt		20722	20224	20043	19492		...	...	...	...		...	...
1554 Soft drinks; mineral waters		12380	11467	11770	11551		...	...	...	...		...	...
1600 Tobacco products		29918	29633	29593	30053		...	...	...	...		...	...
171 Spinning, weaving and finishing of textiles		15917	...	...	...		...	...	...	...		...	...
1711 Textile fibre preparation; textile weaving		12106	...	...	...		...	...	...	...		...	...
1712 Finishing of textiles		3811	3381	3377	3343		...	...	...	...		...	...
172 Other textiles		11661	12117	12456	13112		...	...	...	...		...	...
1721 Made-up textile articles, except apparel		4240	4153	4127	4261		...	...	...	...		...	...
1722 Carpets and rugs		2526	2386	2379	2621		...	...	...	...		...	...
1723 Cordage, rope, twine and netting		181	210	216	230		...	...	...	...		...	...
1729 Other textiles n.e.c.		4714	5368	5734	6000		...	...	...	...		...	...
1730 Knitted and crocheted fabrics and articles		4559	4485	4057	4008		...	...	...	...		...	...
1810 Wearing apparel, except fur apparel		23456	22401	22483	22555		...	...	...	...		...	...
1820 Dressing & dyeing of fur; processing of fur		61	62	60	53		...	...	...	...		...	...
191 Tanning, dressing and processing of leather		2412	2309	2111	2107		...	...	...	...		...	...
1911 Tanning and dressing of leather		955	876	793	959		...	...	...	...		...	...
1912 Luggage, handbags, etc.; saddlery & harness		1457	1433	1318	1148		...	...	...	...		...	...
1920 Footwear		5952	6236	6505	6590		...	...	...	...		...	...
2010 Sawmilling and planing of wood		7988	7325	7919	8069		...	...	...	...		...	...
202 Products of wood, cork, straw, etc.		24729	23617	24061	24310		...	...	...	...		...	...
2021 Veneer sheets, plywood, particle board, etc.		6565	6458	7067	7516		...	...	...	...		...	...
2022 Builders' carpentry and joinery		14527	13521	13312	13150		...	...	...	...		...	...
2023 Wooden containers		1272	1242	1268	1300		...	...	...	...		...	...
2029 Other wood products; articles of cork/straw		2365	2396	2414	2344		...	...	...	...		...	...
210 Paper and paper products		54033	50319	50445	51544		...	...	...	...		...	...
2101 Pulp, paper and paperboard		23150	20701	22057	23631		...	...	...	...		...	...
2102 Corrugated paper and paperboard		14426	13320	13341	13629		...	...	...	...		...	...
2109 Other articles of paper and paperboard		16457	16298	15047	14284		...	...	...	...		...	...
221 Publishing		35117	38573	...	44729		...	...	...	...		...	...
2211 Publishing of books and other publications		9522	10140	10786	10163		...	...	...	...		...	...
2212 Publishing of newspapers, journals, etc.		25013	27806	31689	33855		...	...	...	...		...	...
2213 Publishing of recorded media		162	162	...	272		...	...	...	...		...	...
2219 Other publishing		420	465	...	439		...	...	...	...		...	...

continued

## Germany

ISIC Revision 3	Output in producers' prices				Value added				Gross fixed capital formation					
	ISIC Industry	Note	(million MARKS)				Note	(million MARKS)				Note	(million MARKS)	
			1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222 Printing and related service activities		32386	31889	29884	31278		...	...	...	...		...	...	
2221 Printing		29463	29021	26963	28258		...	...	...	...		...	...	
2222 Service activities related to printing		2923	2868	2921	3020		...	...	...	...		...	...	
2230 Reproduction of recorded media		...	...	...	704		...	...	...	...		...	...	
2310 Coke oven products		...	...	...	1376		...	...	...	...		...	...	
2320 Refined petroleum products		109300	118433	130189	101452		...	...	...	...		...	...	
2330 Processing of nuclear fuel		...	...	...	517		...	...	...	...		...	...	
241 Basic chemicals		111159	107900	117242	101837		...	...	...	...		...	...	
2411 Basic chemicals, except fertilizers		80665	56926	...	44761		...	...	...	...		...	...	
2412 Fertilizers and nitrogen compounds		2010	2100	2271	2831		...	...	...	...		...	...	
2413 Plastics in primary forms; synthetic rubber		28484	48874	...	54245		...	...	...	...		...	...	
242 Other chemicals		101248	100704	106357	119981		...	...	...	...		...	...	
2421 Pesticides and other agro-chemical products		1878	2033	2232	2382		...	...	...	...		...	...	
2422 Paints, varnishes, printing ink and mastics		16701	16779	17379	17343		...	...	...	...		...	...	
2423 Pharmaceuticals, medicinal chemicals, etc.		35795	37034	40619	53305		...	...	...	...		...	...	
2424 Soap, cleaning & cosmetic preparations		25564	23400	23490	23974		...	...	...	...		...	...	
2429 Other chemical products n.e.c.		21310	21458	22637	22977		...	...	...	...		...	...	
2430 Man-made fibres		7244	7050	7492	6638		...	...	...	...		...	...	
251 Rubber products		21512	20490	21308	21839		...	...	...	...		...	...	
2511 Rubber tyres and tubes		8780	9307	9785	9896		...	...	...	...		...	...	
2519 Other rubber products		12732	11183	11523	11943		...	...	...	...		...	...	
2520 Plastic products		67495	66192	68959	71481		...	...	...	...		...	...	
2610 Glass and glass products		15421	15117	15394	15861		...	...	...	...		...	...	
269 Non-metallic mineral products n.e.c.		58283	55159	54810	53430		...	...	...	...		...	...	
2691 Pottery, china and earthenware		4470	4167	4196	4296		...	...	...	...		...	...	
2692 Refractory ceramic products		2585	2491	2621	2648		...	...	...	...		...	...	
2693 Struct.non-refractory clay; ceramic products		5599	5066	4879	4662		...	...	...	...		...	...	
2694 Cement, lime and plaster		7346	7063	7166	6874		...	...	...	...		...	...	
2695 Articles of concrete, cement and plaster		29425	27701	27104	25925		...	...	...	...		...	...	
2696 Cutting, shaping & finishing of stone		1612	1551	1461	1517		...	...	...	...		...	...	
2699 Other non-metallic mineral products n.e.c.		7246	7120	7383	7508		...	...	...	...		...	...	
2710 Basic iron and steel		58275	51581	55749	57599		...	...	...	...		...	...	
2720 Basic precious and non-ferrous metals		31441	29098	31540	30956		...	...	...	...		...	...	
273 Casting of metals		11895	11753	12622	14229		...	...	...	...		...	...	
2731 Casting of iron and steel		6830	6905	7226	8111		...	...	...	...		...	...	
2732 Casting of non-ferrous metals		5065	4848	5396	6118		...	...	...	...		...	...	
281 Struct.metall products;tanks;steam generators		48486	48493	48456	50004		...	...	...	...		...	...	
2811 Structural metal products		31520	30011	30449	31885		...	...	...	...		...	...	
2812 Tanks, reservoirs and containers of metal		8271	8369	8591	8551		...	...	...	...		...	...	
2813 Steam generators		8695	10113	9416	9568		...	...	...	...		...	...	
289 Other metal products; metal working services		79636	78078	82480	89631		...	...	...	...		...	...	
2891 Metal forging/pressing/stamping/roll-forming		14799	14238	15450	17659		...	...	...	...		...	...	
2892 Treatment & coating of metals		9924	10127	11157	12968		...	...	...	...		...	...	
2893 Cutlery, hand tools and general hardware		21832	21917	23277	25334		...	...	...	...		...	...	
2899 Other fabricated metal products n.e.c.		33081	31796	32596	33670		...	...	...	...		...	...	
291 General purpose machinery		120614	123317	125258	133052		...	...	...	...		...	...	
2911 Engines & turbines(not for transport equip.)		13847	13964	15054	16618		...	...	...	...		...	...	
2912 Pumps, compressors, taps and valves		30968	30702	30760	32376		...	...	...	...		...	...	
2913 Bearings, gears, gearing & driving elements		16849	17492	18503	19008		...	...	...	...		...	...	
2914 Ovens, furnaces and furnace burners		3325	3408	3464	3477		...	...	...	...		...	...	
2915 Lifting and handling equipment		19378	19488	19497	20528		...	...	...	...		...	...	
2919 Other general purpose machinery		36247	38263	37980	41045		...	...	...	...		...	...	

292 Special purpose machinery	109165	113659	120566	127816	...	...	...	...	...	...
2921 Agricultural and forestry machinery	10432	11012	10540	10671	...	...	...	...	...	...
2922 Machine tools	28468	29147	29947	32442	...	...	...	...	...	...
2923 Machinery for metallurgy	3410	3658	3111	3751	...	...	...	...	...	...
2924 Machinery for mining & construction	13305	12596	13586	13375	...	...	...	...	...	...
2925 Food/beverage/tobacco processing machinery	6786	6637	6570	6247	...	...	...	...	...	...
2926 Machinery for textile, apparel and leather	11060	10660	11048	11220	...	...	...	...	...	...
2927 Weapons and ammunition	2214	2286	2359	2429	...	...	...	...	...	...
2929 Other special purpose machinery	33490	37663	43405	47681	...	...	...	...	...	...
2930 Domestic appliances n.e.c.	22931	23206	24608	24381	...	...	...	...	...	...
3000 Office, accounting and computing machinery	28158	26442	27405	27489	...	...	...	...	...	...
3110 Electric motors, generators and transformers	15681	14599	17094	19029	...	...	...	...	...	...
3120 Electricity distribution & control apparatus	68464	72486	59924	62618	...	...	...	...	...	...
3130 Insulated wire and cable	6871	6242	7664	7578	...	...	...	...	...	...
3140 Accumulators, primary cells and batteries	3145	2462	2572	2516	...	...	...	...	...	...
3150 Lighting equipment and electric lamps	9184	9055	9466	9812	...	...	...	...	...	...
3190 Other electrical equipment n.e.c.	20374	22177	21780	25628	...	...	...	...	...	...
3210 Electronic valves, tubes, etc.	10500	11243	19972	21965	...	...	...	...	...	...
3220 TV/radio transmitters, line comm. apparatus	11957	15256	25714	26131	...	...	...	...	...	...
3230 TV and radio receivers and associated goods	17095	12770	12154	12841	...	...	...	...	...	...
331 Medical, measuring, testing appliances, etc.	41908	42491	44741	47512	...	...	...	...	...	...
3311 Medical, surgical and orthopaedic equipment	16968	18013	19025	20392	...	...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	23179	22271	23468	24793	...	...	...	...	...	...
3313 Industrial process control equipment	1761	2207	2248	2327	...	...	...	...	...	...
3320 Optical instruments & photographic equipment	6580	7667	7526	7295	...	...	...	...	...	...
3330 Watches and clocks	1468	1350	1303	1329	...	...	...	...	...	...
3410 Motor vehicles	197704	217160	239458	286787	...	...	...	...	...	...
3420 Automobile bodies, trailers & semi-trailers	10703	9935	12890	12064	...	...	...	...	...	...
3430 Parts/accessories for automobiles	54325	56457	63600	72741	...	...	...	...	...	...
351 Building and repairing of ships and boats	10108	8490	8225	7790	...	...	...	...	...	...
3511 Building and repairing of ships	9796	7357	7779	7090	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats	312	1133	446	700	...	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	6071	5575	6618	6260	...	...	...	...	...	...
3530 Aircraft and spacecraft	13792	16037	20365	21919	...	...	...	...	...	...
359 Transport equipment n.e.c.	3429	3136	3108	3293	...	...	...	...	...	...
3591 Motorcycles	839	819	866	931	...	...	...	...	...	...
3592 Bicycles and invalid carriages	2110	1823	1776	1850	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	480	494	466	512	...	...	...	...	...	...
3610 Furniture	43273	42890	42055	43736	...	...	...	...	...	...
369 Manufacturing n.e.c.	12715	12820	...	...	...	...	...	...	...	...
3691 Jewellery and related articles	1626	1597	...	...	...	...	...	...	...	...
3692 Musical instruments	675	756	716	694	...	...	...	...	...	...
3693 Sports goods	1092	1053	1048	1046	...	...	...	...	...	...
3694 Games and toys	3190	3271	3072	2708	...	...	...	...	...	...
3699 Other manufacturing n.e.c.	6132	6143	6511	6845	...	...	...	...	...	...
3710 Recycling of metal waste and scrap	1269	1281	1922	1852	...	...	...	...	...	...
3720 Recycling of non-metal waste and scrap	846	905	950	966	...	...	...	...	...	...
D Total manufacturing	2046645	2063339	2174872	2247538	...	...	...	...	...	...

## Germany

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
15	Food and beverages	...	...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles	...	...	...	...	...	...	...	...	...	...	...	...
18	Wearing apparel, fur	...	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products	...	...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products	...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
27	Basic metals	...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products	...	...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	...	...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	...	...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	...	...	...	...	...	...	...	...	...	...

## GUATEMALA

<p><b>Supplier of information:</b> Instituto Nacional de Estadística, Ministerio de Economía, Guatemala.</p> <p><b>Basic source of data:</b> Quarterly survey of the manufacturing industry.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Establishments with 20 or more persons engaged.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> No.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of persons engaged</u> is the average of the numbers at the end of each quarter. <u>Wages and salaries</u> includes severance and termination pay and refers to administrative workers only. <u>Output</u> includes the value of (a) goods produced, (b) work performed for others, (c) gross revenues from goods shipped in the same condition as received, (d) electricity sold and (e) other receipts.</p> <p><b>Related national publications:</b> Encuesta Industrial Trimestral, Estadísticas de Industria, Energía y Minas, EAEF (annual), published by the Instituto Nacional de Estadística, Guatemala.</p>
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## Guatemala

ISIC Revision 2 ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand QUETZALES)			
		1995	1996	1997	1998		1995	1996	1997a/	1998a/		1995	1996	1997	1998
311/2 Food products		94	...	95	103		23986	...	24454	25302		...	...	149630	151557
3111 Slaughtering, preparing & preserving meat		8	...	8	9		2837	...	3261	3366		...	...	24214	24648
3112 Dairy products		8	...	8	8		1128	...	1159	1153		...	...	5259	5960
3113 Canning, preserving of fruits & vegetables		8	...	8	8		1614	...	1600	1599		...	...	12806	14385
3114 Canning, preserving and processing of fish		1	...	1	2		505	...	348	369		...	...	1734	1924
3115 Vegetable and animal oils and fats		3	...	3	6		1242	...	1328	1409		...	...	9179	10140
3116 Grain mill products		14	...	14	15		2335	...	2138	2198		...	...	16596	17936
3117 Bakery products		18	...	18	20		2560	...	2721	2941		...	...	13721	14922
3118 Sugar factories and refineries		15	...	14	14		8336	...	8150	8602		...	...	34312	36095
3119 Cocoa, chocolate and sugar confectionery		6	...	7	7		872	...	1349	1347		...	...	8949	8950
3121 Other food products		10	...	10	10		1863	...	1736	1744		...	...	19067	12622
3122 Prepared animal feeds		3	...	4	4		694	...	664	574		...	...	3793	3975
313 Beverages		17	...	17	19		5214	...	4995	5012		...	...	...	36005
3131 Distilling, rectifying and blending spirits		5	...	5	5		383	...	313	310		...	...	3685	2976
3132 Wine industries		3	...	3	4		155	...	159	190		...	...	883	1067
3133 Malt liquors and malt		3	...	3	3		941	...	854	854		...	...	6928	7058
3134 Soft drinks and carbonated waters		6	...	6	7		3735	...	3669	3658		...	...	...	24894
314 Tobacco		2	...	2	2		771	...	523	556		...	...	9415	8725
321 Textiles		29	...	31	34		7418	...	7594	7483		...	...	33066	35874
3211 Spinning, weaving and finishing textiles		18	...	20	23		6458	...	6648	6544		...	...	28976	31283
3212 Made-up textile goods excl. wearing apparel		5	...	5	4		219	...	212	183		...	...	991	1012
3213 Knitting mills		3	...	3	3		558	...	553	553		...	...	2347	2604
3214 Carpets and rugs		1	...	1	1		21	...	21	21		...	...	63	86
3215 Cordage, rope and twine		2	...	2	3		162	...	160	182		...	...	689	889
3219 Other textiles		-	...	-	-		-	...	-	-		...	...	-	-
322 Wearing apparel, except footwear		14	...	14	17		1991	...	1864	1851		...	...	7139	8921
323 Leather and fur products		8	...	7	14		390	...	367	515		...	...	1797	4395
3231 Tanneries and leather finishing		7	...	6	7		369	...	347	368		...	...	1730	3781
3232 Fur dressing and dyeing industries		-	...	-	-		-	...	-	-		...	...	-	-
3233 Leather prods. excl. wearing apparel		1	...	1	7		21	...	20	147		...	...	67	614
324 Footwear, except rubber or plastic		13	...	14	14		1485	...	1600	1612		...	...	9526	11042
331 Wood products, except furniture		24	...	24	23		2221	...	1510	1443		...	...	6155	8002
3311 Sawmills, planing and other wood mills		18	...	18	16		1273	...	1235	1124		...	...	4963	6579
3312 Wooden and cane containers		3	...	3	1		111	...	108	67		...	...	624	500
3319 Other wood and cork products		3	...	3	6		837	...	167	252		...	...	568	923
332 Furniture and fixtures, excl. metal		8	...	8	10		889	...	768	872		...	...	4804	5908
341 Paper and products		7	...	7	10		1660	...	1465	1549		...	...	9452	10269
3411 Pulp, paper and paperboard articles		2	...	2	3		596	...	584	654		...	...	2557	3345
3412 Containers of paper and paperboard		4	...	5	6		797	...	881	875		...	...	6895	6799
3419 Other pulp, paper and paperboard articles		1	...	-	1		267	...	-	20		...	...	-	125
342 Printing and publishing		13	...	13	15		2183	...	1897	1960		...	...	13203	15580
351 Industrial chemicals		7	...	6	12		932	...	856	980		...	...	15643	18603
3511 Basic chemicals excl. fertilizers		2	...	2	4		183	...	180	222		...	...	576	884
3512 Fertilizers and pesticides		5	...	4	8		749	...	676	758		...	...	15067	17719
3513 Synthetic resins and plastic materials		-	...	-	-		-	...	-	-		...	...	-	-
352 Other chemicals		35	...	38	45		4437	...	4299	4514		...	...	49982	59357
3521 Paints, varnishes and lacquers		9	...	9	9		462	...	441	444		...	...	2738	2949
3522 Drugs and medicines		11	...	12	15		1769	...	1572	1637		...	...	27543	31302
3523 Soap, cleaning preps., perfumes, cosmetics		10	...	10	13		1714	...	1817	1937		...	...	14202	19113
3529 Other chemical products		5	...	7	8		492	...	469	496		...	...	5499	5993
353 Petroleum refineries		1	...	1	1		97	...	92	91		...	...	1795	2395

354 Misc. petroleum and coal products	2	...	2	2	92	...	68	72	...	...	554	640
355 Rubber products	6	...	6	7	1299	...	1285	1290	...	...	15604	33870
3551 Tyres and tubes	1	...	1	1	357	...	331	307	...	...	10212	27692
3559 Other rubber products	5	...	5	6	942	...	954	983	...	...	5392	6178
356 Plastic products	23	...	23	27	2263	...	2190	2194	...	...	12738	14549
361 Pottery, china, earthenware	1	...	1	3	276	...	273	316	...	...	1212	1615
362 Glass and products	1	...	1	2	832	...	745	1002	...	...	6694	17155
369 Other non-metallic mineral products	13	...	14	15	2265	...	2361	2387	...	...	26667	31057
3691 Structural clay products	1	...	2	2	123	...	185	186	...	...	613	776
3692 Cement, lime and plaster	1	...	1	2	1177	...	1150	1166	...	...	16258	19478
3699 Other non-metallic mineral products	11	...	11	11	965	...	1026	1035	...	...	9796	10803
371 Iron and steel	6	...	6	6	2823	...	2694	2696	...	...	13383	14506
372 Non-ferrous metals	1	...	1	1	59	...	47	47	...	...	546	645
381 Fabricated metal products	24	...	25	28	2086	...	2128	2165	...	...	13203	16000
3811 Cutlery, hand tools and general hardware	4	...	4	5	373	...	358	378	...	...	1452	1803
3812 Furniture and fixtures primarily of metal	7	...	7	7	303	...	348	344	...	...	2031	2490
3813 Structural metal products	7	...	7	9	1003	...	966	1009	...	...	7090	8473
3819 Other fabricated metal products	6	...	7	7	407	...	456	434	...	...	2630	3234
382 Non-electrical machinery	6	...	6	7	928	...	885	897	...	...	4404	5654
3821 Engines and turbines	-	...	-	-	-	...	-	-	...	...	-	-
3822 Agricultural machinery and equipment	2	...	2	3	58	...	56	78	...	...	280	424
3823 Metal and wood working machinery	-	...	-	-	-	...	-	-	...	...	-	-
3824 Other special industrial machinery	-	...	-	-	-	...	-	-	...	...	-	-
3825 Office, computing and accounting machinery	1	...	1	1	69	...	67	67	...	...	226	334
3829 Other non-electrical machinery & equipment	3	...	3	3	801	...	762	752	...	...	3898	4896
383 Electrical machinery	9	...	9	9	753	...	679	660	...	...	5178	5708
3831 Electrical industrial machinery	1	...	1	1	105	...	104	104	...	...	917	1089
3832 Radio, television and communication equipm.	3	...	3	3	194	...	172	172	...	...	830	981
3833 Electrical appliances and housewares	-	...	-	-	-	...	-	-	...	...	-	-
3839 Other electrical apparatus and supplies	5	...	5	5	454	...	403	384	...	...	3431	3638
384 Transport equipment	8	...	8	9	1054	...	1046	1048	...	...	5185	5301
3841 Shipbuilding and repairing	-	...	-	-	-	...	-	-	...	...	-	-
3842 Railroad equipment	-	...	-	-	-	...	-	-	...	...	-	-
3843 Motor vehicles	5	...	5	6	660	...	655	657	...	...	3209	3590
3844 Motorcycles and bicycles	3	...	3	3	394	...	391	391	...	...	1976	1711
3845 Aircraft	-	...	-	-	-	...	-	-	...	...	-	-
3849 Other transport equipment	-	...	-	-	-	...	-	-	...	...	-	-
385 Professional and scientific equipment	3	...	3	6	243	...	244	308	...	...	2164	2936
3851 Prof. and scientific equipment n.e.c.	2	...	2	2	222	...	221	221	...	...	2074	2576
3852 Photographic and optical goods	1	...	1	4	21	...	23	87	...	...	90	360
3853 Watches and clocks	-	...	-	-	-	...	-	-	...	...	-	-
390 Other manufacturing industries	9	...	9	10	479	...	463	480	...	...	3331	4051
3901 Jewellery and related articles	2	...	2	2	97	...	100	100	...	...	931	1103
3902 Musical instruments	-	...	-	-	-	...	-	-	...	...	-	-
3903 Sporting and athletic goods	-	...	-	-	-	...	-	-	...	...	-	-
3909 Manufacturing industries, n.e.c.	7	...	7	8	382	...	363	380	...	...	2400	2948
3 Total manufacturing	384	...	391	451	69126	...	67392	69302	...	...	...	530320

a/ Number of employees.

## Guatemala

ISIC Revision 2 ISIC Industry	Output in producers' prices				Value added				Gross fixed capital formation			
	Note	(million QUETZALES)				Note	(thousand QUETZALES)				(thousand QUETZALES)	
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
311/2 Food products		11347.6	...	14530.9	15381.0		...	...	...	...	...	...
3111 Slaughtering, preparing & preserving meat		738.2	...	1015.5	1044.8		...	...	...	...	...	...
3112 Dairy products		382.1	...	452.7	481.7		...	...	...	...	...	...
3113 Canning, preserving of fruits & vegetables		1274.2	...	975.2	963.9		...	...	...	...	...	...
3114 Canning, preserving and processing of fish		102.0	...	128.4	148.2		...	...	...	...	...	...
3115 Vegetable and animal oils and fats		534.8	...	719.9	1235.9		...	...	...	...	...	...
3116 Grain mill products		2540.9	...	3712.4	4104.5		...	...	...	...	...	...
3117 Bakery products		687.8	...	979.2	970.1		...	...	...	...	...	...
3118 Sugar factories and refineries		4045.4	...	4821.4	4510.7		...	...	...	...	...	...
3119 Cocoa, chocolate and sugar confectionery		235.9	...	387.5	401.7		...	...	...	...	...	...
3121 Other food products		556.7	...	738.9	891.5		...	...	...	...	...	...
3122 Prepared animal feeds		249.6	...	599.7	628.1		...	...	...	...	...	...
313 Beverages		2996.8	...	3382.9	3806.8		...	...	...	...	...	...
3131 Distilling, rectifying and blending spirits		521.8	...	649.9	695.4		...	...	...	...	...	...
3132 Wine industries		11.3	...	10.5	14.9		...	...	...	...	...	...
3133 Malt liquors and malt		1035.2	...	1006.1	1058.6		...	...	...	...	...	...
3134 Soft drinks and carbonated waters		1428.5	...	1716.3	2037.9		...	...	...	...	...	...
314 Tobacco		327.9	...	602.5	1157.8		...	...	...	...	...	...
321 Textiles		747.3	...	1182.9	1324.3		...	...	...	...	...	...
3211 Spinning, weaving and finishing textiles		571.2	...	825.1	947.6		...	...	...	...	...	...
3212 Made-up textile goods excl. wearing apparel		93.8	...	231.8	224.4		...	...	...	...	...	...
3213 Knitting mills		67.3	...	97.5	102.8		...	...	...	...	...	...
3214 Carpets and rugs		0.3	...	0.4	0.4		...	...	...	...	...	...
3215 Cordage, rope and twine		14.7	...	28.1	49.1		...	...	...	...	...	...
3219 Other textiles		-	...	-	-		...	...	...	...	...	...
322 Wearing apparel, except footwear		237.2	...	300.3	337.0		...	...	...	...	...	...
323 Leather and fur products		97.0	...	171.2	193.5		...	...	...	...	...	...
3231 Tanneries and leather finishing		83.6	...	153.4	166.0		...	...	...	...	...	...
3232 Fur dressing and dyeing industries		-	...	-	-		...	...	...	...	...	...
3233 Leather prods. excl. wearing apparel		13.4	...	17.8	27.6		...	...	...	...	...	...
324 Footwear, except rubber or plastic		181.6	...	344.5	410.7		...	...	...	...	...	...
331 Wood products, except furniture		256.2	...	368.1	212.2		...	...	...	...	...	...
3311 Sawmills, planing and other wood mills		249.6	...	352.5	197.1		...	...	...	...	...	...
3312 Wooden and cane containers		6.6	...	9.8	5.4		...	...	...	...	...	...
3319 Other wood and cork products		...	...	5.7	9.8		...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		152.3	...	162.0	189.0		...	...	...	...	...	...
341 Paper and products		805.6	...	984.7	974.2		...	...	...	...	...	...
3411 Pulp, paper and paperboard articles		355.1	...	316.2	413.0		...	...	...	...	...	...
3412 Containers of paper and paperboard		371.8	...	668.5	560.4		...	...	...	...	...	...
3419 Other pulp, paper and paperboard articles		78.7	...	-	0.8		...	...	...	...	...	...
342 Printing and publishing		397.2	...	611.7	706.7		...	...	...	...	...	...
351 Industrial chemicals		852.2	...	1107.4	1236.3		...	...	...	...	...	...
3511 Basic chemicals excl. fertilizers		89.2	...	225.3	275.4		...	...	...	...	...	...
3512 Fertilizers and pesticides		763.0	...	882.1	960.9		...	...	...	...	...	...
3513 Synthetic resins and plastic materials		-	...	-	-		...	...	...	...	...	...
352 Other chemicals		2675.2	...	3385.1	4038.4		...	...	...	...	...	...
3521 Paints, varnishes and lacquers		543.3	...	818.6	1097.5		...	...	...	...	...	...
3522 Drugs and medicines		1468.2	...	1660.8	1937.9		...	...	...	...	...	...
3523 Soap, cleaning preps., perfumes, cosmetics		507.6	...	619.5	694.2		...	...	...	...	...	...
3529 Other chemical products		156.1	...	286.2	308.7		...	...	...	...	...	...
353 Petroleum refineries		902.0	...	1221.7	1161.3		...	...	...	...	...	...

354	Misc. petroleum and coal products	137.8	...	178.1	183.5	...	...	...	...	...	...
355	Rubber products	524.0	...	575.2	640.9	...	...	...	...	...	...
3551	Tyres and tubes	405.4	...	348.9	352.2	...	...	...	...	...	...
3559	Other rubber products	118.6	...	226.3	288.8	...	...	...	...	...	...
356	Plastic products	1039.6	...	1307.6	1484.8	...	...	...	...	...	...
361	Pottery, china, earthenware	115.2	...	163.3	325.8	...	...	...	...	...	...
362	Glass and products	378.4	...	191.2	441.0	...	...	...	...	...	...
369	Other non-metallic mineral products	984.9	...	1212.3	1311.3	...	...	...	...	...	...
3691	Structural clay products	26.0	...	28.0	32.7	...	...	...	...	...	...
3692	Cement, lime and plaster	663.3	...	759.6	801.3	...	...	...	...	...	...
3699	Other non-metallic mineral products	295.6	...	424.8	477.3	...	...	...	...	...	...
371	Iron and steel	487.8	...	833.2	902.4	...	...	...	...	...	...
372	Non-ferrous metals	18.1	...	14.9	15.8	...	...	...	...	...	...
381	Fabricated metal products	403.8	...	596.2	749.8	...	...	...	...	...	...
3811	Cutlery, hand tools and general hardware	47.7	...	80.2	92.6	...	...	...	...	...	...
3812	Furniture and fixtures primarily of metal	44.4	...	44.5	49.3	...	...	...	...	...	...
3813	Structural metal products	149.7	...	222.0	258.5	...	...	...	...	...	...
3819	Other fabricated metal products	162.0	...	249.5	349.5	...	...	...	...	...	...
382	Non-electrical machinery	314.9	...	257.0	265.2	...	...	...	...	...	...
3821	Engines and turbines	-	...	-	-	...	...	...	...	...	...
3822	Agricultural machinery and equipment	4.0	...	17.9	28.2	...	...	...	...	...	...
3823	Metal and wood working machinery	-	...	-	-	...	...	...	...	...	...
3824	Other special industrial machinery	-	...	-	-	...	...	...	...	...	...
3825	Office, computing and accounting machinery	2.6	...	3.3	3.5	...	...	...	...	...	...
3829	Other non-electrical machinery & equipment	308.3	...	235.8	233.5	...	...	...	...	...	...
383	Electrical machinery	435.2	...	388.7	426.6	...	...	...	...	...	...
3831	Electrical industrial machinery	127.5	...	57.4	61.4	...	...	...	...	...	...
3832	Radio, television and communication equipm.	49.8	...	50.6	61.3	...	...	...	...	...	...
3833	Electrical appliances and housewares	-	...	-	-	...	...	...	...	...	...
3839	Other electrical apparatus and supplies	257.8	...	280.7	303.9	...	...	...	...	...	...
384	Transport equipment	114.0	...	215.7	219.9	...	...	...	...	...	...
3841	Shipbuilding and repairing	-	...	-	-	...	...	...	...	...	...
3842	Railroad equipment	-	...	-	-	...	...	...	...	...	...
3843	Motor vehicles	29.1	...	99.6	96.5	...	...	...	...	...	...
3844	Motorcycles and bicycles	85.0	...	116.1	123.4	...	...	...	...	...	...
3845	Aircraft	-	...	-	-	...	...	...	...	...	...
3849	Other transport equipment	-	...	-	-	...	...	...	...	...	...
385	Professional and scientific equipment	38.8	...	62.7	52.4	...	...	...	...	...	...
3851	Prof. and scientific equipment n.e.c.	28.7	...	58.3	43.9	...	...	...	...	...	...
3852	Photographic and optical goods	10.1	...	4.4	8.5	...	...	...	...	...	...
3853	Watches and clocks	-	...	-	-	...	...	...	...	...	...
390	Other manufacturing industries	159.8	...	231.9	240.3	...	...	...	...	...	...
3901	Jewellery and related articles	32.7	...	50.5	55.7	...	...	...	...	...	...
3902	Musical instruments	-	...	-	-	...	...	...	...	...	...
3903	Sporting and athletic goods	-	...	-	-	...	...	...	...	...	...
3909	Manufacturing industries, n.e.c.	127.2	...	181.4	184.6	...	...	...	...	...	...
3	Total manufacturing	27128.4	...	34583.8	38389.1	...	...	...	...	...	...

Guatemala

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products		...	...	97	100	103	106	109	113	117	120	...	...
313 Beverages		...	...	98	100	103	107	110	113	117	120	...	...
314 Tobacco		...	...	99	100	100	103	105	105	108	110	...	...
321 Textiles		...	...	98	100	102	106	109	113	115	117	...	...
322 Wearing apparel, except footwear	a/	...	...	98	100	102	105	108	111	113	115	...	...
323 Leather and fur products		...	...	98	100	103	107	109	111	113	114	...	...
324 Footwear, except rubber or plastic	a/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	...	...	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		...	...	98	100	103	106	110	113	116	117	...	...
341 Paper and products		...	...	98	100	102	105	107	109	112	114	...	...
342 Printing and publishing		...	...	98	100	102	105	107	110	112	114	...	...
351 Industrial chemicals	b/	...	...	98	100	102	106	109	113	117	119	...	...
352 Other chemicals	b/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		...	...	99	100	103	106	108	112	116	118	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	c/	...	...	99	100	102	105	109	112	116	117	...	...
362 Glass and products	c/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	c/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	d/	...	...	98	100	103	106	109	113	116	119	...	...
372 Non-ferrous metals	d/	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products	d/	...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	98	100	102	105	108	111	115	118	...	...
383 Electrical machinery	e/	...	...	98	100	101	104	106	109	111	113	...	...
384 Transport equipment		...	...	98	100	102	106	109	112	116	119	...	...
385 Professional and scientific equipment	e/	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	98	100	103	106	109	112	117	119	...	...
3 Total manufacturing		...	...	98	100	102	106	109	112	116	118	...	...

a/ 322 includes 324.  
b/ 351 includes 352.  
c/ 361 includes 362 and 369.  
d/ 371 includes 372 and 381.  
e/ 383 includes 385.

## HAITI

**Supplier of information:**

Institut Haïtien de Statistique et d'Informatique (IHSI), Port-au-Prince.

**Basic source of data:**

Not reported.

**Major deviations from ISIC (Revision 3):**

None reported.

**Reference period (if not calendar year):**

Fiscal year from 1 October to 30 September.

**Scope:**

All registered manufacturing establishments from the private sector.

**Method of enumeration:**

Not reported.

**Adjusted for non-response:**

Not reported.

**Concepts and definitions of variables:**

Output is the production value defined as turnover.

**Related national publications:**

Les établissements économiques par branche d'activités, mai 1999 ; published by the Institut Haïtien de Statistique et d'Informatique (IHSI), Port-au-Prince.

## Haiti

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million GOURDES)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
151 Processed meat, fish, fruit, vegetables, fats	a/	100	103	104	104	a/	5104	5277	5277	5277	a/	71.4	122.9	274.3	277.2
1511 Processing/preserving of meat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1512 Processing/preserving of fish	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1513 Processing/preserving of fruit & vegetables	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1514 Vegetable and animal oils and fats	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1520 Dairy products	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
153 Grain mill products; starches; animal feeds	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
1531 Grain mill products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1532 Starches and starch products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1533 Prepared animal feeds	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
154 Other food products	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
1541 Bakery products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1542 Sugar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1543 Cocoa, chocolate and sugar confectionery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1544 Macaroni, noodles & similar products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1549 Other food products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
155 Beverages	b/	13	16	14	14	b/	1180	1220	1220	1220	b/	33.6	55.9	66.2	80.6
1551 Distilling, rectifying & blending of spirits	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1552 Wines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1553 Malt liquors and malt	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1554 Soft drinks; mineral waters	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1600 Tobacco products	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
171 Spinning, weaving and finishing of textiles	c/	148	211	208	208	c/	5481	5666	5666	5666	c/	285.3	453.3	580.2	917.2
1711 Textile fibre preparation; textile weaving	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1712 Finishing of textiles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
172 Other textiles	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
1721 Made-up textile articles, except apparel	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1722 Carpets and rugs	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1723 Cordage, rope, twine and netting	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1729 Other textiles n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1730 Knitted and crocheted fabrics and articles	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
1810 Wearing apparel, except fur apparel	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
1820 Dressing & dyeing of fur; processing of fur	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
191 Tanning, dressing and processing of leather	d/	11	10	8	8	d/	750	776	776	776	d/	33.2	30.5	10.7	11.1
1911 Tanning and dressing of leather	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1912 Luggage, handbags, etc.; saddlery & harness	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1920 Footwear	d/	...	...	...	...	d/	...	...	...	...	d/	...	...	...	...
2010 Sawmilling and planing of wood	e/	16	9	11	11	e/	98	102	102	102	e/	2.5	1.2	1.5	1.8
202 Products of wood, cork, straw, etc.	e/	...	...	...	...	e/	...	...	...	...	e/	...	...	...	...
2021 Veneer sheets, plywood, particle board, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2022 Builders' carpentry and joinery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2023 Wooden containers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2029 Other wood products; articles of cork/straw	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
210 Paper and paper products	...	2	2	3	3	...	63	65	65	65	...	0.3	0.3	2.5	2.6
2101 Pulp, paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2102 Corrugated paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2109 Other articles of paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
221 Publishing	f/	36	27	37	37	f/	282	292	292	292	f/	9.6	15.8	20.7	28.4
2211 Publishing of books and other publications	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2212 Publishing of newspapers, journals, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2213 Publishing of recorded media	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2219 Other publishing	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

222 Printing and related service activities	f/	...	...	...	...	f/	...	...	...	...	f/	...	...	...	...
2221 Printing		...	...	...	...		...	...	...	...		...	...	...	...
2222 Service activities related to printing		...	...	...	...		...	...	...	...		...	...	...	...
2230 Reproduction of recorded media	f/	...	...	...	...	f/	...	...	...	...	f/	...	...	...	...
2310 Coke oven products		...	...	...	...		...	...	...	...		...	...	...	...
2320 Refined petroleum products		...	...	...	...		...	...	...	...		...	...	...	...
2330 Processing of nuclear fuel		...	...	...	...		...	...	...	...		...	...	...	...
241 Basic chemicals	g/	51	48	42	42	g/	908	874	732	732	g/	26.9	21.7	18.8	26.8
2411 Basic chemicals, except fertilizers		...	...	...	...		...	...	...	...		...	...	...	...
2412 Fertilizers and nitrogen compounds		...	...	...	...		...	...	...	...		...	...	...	...
2413 Plastics in primary forms; synthetic rubber		...	...	...	...		...	...	...	...		...	...	...	...
242 Other chemicals	g/	...	...	...	...	g/	...	...	...	...	g/	...	...	...	...
2421 Pesticides and other agro-chemical products		...	...	...	...		...	...	...	...		...	...	...	...
2422 Paints, varnishes, printing ink and mastics		...	...	...	...		...	...	...	...		...	...	...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		...	...	...	...		...	...	...	...		...	...	...	...
2424 Soap, cleaning & cosmetic preparations		...	...	...	...		...	...	...	...		...	...	...	...
2429 Other chemical products n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
2430 Man-made fibres	g/	...	...	...	...	g/	...	...	...	...	g/	...	...	...	...
251 Rubber products	h/	11	11	11	11	h/	387	348	396	396	h/	19.7	11.8	21.4	22.2
2511 Rubber tyres and tubes		...	...	...	...		...	...	...	...		...	...	...	...
2519 Other rubber products		...	...	...	...		...	...	...	...		...	...	...	...
2520 Plastic products	h/	...	...	...	...	h/	...	...	...	...	h/	...	...	...	...
2610 Glass and glass products	i/	39	32	23	23	i/	975	1001	1008	1008	i/	1.2	1.5	1.1	1.1
269 Non-metallic mineral products n.e.c.	i/	...	...	...	...	i/	...	...	...	...	i/	...	...	...	...
2691 Pottery, china and earthenware		...	...	...	...		...	...	...	...		...	...	...	...
2692 Refractory ceramic products		...	...	...	...		...	...	...	...		...	...	...	...
2693 Struct.non-refractory clay; ceramic products		...	...	...	...		...	...	...	...		...	...	...	...
2694 Cement, lime and plaster		...	...	...	...		...	...	...	...		...	...	...	...
2695 Articles of concrete, cement and plaster		...	...	...	...		...	...	...	...		...	...	...	...
2696 Cutting, shaping & finishing of stone		...	...	...	...		...	...	...	...		...	...	...	...
2699 Other non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
2710 Basic iron and steel	j/	10	7	9	9	j/	751	776	776	776	j/	29.5	49.7	35.9	34.4
2720 Basic precious and non-ferrous metals	j/	...	...	...	...	j/	...	...	...	...	j/	...	...	...	...
273 Casting of metals	j/	...	...	...	...	j/	...	...	...	...	j/	...	...	...	...
2731 Casting of iron and steel		...	...	...	...		...	...	...	...		...	...	...	...
2732 Casting of non-ferrous metals		...	...	...	...		...	...	...	...		...	...	...	...
281 Struct.metal products;tanks;steam generators	j/	...	...	...	...	j/	...	...	...	...	j/	...	...	...	...
2811 Structural metal products		...	...	...	...		...	...	...	...		...	...	...	...
2812 Tanks, reservoirs and containers of metal		...	...	...	...		...	...	...	...		...	...	...	...
2813 Steam generators		...	...	...	...		...	...	...	...		...	...	...	...
289 Other metal products; metal working services	j/	...	...	...	...	j/	...	...	...	...	j/	...	...	...	...
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	...		...	...	...	...		...	...	...	...
2892 Treatment & coating of metals		...	...	...	...		...	...	...	...		...	...	...	...
2893 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...		...	...	...	...
2899 Other fabricated metal products n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
291 General purpose machinery		...	...	...	...		...	...	...	...		...	...	...	...
2911 Engines & turbines(not for transport equip.)		...	...	...	...		...	...	...	...		...	...	...	...
2912 Pumps, compressors, taps and valves		...	...	...	...		...	...	...	...		...	...	...	...
2913 Bearings, gears, gearing & driving elements		...	...	...	...		...	...	...	...		...	...	...	...
2914 Ovens, furnaces and furnace burners		...	...	...	...		...	...	...	...		...	...	...	...
2915 Lifting and handling equipment		...	...	...	...		...	...	...	...		...	...	...	...
2919 Other general purpose machinery		...	...	...	...		...	...	...	...		...	...	...	...
292 Special purpose machinery		...	...	...	...		...	...	...	...		...	...	...	...
2921 Agricultural and forestry machinery		...	...	...	...		...	...	...	...		...	...	...	...
2922 Machine tools		...	...	...	...		...	...	...	...		...	...	...	...
2923 Machinery for metallurgy		...	...	...	...		...	...	...	...		...	...	...	...
2924 Machinery for mining & construction		...	...	...	...		...	...	...	...		...	...	...	...
2925 Food/beverage/tobacco processing machinery		...	...	...	...		...	...	...	...		...	...	...	...
2926 Machinery for textile, apparel and leather		...	...	...	...		...	...	...	...		...	...	...	...
2927 Weapons and ammunition		...	...	...	...		...	...	...	...		...	...	...	...
2929 Other special purpose machinery		...	...	...	...		...	...	...	...		...	...	...	...
2930 Domestic appliances n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...

continued



## Haiti

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million GOURDES)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
ISIC Industry															
3000 Office, accounting and computing machinery		...	...	...	...		...	...	...	...		...	...	...	...
3110 Electric motors, generators and transformers		...	1k/	...	...		...	8k/	...	...		...	0.6k/	...	...
3120 Electricity distribution & control apparatus		...	...k/	...	...		...	...k/	...	...		...	...k/	...	...
3130 Insulated wire and cable		...	...k/	...	...		...	...k/	...	...		...	...k/	...	...
3140 Accumulators, primary cells and batteries		...	...k/	...	...		...	...k/	...	...		...	...k/	...	...
3150 Lighting equipment and electric lamps		...	...k/	...	...		...	...k/	...	...		...	...k/	...	...
3190 Other electrical equipment n.e.c.		...	...k/	...	...		...	...k/	...	...		...	...k/	...	...
3210 Electronic valves, tubes, etc.	m/	11	12	13	13	m/	2007	2979	2975	2975	m/	16.0	14.9	15.5	17.7
3220 TV/radio transmitters; line comm. apparatus	m/	...	...	...	...	m/	...	...	...	...	m/	...	...	...	...
3230 TV and radio receivers and associated goods	m/	...	...	...	...	m/	...	...	...	...	m/	...	...	...	...
331 Medical, measuring, testing appliances, etc.		4n/	4n/	...	...		375n/	...	...	...		22.1n/	1.0n/	...	...
3311 Medical, surgical and orthopaedic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3313 Industrial process control equipment		...	...	...	...		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		...n/	...n/	...	...		...n/	...	...	...		...n/	...n/	...	...
3330 Watches and clocks		...n/	...n/	...	...		...n/	...	...	...		...n/	...n/	...	...
3410 Motor vehicles		...	...	...	...		...	...	...	...		...	...	...	...
3420 Automobile bodies, trailers & semi-trailers		...	...	...	...		...	...	...	...		...	...	...	...
3430 Parts/accessories for automobiles		...	...	...	...		...	...	...	...		...	...	...	...
351 Building and repairing of ships and boats		...	...	...	...		...	...	...	...		...	...	...	...
3511 Building and repairing of ships		...	...	...	...		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		...	...	...	...		...	...	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		...	...	...	...		...	...	...	...		...	...	...	...
3530 Aircraft and spacecraft		...	...	...	...		...	...	...	...		...	...	...	...
359 Transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3591 Motorcycles		...	...	...	...		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		...	...	...	...		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3610 Furniture		74	51	46	46		366	379	379	379		0.8	1.2	1.1	1.4
369 Manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3691 Jewellery and related articles		...	...	...	...		...	...	...	...		...	...	...	...
3692 Musical instruments		...	...	...	...		...	...	...	...		...	...	...	...
3693 Sports goods	p/	5	7	7	7	p/	2494	2786	2785	2785	p/	147.7	15.8	15.2	11.2
3694 Games and toys	p/	...	...	...	...	p/	...	...	...	...	p/	...	...	...	...
3699 Other manufacturing n.e.c.		16	14	17	17		52	49	64	64		0.8	0.4	0.9	1.1
3710 Recycling of metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
3720 Recycling of non-metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
D Total manufacturing		547	565	553	553		21273	22598	22513	22513		700.6	798.7	1066.0	1434.1

a/ 151 includes 1520, 153 and 154.

b/ 155 includes 1600.

c/ 171 includes 172, 1730, 1810 and 1820.

d/ 191 includes 1920.

e/ 2010 includes 202.

f/ 221 includes 222 and 2230.

g/ 241 includes 242 and 2430.

h/ 251 includes 2520.

i/ 2610 includes 269.

j/ 2710 includes 2720, 273, 281 and 289.

k/ 3110 includes 3120, 3130, 3140, 3150 and 3190.

m/ 3210 includes 3220 and 3230.

n/ 331 includes 3320 and 3330.

p/ 3693 includes 3694.

## Haiti

ISIC Revision 3 ISIC Industry	Note	Output (million GOURDES)				Note	Value added (thousand GOURDES)				Note	Gross fixed capital formation (million GOURDES)	
		1994	1995	1996	1997		1994	1995	1996	1997		1996	1997
		151 Processed meat, fish, fruit, vegetables, fats	a/	981.2	1386.3		1985.0	2044.7	...	...		...	...
1511 Processing/preserving of meat	...	...	...	...	...	...	...	...	...	...	...	...	
1512 Processing/preserving of fish	...	...	...	...	...	...	...	...	...	...	...	...	
1513 Processing/preserving of fruit & vegetables	...	...	...	...	...	...	...	...	...	...	...	...	
1514 Vegetable and animal oils and fats	...	...	...	...	...	...	...	...	...	...	...	...	
1520 Dairy products	a/	...	...	...	...	...	...	...	...	...	...	...	
153 Grain mill products; starches; animal feeds	a/	...	...	...	...	...	...	...	...	...	...	...	
1531 Grain mill products	...	...	...	...	...	...	...	...	...	...	...	...	
1532 Starches and starch products	...	...	...	...	...	...	...	...	...	...	...	...	
1533 Prepared animal feeds	...	...	...	...	...	...	...	...	...	...	...	...	
154 Other food products	a/	...	...	...	...	...	...	...	...	...	...	...	
1541 Bakery products	...	...	...	...	...	...	...	...	...	...	...	...	
1542 Sugar	...	...	...	...	...	...	...	...	...	...	...	...	
1543 Cocoa, chocolate and sugar confectionery	...	...	...	...	...	...	...	...	...	...	...	...	
1544 Macaroni, noodles & similar products	...	...	...	...	...	...	...	...	...	...	...	...	
1549 Other food products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	
155 Beverages	b/	527.0	1183.8	639.5	751.1	...	...	...	...	...	...	...	
1551 Distilling, rectifying & blending of spirits	...	...	...	...	...	...	...	...	...	...	...	...	
1552 Wines	...	...	...	...	...	...	...	...	...	...	...	...	
1553 Malt liquors and malt	...	...	...	...	...	...	...	...	...	...	...	...	
1554 Soft drinks; mineral waters	...	...	...	...	...	...	...	...	...	...	...	...	
1600 Tobacco products	b/	...	...	...	...	...	...	...	...	...	...	...	
171 Spinning, weaving and finishing of textiles	c/	947.6	1565.0	2390.5	3647.4	...	...	...	...	...	...	...	
1711 Textile fibre preparation; textile weaving	...	...	...	...	...	...	...	...	...	...	...	...	
1712 Finishing of textiles	...	...	...	...	...	...	...	...	...	...	...	...	
172 Other textiles	c/	...	...	...	...	...	...	...	...	...	...	...	
1721 Made-up textile articles, except apparel	...	...	...	...	...	...	...	...	...	...	...	...	
1722 Carpets and rugs	...	...	...	...	...	...	...	...	...	...	...	...	
1723 Cordage, rope, twine and netting	...	...	...	...	...	...	...	...	...	...	...	...	
1729 Other textiles n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	
1730 Knitted and crocheted fabrics and articles	c/	...	...	...	...	...	...	...	...	...	...	...	
1810 Wearing apparel, except fur apparel	c/	...	...	...	...	...	...	...	...	...	...	...	
1820 Dressing & dyeing of fur; processing of fur	c/	...	...	...	...	...	...	...	...	...	...	...	
191 Tanning, dressing and processing of leather	d/	107.4	121.3	51.7	51.8	...	...	...	...	...	...	...	
1911 Tanning and dressing of leather	...	...	...	...	...	...	...	...	...	...	...	...	
1912 Luggage, handbags, etc.; saddlery & harness	...	...	...	...	...	...	...	...	...	...	...	...	
1920 Footwear	d/	...	...	...	...	...	...	...	...	...	...	...	
2010 Sawmilling and planing of wood	e/	36.3	20.0	24.4	28.4	...	...	...	...	...	...	...	
202 Products of wood, cork, straw, etc.	e/	...	...	...	...	...	...	...	...	...	...	...	
2021 Veneer sheets, plywood, particle board, etc.	...	...	...	...	...	...	...	...	...	...	...	...	
2022 Builders' carpentry and joinery	...	...	...	...	...	...	...	...	...	...	...	...	
2023 Wooden containers	...	...	...	...	...	...	...	...	...	...	...	...	
2029 Other wood products; articles of cork/straw	...	...	...	...	...	...	...	...	...	...	...	...	
210 Paper and paper products	f/	6.3	6.3	27.1	27.6	...	...	...	...	...	...	...	
2101 Pulp, paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...	
2102 Corrugated paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...	
2109 Other articles of paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...	
221 Publishing	f/	75.5	92.2	117.2	154.6	...	...	...	...	...	...	...	
2211 Publishing of books and other publications	...	...	...	...	...	...	...	...	...	...	...	...	
2212 Publishing of newspapers, journals, etc.	...	...	...	...	...	...	...	...	...	...	...	...	
2213 Publishing of recorded media	...	...	...	...	...	...	...	...	...	...	...	...	
2219 Other publishing	...	...	...	...	...	...	...	...	...	...	...	...	

continued

## Haiti

ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	Note	(million GOURDES)				Note	(thousand GOURDES)				(million GOURDES)		
		1994	1995	1996	1997		1994	1995	1996	1997	1996	1997	
ISIC Industry	Note	1994	1995	1996	1997	Note	1994	1995	1996	1997	Note	1996	1997
222 Printing and related service activities	f/	...	...	...	...		...	...	...	...		...	...
2221 Printing		...	...	...	...		...	...	...	...		...	...
2222 Service activities related to printing		...	...	...	...		...	...	...	...		...	...
2230 Reproduction of recorded media	f/	...	...	...	...		...	...	...	...		...	...
2310 Coke oven products		...	...	...	...		...	...	...	...		...	...
2320 Refined petroleum products		...	...	...	...		...	...	...	...		...	...
2330 Processing of nuclear fuel		...	...	...	...		...	...	...	...		...	...
241 Basic chemicals	g/	261.8	206.4	201.2	275.7		...	...	...	...		...	...
2411 Basic chemicals, except fertilizers		...	...	...	...		...	...	...	...		...	...
2412 Fertilizers and nitrogen compounds		...	...	...	...		...	...	...	...		...	...
2413 Plastics in primary forms; synthetic rubber		...	...	...	...		...	...	...	...		...	...
242 Other chemicals	g/	...	...	...	...		...	...	...	...		...	...
2421 Pesticides and other agro-chemical products		...	...	...	...		...	...	...	...		...	...
2422 Paints, varnishes, printing ink and mastics		...	...	...	...		...	...	...	...		...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		...	...	...	...		...	...	...	...		...	...
2424 Soap, cleaning & cosmetic preparations		...	...	...	...		...	...	...	...		...	...
2429 Other chemical products n.e.c.		...	...	...	...		...	...	...	...		...	...
2430 Man-made fibres	g/	...	...	...	...		...	...	...	...		...	...
251 Rubber products	h/	72.1	79.6	105.8	105.9		...	...	...	...		...	...
2511 Rubber tyres and tubes		...	...	...	...		...	...	...	...		...	...
2519 Other rubber products		...	...	...	...		...	...	...	...		...	...
2520 Plastic products	h/	...	...	...	...		...	...	...	...		...	...
2610 Glass and glass products	i/	21.1	45.9	30.9	30.9		...	...	...	...		...	...
269 Non-metallic mineral products n.e.c.	i/	...	...	...	...		...	...	...	...		...	...
2691 Pottery, china and earthenware		...	...	...	...		...	...	...	...		...	...
2692 Refractory ceramic products		...	...	...	...		...	...	...	...		...	...
2693 Struct.non-refractory clay; ceramic products		...	...	...	...		...	...	...	...		...	...
2694 Cement, lime and plaster		...	...	...	...		...	...	...	...		...	...
2695 Articles of concrete, cement and plaster		...	...	...	...		...	...	...	...		...	...
2696 Cutting, shaping & finishing of stone		...	...	...	...		...	...	...	...		...	...
2699 Other non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...		...	...
2710 Basic iron and steel	j/	302.7	491.1	90.5	84.5		...	...	...	...		...	...
2720 Basic precious and non-ferrous metals	j/	...	...	...	...		...	...	...	...		...	...
273 Casting of metals	j/	...	...	...	...		...	...	...	...		...	...
2731 Casting of iron and steel		...	...	...	...		...	...	...	...		...	...
2732 Casting of non-ferrous metals		...	...	...	...		...	...	...	...		...	...
281 Struct.metal products;tanks;steam generators	j/	...	...	...	...		...	...	...	...		...	...
2811 Structural metal products		...	...	...	...		...	...	...	...		...	...
2812 Tanks, reservoirs and containers of metal		...	...	...	...		...	...	...	...		...	...
2813 Steam generators		...	...	...	...		...	...	...	...		...	...
289 Other metal products; metal working services	j/	...	...	...	...		...	...	...	...		...	...
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	...		...	...	...	...		...	...
2892 Treatment & coating of metals		...	...	...	...		...	...	...	...		...	...
2893 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...		...	...
2899 Other fabricated metal products n.e.c.		...	...	...	...		...	...	...	...		...	...
291 General purpose machinery		...	...	...	...		...	...	...	...		...	...
2911 Engines & turbines(not for transport equip.)		...	...	...	...		...	...	...	...		...	...
2912 Pumps, compressors, taps and valves		...	...	...	...		...	...	...	...		...	...
2913 Bearings, gears, gearing & driving elements		...	...	...	...		...	...	...	...		...	...
2914 Ovens, furnaces and furnace burners		...	...	...	...		...	...	...	...		...	...
2915 Lifting and handling equipment		...	...	...	...		...	...	...	...		...	...
2919 Other general purpose machinery		...	...	...	...		...	...	...	...		...	...

292	Special purpose machinery												
2921	Agricultural and forestry machinery												
2922	Machine tools												
2923	Machinery for metallurgy												
2924	Machinery for mining & construction												
2925	Food/beverage/tobacco processing machinery												
2926	Machinery for textile, apparel and leather												
2927	Weapons and ammunition												
2929	Other special purpose machinery												
2930	Domestic appliances n.e.c.												
3000	Office, accounting and computing machinery												
3110	Electric motors, generators and transformers		2.2k/										
3120	Electricity distribution & control apparatus		...k/										
3130	Insulated wire and cable		...k/										
3140	Accumulators, primary cells and batteries		...k/										
3150	Lighting equipment and electric lamps		...k/										
3190	Other electrical equipment n.e.c.		...k/										
3210	Electronic valves, tubes, etc.	m/	52.8	54.4	58.1	64.0							
3220	TV/radio transmitters; line comm. apparatus	m/	...	...	...	...							
3230	TV and radio receivers and associated goods	m/	...	...	...	...							
331	Medical, measuring, testing appliances, etc.		77.8n/	3.6n/	...	47.7n/							
3311	Medical, surgical and orthopaedic equipment		...	...	...	...							
3312	Measuring/testing/navigating appliances,etc.		...	...	...	...							
3313	Industrial process control equipment		...	...	...	...							
3320	Optical instruments & photographic equipment		...n/	...n/	...	...n/							
3330	Watches and clocks		...n/	...n/	...	...n/							
3410	Motor vehicles												
3420	Automobile bodies, trailers & semi-trailers												
3430	Parts/accessories for automobiles												
351	Building and repairing of ships and boats												
3511	Building and repairing of ships												
3512	Building/repairing of pleasure/sport. boats												
3520	Railway/tramway locomotives & rolling stock												
3530	Aircraft and spacecraft												
359	Transport equipment n.e.c.												
3591	Motorcycles												
3592	Bicycles and invalid carriages												
3599	Other transport equipment n.e.c.												
3610	Furniture		9.2	8.2	6.8	8.5							
369	Manufacturing n.e.c.												
3691	Jewellery and related articles												
3692	Musical instruments												
3693	Sports goods	p/	519.4	55.4	53.3	38.0							
3694	Games and toys	p/											
3699	Other manufacturing n.e.c.		2.6	1.6	3.7	4.6							
3710	Recycling of metal waste and scrap												
3720	Recycling of non-metal waste and scrap												
D	Total manufacturing		4001.1	5323.2	5785.7	7365.5							

a/ 151 includes 1520, 153 and 154.  
b/ 155 includes 1600.  
c/ 171 includes 172, 1730, 1810 and 1820.  
d/ 191 includes 1920.  
e/ 2010 includes 202.  
f/ 221 includes 222 and 2230.  
g/ 241 includes 242 and 2430.  
h/ 251 includes 2520.  
i/ 2610 includes 269.  
j/ 2710 includes 2720, 273, 281 and 289.  
k/ 3110 includes 3120, 3130, 3140, 3150 and 3190.  
m/ 3210 includes 3220 and 3230.  
n/ 331 includes 3320 and 3330.  
p/ 3693 includes 3694.

## Haiti

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
15 Food and beverages		...	...	...	...	...	...	...	...	...	...	...	...
16 Tobacco products		95	103	104	100	98	113	73	79	78	78	87	...
17 Textiles		46	40	47	100	...	...	...	...	...	...	...	...
18 Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...	...
19 Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...	...
21 Paper and paper products		...	...	...	...	...	...	...	...	...	...	...	...
22 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
23 Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24 Chemicals and chemical products		153	112	101	100	121	113	110	100	127	225	240	...
25 Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26 Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
27 Basic metals		...	...	...	...	...	...	...	...	...	...	...	...
28 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
29 Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
30 Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...	...
32 Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...	...
35 Other transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37 Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		91	100	98	100	90	55	46	33	39	43	47	45

## INDIA

<p><b>Supplier of information:</b> Central Statistical Organisation, Department of Statistics, Ministry of Planning and Programme Implementation, New Delhi.</p> <p><b>Basic source of data:</b> Annual Survey of Industries.</p> <p><b>Major deviations from ISIC (Revision 2):</b> The Indian industrial classification system is based on the preceding version of the ISIC, but the data have been adjusted by the national authorities to correspond with ISIC (Rev. 2), with three exceptions: the manufacture of inedible oils (part of ISIC 3115) is included in ISIC 352; the manufacture of prime movers, boilers, etc. (part of ISIC 3813) is included in ISIC 382 and the manufacture of electronic computers (part of ISIC 3825) is included in ISIC 383.</p> <p><b>Reference period (if not calendar year):</b> From 1 April of the year indicated to 31 March of the following year. However, individual factory returns for an accounting year ending on any day during the reference period are accepted.</p> <p><b>Scope:</b> Factories using power and employing 10 or more workers on any day of the reference period and all factories employing 20 or more workers. The indices of industrial production for some industries cover only establishments employing plant and machinery worth two million rupees or more.</p> <p><b>Method of enumeration:</b> Factories employing 100 or more workers are completely enumerated. For factories with less than 100 workers, stratified uni-stage sampling is used.</p> <p><b>Adjusted for non-response:</b> No.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of employees</u> is derived by dividing the person days (paid or unpaid) by the number of days during which the factory was either in operation or repair, maintenance and construction activity was carried out. The number of person days for each category is obtained by summing up the number of persons attending each shift over every shift worked on all days (working and non-working). <u>Wages and salaries</u> is compensation of employees. It includes payments to contract labourers and excludes payments in kind. <u>Output</u> is gross output and includes gross revenues from goods shipped in the same condition as received. <u>Value added</u> is total value added and is net of depreciation.</p> <p><b>Related national publications:</b> Annual Survey of Industries, Summary Results for Factory Sector; Supplement to Annual Survey of Industries, Summary Results for Factory Sector by State Industry, all published by Central Statistical Organisation, Department of Statistics, Ministry of Planning and Programme Implementation, New Delhi.</p>
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## India

ISIC Revision 2		Number of establishments				Number of employees				Wages and salaries paid to employees					
		(numbers)				(thousands)				(million RUPEES)					
		Note	1994	1995	1996	1997	Note	1994	1995	1996	1997	Note	1994	1995	1996
311/2 Food products		21127	22878	22025	22803		1205.8	1285.9	1272.2	1333.8		27108	32897	37916	38651
3111 Slaughtering, preparing & preserving meat		29	29	25	30		3.9	3.8	4.4	4.5		162	197	252	300
3112 Dairy products		563	630	695	737		75.9	84.4	81.9	80.1		3487	4326	4616	5187
3113 Canning, preserving of fruits & vegetables		260	289	287	362		17.0	21.0	19.3	28.4		329	456	510	712
3114 Canning, preserving and processing of fish		275	278	288	243		24.1	26.6	26.2	25.2		468	588	696	733
3115 Vegetable and animal oils and fats		3397	3587	3319	3336		108.9	116.6	115.1	117.3		2356	2883	3164	3452
3116 Grain mill products		9798	10702	10042	10628		218.5	251.3	239.3	317.9		2866	3539	3752	4286
3117 Bakery products		785	884	875	907		35.4	39.1	39.8	47.7		1178	1422	1589	1977
3118 Sugar factories and refineries		1261	1285	1256	1199		327.1	341.0	367.2	310.5		11329	13291	16294	13568
3119 Cocoa, chocolate and sugar confectionery		402	161	171	184		27.7	11.2	10.0	9.5		336	298	372	470
3121 Other food products		3996	4692	4722	4768		352.0	375.4	360.3	368.8		4150	5362	5995	7093
3122 Prepared animal feeds		361	341	345	409		15.3	15.5	18.8	23.9		447	535	676	873
313 Beverages		572	684	622	624		62.6	69.5	67.1	61.7		2157	2636	2758	2859
3131 Distilling, rectifying and blending spirits		220	290	248	252		30.2	34.8	29.3	28.3		1038	1297	1223	1304
3132 Wine industries		42	46	42	34		3.5	4.2	4.8	3.4		94	167	224	136
3133 Malt liquors and malt		81	86	89	68		14.7	13.2	14.6	11.8		602	576	621	609
3134 Soft drinks and carbonated waters		229	262	243	270		14.2	17.3	18.4	18.2		423	596	690	810
314 Tobacco		7708	7229	8048	7988		518.2	471.7	517.3	537.7		5528	5207	6901	7562
321 Textiles		15220	16228	15950	16233		1394.8	1579.4	1518.3	1529.1		43251	53655	54180	60065
3211 Spinning, weaving and finishing textiles		12447	13743	13227	13824		1299.4	1486.0	1412.1	1430.7		40844	51036	50809	56570
3212 Made-up textile goods excl. wearing apparel		128	110	131	113		4.7	4.2	5.5	6.1		112	119	173	222
3213 Knitting mills		1669	1507	1631	1380		49.6	49.6	57.7	44.6		1177	1266	1644	1496
3214 Carpets and rugs		233	235	222	199		9.0	9.1	8.1	9.9		211	244	260	457
3215 Cordage, rope and twine		366	311	418	393		17.4	16.7	20.3	23.0		408	486	644	727
3219 Other textiles		377	322	321	324		14.7	13.8	14.6	14.8		499	504	650	593
322 Wearing apparel, except footwear		3292	3463	3711	3177		244.3	263.7	267.0	283.1		4809	6145	6904	8074
323 Leather and fur products		1136	1186	1079	1220		52.6	54.0	48.5	51.8		1232	1374	1359	1599
3231 Tanneries and leather finishing		916	924	842	907		41.3	40.1	37.5	35.5		1022	1085	1129	1162
3232 Fur dressing and dyeing industries		6	3	3	3		0.1	-	0.1	-		1	-	2	-
3233 Leather prods. excl. wearing apparel		214	259	234	310		11.2	13.9	11.0	16.3		209	289	228	437
324 Footwear, except rubber or plastic		460	506	451	423		60.7	63.7	65.5	58.3		1295	1761	1844	1851
331 Wood products, except furniture		3346	3473	3279	3458		64.2	68.1	69.9	66.3		1102	1255	1524	1347
3311 Sawmills, planing and other wood mills		2849	3011	2860	2976		56.8	61.6	63.8	57.6		950	1105	1357	1108
3312 Wooden and cane containers		200	215	181	231		3.2	3.0	2.8	3.0		73	76	80	90
3319 Other wood and cork products		297	247	238	251		4.1	3.5	3.3	5.7		79	74	87	149
332 Furniture and fixtures, excl. metal		285	319	299	328		5.9	7.1	6.6	9.2		149	189	217	305
341 Paper and products		2504	2742	2847	2938		161.4	175.2	181.2	180.7		5971	7389	8038	8422
3411 Pulp, paper and paperboard articles		953	989	1058	1022		123.2	131.2	134.6	127.0		5101	6226	6706	6429
3412 Containers of paper and paperboard		1269	1414	1434	1510		29.0	32.9	35.0	41.5		666	886	1030	1627
3419 Other pulp, paper and paperboard articles		282	339	355	406		9.2	11.1	11.6	12.2		204	277	302	366
342 Printing and publishing		3131	3399	2201	3371		157.9	180.7	152.3	156.0		8597	9440	9596	9813
351 Industrial chemicals		2528	2902	2835	2881		266.9	304.3	293.0	345.5		18508	23695	24594	30865
3511 Basic chemicals excl. fertilizers		1574	1754	1858	1886		99.8	102.8	118.5	164.3		5599	6509	8022	12087
3512 Fertilizers and pesticides		646	753	691	679		101.4	104.5	106.1	104.5		7891	9626	9694	10959
3513 Synthetic resins and plastic materials		308	395	286	316		65.8	97.1	68.4	76.7		5018	7560	6878	7819
352 Other chemicals		5724	6304	6451	6477		405.2	454.2	473.9	440.0		17522	21401	23381	23709
3521 Paints, varnishes and lacquers		1036	1203	1321	1198		46.9	54.2	58.9	56.5		2585	3395	3661	3973
3522 Drugs and medicines		2173	2542	2481	2463		181.5	204.6	216.1	184.8		9941	11206	13211	12363
3523 Soap, cleaning preps., perfumes, cosmetics		757	755	828	956		48.9	50.1	54.5	60.3		1816	2307	2374	2691
3529 Other chemical products		1758	1804	1821	1860		127.9	145.3	144.5	138.4		3180	4493	4135	4682
353 Petroleum refineries		143	161	171	296		30.5	31.1	30.7	32.8		2729	4602	3776	4470

354	Misc. petroleum and coal products	604	553	519	569	41.4	46.4	39.0	35.0	1822	2281	2270	2378
355	Rubber products	2398	2552	2625	2697	131.3	135.0	148.1	145.1	5028	6261	7126	7405
3551	Tyres and tubes	498	547	542	551	67.3	68.2	73.7	61.9	3320	4140	4465	4254
3559	Other rubber products	1900	2005	2083	2146	64.0	66.9	74.5	83.3	1708	2121	2661	3151
356	Plastic products	3330	3665	3853	4046	101.5	116.7	133.2	134.9	2831	3727	5703	5931
361	Pottery, china, earthenware	624	703	674	661	25.7	26.7	26.6	26.6	697	839	950	939
362	Glass and products	616	776	607	572	53.5	60.1	48.6	47.5	1643	2091	2125	2142
369	Other non-metallic mineral products	9377	10067	9998	10159	365.3	394.5	385.0	368.7	10068	11752	13061	13943
3691	Structural clay products	3981	4158	3980	4139	156.5	155.6	153.9	161.7	2640	2893	3278	4165
3692	Cement, lime and plaster	763	872	949	888	92.2	106.8	107.8	95.4	4225	5369	6141	6198
3699	Other non-metallic mineral products	4633	5037	5069	5132	116.5	132.0	123.4	111.6	3203	3490	3642	3580
371	Iron and steel	3379	3519	4006	3760	452.2	507.7	461.3	462.3	25458	32898	32539	36657
372	Non-ferrous metals	2994	3301	3434	3157	179.1	228.7	197.8	204.3	7099	12048	9640	11453
381	Fabricated metal products	7287	7984	8176	8213	244.1	277.7	300.2	278.8	8982	11605	12772	13599
3811	Cutlery, hand tools and general hardware	2673	2901	2926	3015	70.4	81.4	81.2	83.3	2254	2956	3112	3644
3812	Furniture and fixtures primarily of metal	349	369	356	355	11.7	14.3	12.5	17.8	952	1264	1148	1240
3813	Structural metal products	1064	1104	1189	1242	53.6	55.8	52.4	54.2	2063	2414	2371	3055
3819	Other fabricated metal products	3201	3610	3705	3601	108.4	126.2	154.1	123.5	3713	4971	6141	5660
382	Non-electrical machinery	8521	9075	9258	8581	477.1	548.4	538.9	484.5	23506	31886	35312	34277
3821	Engines and turbines	759	826	808	786	56.5	85.1	74.1	61.4	3229	5985	5924	5098
3822	Agricultural machinery and equipment	803	856	773	853	43.0	47.6	44.9	48.5	2549	3394	3575	4242
3823	Metal and wood working machinery	1148	1215	1205	1150	47.4	55.6	53.0	44.0	2243	3099	3254	2965
3824	Other special industrial machinery	2843	2971	3015	2559	154.8	166.1	166.6	125.1	6801	8294	9728	7904
3825	Office, computing and accounting machinery	247	306	237	256	24.1	26.0	25.3	28.5	1359	1442	1661	1837
3829	Other non-electrical machinery & equipment	2721	2901	3220	2977	151.4	168.1	175.0	177.0	7325	9672	11170	12231
383	Electrical machinery	5385	5472	5949	5634	417.7	443.7	433.9	426.7	21714	28078	27661	31517
3831	Electrical industrial machinery	2031	2048	2284	2247	167.7	165.6	159.5	175.5	10176	13389	11843	15272
3832	Radio, television and communication equipm.	1336	1228	1416	1300	133.3	143.6	145.1	133.3	6368	8170	9187	9453
3833	Electrical appliances and housewares	604	648	694	610	25.4	30.9	28.3	22.1	826	1263	1229	861
3839	Other electrical apparatus and supplies	1414	1548	1555	1477	91.3	103.6	101.0	95.8	4344	5256	5402	5931
384	Transport equipment	5922	6120	6156	6133	747.4	838.6	851.6	867.8	37767	50687	54599	58446
3841	Shipbuilding and repairing	195	253	233	203	27.8	32.8	35.4	33.0	1033	1616	1896	2283
3842	Railroad equipment	355	319	327	260	236.5	256.3	229.1	198.7	10808	12958	13743	14128
3843	Motor vehicles	3614	3758	3871	3979	351.4	392.4	409.0	482.5	19651	26995	29026	31852
3844	Motorcycles and bicycles	1237	1243	1201	1188	104.3	124.9	145.2	116.9	4244	6538	6732	6685
3845	Aircraft	42	34	21	26	9.5	10.7	8.9	12.6	1447	1772	2127	2417
3849	Other transport equipment	479	513	503	477	17.9	21.5	24.1	24.1	584	808	1075	1081
385	Professional and scientific equipment	861	892	869	842	58.5	66.1	63.1	59.8	2581	3189	3576	3743
3851	Prof. and scientific equipment n.e.c.	540	536	540	525	34.9	33.7	36.8	35.0	1561	1742	2128	2267
3852	Photographic and optical goods	124	136	127	117	3.7	5.8	5.0	8.7	134	276	263	538
3853	Watches and clocks	197	220	202	200	19.8	26.5	21.2	16.1	886	1171	1185	938
390	Other manufacturing industries	1198	1385	1310	1402	61.7	78.0	79.1	88.6	1863	2847	3040	4193
3901	Jewellery and related articles	348	444	365	453	32.4	43.0	37.3	43.8	1076	1780	1637	2489
3902	Musical instruments	11	13	13	13	1.3	1.4	0.5	1.3	65	79	20	101
3903	Sporting and athletic goods	89	89	111	102	4.3	5.0	4.9	7.0	100	133	144	240
3909	Manufacturing industries, n.e.c.	750	839	821	834	23.7	28.6	36.4	36.5	622	855	1239	1363
3	Total manufacturing	119672	127538	127403	128643	7987.5	8776.8	8670.1	8716.7	291017	371835	393362	426215



## India

ISIC Revision 2	Output in factor values				Value added in factor values				Gross fixed capital formation				
	ISIC Industry	Note	(million RUPEES)				Note	(million RUPEES)					
			1994	1995	1996	1997		1994	1995	1996	1997	Note	1996
311/2 Food products		679490	824845	924041	1036401		90757	92163	115659	115800		31151	28341
3111 Slaughtering, preparing & preserving meat		2945	4003	5265	7107		960	1073	1426	1401		695	553
3112 Dairy products		69337	97571	97878	122793		5628	7425	9308	14086		2619	3657
3113 Canning, preserving of fruits & vegetables		3960	5782	7779	10534		603	388	1466	1634		1150	709
3114 Canning, preserving and processing of fish		22835	24839	29554	39022		2166	2642	3178	4609		602	997
3115 Vegetable and animal oils and fats		172665	215174	236079	241225		13170	15299	21033	15244		5890	2574
3116 Grain mill products		132795	164050	178491	217925		10758	12084	14266	11607		2486	2180
3117 Bakery products		16670	20497	25253	28423		2918	3390	4342	4310		1237	1465
3118 Sugar factories and refineries		157541	169239	194574	166595		36881	28125	34600	30155		10268	9734
3119 Cocoa, chocolate and sugar confectionery		1869	5620	7242	9944		650	1072	1229	435		685	1385
3121 Other food products		82709	100409	119275	145660		14988	19299	22962	27480		4829	4689
3122 Prepared animal feeds		16164	17661	22651	47173		2035	1366	1849	4839		690	398
313 Beverages		42884	49966	49087	68124		9107	11436	12578	16308		7878	3445
3131 Distilling, rectifying and blending spirits		21887	23938	20518	29197		5034	5373	4663	7527		1381	480
3132 Wine industries		2370	2960	2941	3259		436	748	1040	817		224	186
3133 Malt liquors and malt		11447	11829	12067	14386		2160	2847	3557	3289		1939	921
3134 Soft drinks and carbonated waters		7180	11229	13561	21282		1477	2468	3318	4675		4334	1858
314 Tobacco		55952	53286	71813	80320		17597	15245	23428	22107		1983	1306
321 Textiles		553228	650906	682425	835494		104124	99855	116458	121720		65832	67677
3211 Spinning, weaving and finishing textiles		509169	595136	619102	768590		96424	90071	104136	111994		62788	64208
3212 Made-up textile goods excl. wearing apparel		2483	3682	3945	4869		409	465	669	712		95	129
3213 Knitting mills		24277	34266	37545	38043		3776	5857	7334	5390		1536	1999
3214 Carpets and rugs		4858	3314	4267	5583		855	756	1085	667		238	251
3215 Cordage, rope and twine		4831	6804	7835	9475		946	1382	1419	1660		607	594
3219 Other textiles		7610	7704	9731	8934		1714	1324	1815	1297		568	496
322 Wearing apparel, except footwear		83713	102681	96471	118321		24110	23485	21972	22592		3607	4781
323 Leather and fur products		28129	29944	30217	36382		3334	4390	3933	5149		1558	813
3231 Tanneries and leather finishing		23764	22623	25248	26119		2689	2678	2682	3519		904	673
3232 Fur dressing and dyeing industries		5	2	15	-		1	1	-1	-1		-	-
3233 Leather prods. excl. wearing apparel		4360	7319	4954	10263		644	1711	1252	1631		654	140
324 Footwear, except rubber or plastic		21202	21766	23489	30860		3902	3597	4079	5204		1114	1223
331 Wood products, except furniture		14011	14993	20211	17681		2888	3107	5210	2925		1364	762
3311 Sawmills, planing and other wood mills		12281	13441	18001	14713		2524	2815	4841	2262		1281	564
3312 Wooden and cane containers		919	841	1083	858		232	138	144	113		24	84
3319 Other wood and cork products		811	711	1127	2110		132	154	225	550		59	114
332 Furniture and fixtures, excl. metal		966	1519	1352	2243		159	304	283	687		61	70
341 Paper and products		89748	118838	121459	116180		18390	26380	19517	17461		22220	13570
3411 Pulp, paper and paperboard articles		72886	96153	95656	82753		16172	23216	15113	12331		17733	11597
3412 Containers of paper and paperboard		12852	17671	20944	25620		1575	2439	3909	4056		1680	1188
3419 Other pulp, paper and paperboard articles		4010	5014	4859	7807		643	725	495	1074		2807	785
342 Printing and publishing		51841	73944	66766	70594		15709	20233	19823	17599		8076	11301
351 Industrial chemicals		393010	536178	524089	675909		94030	157550	123658	116588		68770	105923
3511 Basic chemicals excl. fertilizers		108059	121589	141136	188390		24982	29609	35033	39757		18960	18481
3512 Fertilizers and pesticides		187284	237262	234189	258559		39159	59521	47154	30166		22398	28819
3513 Synthetic resins and plastic materials		97667	177327	148764	228960		29889	68420	41471	46666		27412	58623
352 Other chemicals		287710	357723	402065	504562		67846	79543	97879	114215		30989	26673
3521 Paints, varnishes and lacquers		47935	60511	65853	97670		9652	12626	12516	15037		4496	4502
3522 Drugs and medicines		141813	168313	195370	218332		34518	40050	52305	62425		16823	14013
3523 Soap, cleaning preps., perfumes, cosmetics		47560	56507	73661	92618		10706	10833	17291	20848		3500	2589
3529 Other chemical products		50402	72392	67181	95942		12970	16034	15767	15905		6170	5469
353 Petroleum refineries		258942	351074	348590	361979		41328	52778	59851	16073		22967	14277

354 Misc. petroleum and coal products	40311	52864	53327	61064	6787	7517	9689	11707	904	1998
355 Rubber products	88956	115023	126898	140807	14843	18948	24165	27825	18387	8772
3551 Tyres and tubes	59615	76039	88230	92777	11371	13025	16877	19893	14502	5961
3559 Other rubber products	29341	38984	38668	48030	3472	5923	7288	7932	3885	2811
356 Plastic products	68922	85222	104029	120968	8977	13098	14160	21299	56838	12307
361 Pottery, china, earthenware	5403	7581	7614	9288	1774	2223	2446	2740	729	653
362 Glass and products	17524	24787	21088	26958	3717	6093	3932	6466	5339	4338
369 Other non-metallic mineral products	145177	188118	199905	215588	32564	49413	42290	46385	32858	28813
3691 Structural clay products	21780	26415	26791	37755	6404	7603	7171	8928	3060	3453
3692 Cement, lime and plaster	83097	118499	125600	129336	16112	31689	23010	26761	26157	23458
3699 Other non-metallic mineral products	40300	43204	47514	48497	10048	10121	12109	10696	3641	1902
371 Iron and steel	453765	565105	534818	748105	82988	97274	97030	165351	68388	78635
372 Non-ferrous metals	126644	200720	166061	187132	24742	42252	41230	32963	13433	18233
381 Fabricated metal products	107858	149389	154846	184465	22159	32565	30025	30924	10558	11749
3811 Cutlery, hand tools and general hardware	24227	34181	36800	45654	5681	8127	8328	7702	2678	2618
3812 Furniture and fixtures primarily of metal	5361	7280	7048	8935	1600	2152	2408	2598	501	768
3813 Structural metal products	23123	27262	28432	40284	4344	5594	4941	6429	1514	1330
3819 Other fabricated metal products	55147	80666	82566	89592	10534	16692	14348	14195	5865	7033
382 Non-electrical machinery	276069	387350	418597	410114	64585	92762	98496	88292	25149	19136
3821 Engines and turbines	40042	62670	72112	59150	9714	13960	18106	13144	2312	1794
3822 Agricultural machinery and equipment	35053	49195	55225	65511	5026	9131	12751	15331	1853	2447
3823 Metal and wood working machinery	14341	23053	19825	20006	4579	7375	6211	5237	1434	1176
3824 Other special industrial machinery	72088	93235	112153	87352	15727	23035	26534	15844	7095	5132
3825 Office, computing and accounting machinery	33266	36415	36634	46357	8286	7974	6152	8239	2194	1357
3829 Other non-electrical machinery & equipment	81279	122782	122648	131738	21253	31287	28742	30497	10261	7230
383 Electrical machinery	304000	372209	350554	441743	79981	84320	79881	94006	24403	19405
3831 Electrical industrial machinery	117601	135429	127342	167870	30766	35717	34955	42062	6296	3669
3832 Radio, television and communication equipm.	102329	117302	116519	164965	28898	21745	23854	29252	9629	9540
3833 Electrical appliances and housewares	12886	20664	19937	12353	2870	3047	4129	2488	1569	612
3839 Other electrical apparatus and supplies	71184	98814	86756	96555	17447	23811	16943	20204	6909	5584
384 Transport equipment	339380	503376	551221	572158	73278	120207	132909	120977	66369	33150
3841 Shipbuilding and repairing	13576	18856	21662	19989	2113	2672	1858	3106	549	397
3842 Railroad equipment	37779	45989	52158	43326	9237	13369	20312	14277	2874	1093
3843 Motor vehicles	198246	315862	345498	374240	43522	77240	83487	78635	45900	20457
3844 Motorcycles and bicycles	74615	103993	108989	106745	14935	21957	21915	19363	7772	6562
3845 Aircraft	8144	9713	7729	10478	1986	3067	2578	3550	6981	522
3849 Other transport equipment	7020	8963	15185	17380	1485	1902	2758	2046	2293	4119
385 Professional and scientific equipment	26426	35886	35910	35476	6429	9186	9577	7475	2298	5076
3851 Prof. and scientific equipment n.e.c.	16496	18158	19694	23378	4053	5345	5303	5835	1682	1718
3852 Photographic and optical goods	3619	8092	5439	8860	725	1381	1075	996	328	3041
3853 Watches and clocks	6311	9636	10777	3238	1651	2460	3199	644	288	317
390 Other manufacturing industries	39473	52071	53924	75192	7663	10198	9827	15897	2078	2460
3901 Jewellery and related articles	22836	31762	31399	42560	3339	6056	5315	9809	617	582
3902 Musical instruments	887	811	124	1174	336	149	32	203	2	51
3903 Sporting and athletic goods	2198	2465	2674	3429	745	485	542	579	136	123
3909 Manufacturing industries, n.e.c.	13552	17033	19727	28029	3243	3508	3938	5306	1323	1704
3 Total manufacturing	4600734	5927353	6140867	7184108	923768	1176119	1219985	1266735	595301	524887

## India

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products	a/	82	87	89	100	102	100	96	114	124	131	135	140
313 Beverages	a/	...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco		83	88	101	100	107	101	110	109	107	113	127	121
321 Textiles		94	88	89	100	108	113	126	128	150	165	177	172
322 Wearing apparel, except footwear	b/	78	106	120	100	92	80	76	65	86	90	65	62
323 Leather and fur products		82	100	111	100	92	81	84	73	82	90	95	103
324 Footwear, except rubber or plastic	b/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		95	88	90	100	101	95	104	103	128	137	133	126
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		87	88	93	100	106	111	116	126	145	158	169	196
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals	c/	77	89	94	100	99	105	112	118	131	137	155	166
352 Other chemicals	c/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		92	93	100	100	99	93	93	99	109	115	120	125
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		66	84	92	100	99	100	98	106	113	117	124	146
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	d/	83	94	98	100	101	124	128	139	169	182	207	224
362 Glass and products	d/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	d/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	e/	87	94	93	100	109	107	131	148	172	183	185	183
372 Non-ferrous metals	e/	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		89	91	95	100	93	87	85	91	87	95	103	122
382 Non-electrical machinery		76	83	88	100	98	99	101	117	138	152	149	156
383 Electrical machinery		60	65	72	100	92	94	93	97	127	128	146	147
384 Transport equipment		78	85	91	100	96	101	105	118	139	157	157	186
385 Professional and scientific equipment		91	91	99	100	86	82	80	81	94	98	95	111
390 Other manufacturing industries		84	130	132	100	104	105	136	157	157	173	168	111
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

a/ 311/2 includes 313.

b/ 322 includes 324.

c/ 351 includes 352.

d/ 361 includes 362 and 369.

e/ 371 includes 372.

## INDONESIA

<p><b>Supplier of information:</b> Badan Pusat Statistik (BPS), Statistics Indonesia, Jakarta.</p> <p><b>Basic source of data:</b> Annual industrial survey.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Large establishments (with 100 or more persons engaged) and medium scale establishments (with 20-99 persons engaged).</p> <p><b>Method of enumeration:</b> Establishments are completely enumerated. For provinces where establishments are concentrated, the inquiry is carried out by field enumerators through direct interviews, elsewhere it is carried out by mail.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> <u>Wages and salaries</u> is compensation of employees. <u>Output</u> is gross output and includes the value of all products of the establishment, the net change in the value of semi-finished goods and work in progress during the year, receipts from industrial and non-industrial services rendered to others, the value of goods shipped in the same condition as received and the value of electricity sold. <u>Value added</u> is total value added. <u>Gross fixed capital formation</u> represents the value of acquisitions of new and used fixed assets; sales are not taken into account.</p> <p><b>Related national publications:</b> Industrial Statistics (Survey of Manufacturing Industries) Volumes I and II (annual), published by the BPS, Jakarta.</p>
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## Indonesia

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees							
	ISIC Industry	Note	(numbers)				Note	(thousands)				Note	(billion RUPIAHS)			
			1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		...	...	...	884		...	...	...	171.8		...	...	...	1261.0	
1511 Processing/preserving of meat		...	...	...	37		...	...	...	5.4		...	...	...	19.9	
1512 Processing/preserving of fish		...	...	...	482		...	...	...	89.6		...	...	...	394.2	
1513 Processing/preserving of fruit & vegetables		...	...	...	75		...	...	...	15.5		...	...	...	70.3	
1514 Vegetable and animal oils and fats		...	...	...	290		...	...	...	61.2		...	...	...	776.5	
1520 Dairy products		...	...	...	...		...	...	...	...		...	...	...	...	
153 Grain mill products; starches; animal feeds		...	...	...	827		...	...	...	102.8		...	...	...	337.4	
1531 Grain mill products		...	...	...	500		...	...	...	69.3		...	...	...	151.6	
1532 Starches and starch products		...	...	...	238		...	...	...	22.5		...	...	...	110.7	
1533 Prepared animal feeds		...	...	...	89		...	...	...	10.9		...	...	...	75.0	
154 Other food products		...	...	...	2569		...	...	...	289.9		...	...	...	1014.9	
1541 Bakery products		...	...	...	490		...	...	...	42.1		...	...	...	143.3	
1542 Sugar		...	...	...	122		...	...	...	70.9		...	...	...	313.0	
1543 Cocoa, chocolate and sugar confectionery		...	...	...	114		...	...	...	21.0		...	...	...	86.4	
1544 Macaroni, noodles & similar products		...	...	...	316		...	...	...	26.7		...	...	...	100.3	
1549 Other food products n.e.c.		...	...	...	1527		...	...	...	129.2		...	...	...	371.9	
155 Beverages		...	...	...	248		...	...	...	22.1		...	...	...	107.6	
1551 Distilling, rectifying & blending of spirits		...	...	...	9		...	...	...	0.7		...	...	...	2.5	
1552 Wines		...	...	...	8		...	...	...	0.5		...	...	...	2.4	
1553 Malt liquors and malt		...	...	...	4		...	...	...	1.1		...	...	...	18.5	
1554 Soft drinks; mineral waters		...	...	...	227		...	...	...	19.8		...	...	...	84.2	
1600 Tobacco products		...	...	...	785		...	...	...	237.4		...	...	...	1339.9	
171 Spinning, weaving and finishing of textiles		...	...	...	1179		...	...	...	380.6		...	...	...	1507.0	
1711 Textile fibre preparation; textile weaving		...	...	...	669		...	...	...	247.4		...	...	...	1015.1	
1712 Finishing of textiles		...	...	...	510		...	...	...	133.2		...	...	...	491.9	
172 Other textiles		...	...	...	381		...	...	...	63.1		...	...	...	254.7	
1721 Made-up textile articles, except apparel		...	...	...	236		...	...	...	29.2		...	...	...	94.9	
1722 Carpets and rugs		...	...	...	15		...	...	...	2.7		...	...	...	14.9	
1723 Cordage, rope, twine and netting		...	...	...	31		...	...	...	5.4		...	...	...	22.0	
1729 Other textiles n.e.c.		...	...	...	99		...	...	...	25.8		...	...	...	122.9	
1730 Knitted and crocheted fabrics and articles		...	...	...	555		...	...	...	146.5		...	...	...	569.9	
1810 Wearing apparel, except fur apparel		...	...	...	1755		...	...	...	340.2		...	...	...	1239.1	
1820 Dressing & dyeing of fur; processing of fur		...	...	...	9		...	...	...	6.9		...	...	...	37.1	
191 Tanning, dressing and processing of leather		...	...	...	190		...	...	...	26.1		...	...	...	88.8	
1911 Tanning and dressing of leather		...	...	...	68		...	...	...	7.2		...	...	...	29.9	
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	122		...	...	...	18.8		...	...	...	58.9	
1920 Footwear		...	...	...	410		...	...	...	260.7		...	...	...	1670.0	
2010 Sawmilling and planing of wood		...	...	...	658		...	...	...	51.5		...	...	...	149.8	
202 Products of wood, cork, straw, etc.		...	...	...	1089		...	...	...	350.2		...	...	...	1615.7	
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	255		...	...	...	234.8		...	...	...	1211.3	
2022 Builders' carpentry and joinery		...	...	...	489		...	...	...	83.9		...	...	...	303.6	
2023 Wooden containers		...	...	...	41		...	...	...	1.4		...	...	...	3.4	
2029 Other wood products; articles of cork/straw		...	...	...	304		...	...	...	30.2		...	...	...	97.4	
210 Paper and paper products		...	...	...	403		...	...	...	119.2		...	...	...	521.4	
2101 Pulp, paper and paperboard		...	...	...	165		...	...	...	67.3		...	...	...	373.5	
2102 Corrugated paper and paperboard		...	...	...	176		...	...	...	45.1		...	...	...	118.9	
2109 Other articles of paper and paperboard		...	...	...	62		...	...	...	6.7		...	...	...	29.0	
221 Publishing		...	...	...	386		...	...	...	38.3		...	...	...	1726.6	
2211 Publishing of books and other publications		...	...	...	79		...	...	...	7.2		...	...	...	27.2	
2212 Publishing of newspapers, journals, etc.		...	...	...	51		...	...	...	5.9		...	...	...	43.4	
2213 Publishing of recorded media		...	...	...	4		...	...	...	0.2		...	...	...	2.7	
2219 Other publishing		...	...	...	252		...	...	...	25.0		...	...	...	1653.3	

222	Printing and related service activities	...	...	145	...	...	12.7	...	...	42.4
2221	Printing	...	...	26	...	...	1.9	...	...	8.0
2222	Service activities related to printing	...	...	119	...	...	10.8	...	...	34.4
2230	Reproduction of recorded media	...	...	4	...	...	1.4	...	...	8.1
2310	Coke oven products	...	...	8	...	...	1.0	...	...	3.8
2320	Refined petroleum products	...	...	50	...	...	5.0	...	...	37.2
2330	Processing of nuclear fuel	...	...	...	...	...	...	...	...	...
241	Basic chemicals	...	...	321	...	...	61.4	...	...	862.5
2411	Basic chemicals, except fertilizers	...	...	222	...	...	36.0	...	...	338.4
2412	Fertilizers and nitrogen compounds	...	...	56	...	...	18.2	...	...	461.2
2413	Plastics in primary forms; synthetic rubber	...	...	43	...	...	7.2	...	...	62.8
242	Other chemicals	...	...	648	...	...	122.2	...	...	1105.7
2421	Pesticides and other agro-chemical products	...	...	35	...	...	11.7	...	...	89.2
2422	Paints, varnishes, printing ink and mastics	...	...	111	...	...	11.0	...	...	104.1
2423	Pharmaceuticals, medicinal chemicals, etc.	...	...	218	...	...	42.9	...	...	428.1
2424	Soap, cleaning & cosmetic preparations	...	...	132	...	...	30.9	...	...	278.4
2429	Other chemical products n.e.c.	...	...	152	...	...	25.7	...	...	206.0
2430	Man-made fibres	...	...	86	...	...	52.2	...	...	326.4
251	Rubber products	...	...	464	...	...	129.8	...	...	833.2
2511	Rubber tyres and tubes	...	...	335	...	...	106.4	...	...	745.2
2519	Other rubber products	...	...	129	...	...	23.4	...	...	88.0
2520	Plastic products	...	...	839	...	...	132.6	...	...	542.1
2610	Glass and glass products	...	...	...	...	...	...	...	...	...
269	Non-metallic mineral products n.e.c.	...	...	45	...	...	3.5	...	...	12.3
2691	Pottery, china and earthenware	...	...	...	...	...	...	...	...	...
2692	Refractory ceramic products	...	...	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...	...
2694	Cement, lime and plaster	...	...	...	...	...	...	...	...	...
2695	Articles of concrete, cement and plaster	...	...	...	...	...	...	...	...	...
2696	Cutting, shaping & finishing of stone	...	...	...	...	...	...	...	...	...
2699	Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...
2710	Basic iron and steel	...	...	106	...	...	31.1	...	...	433.7
2720	Basic precious and non-ferrous metals	...	...	97	...	...	20.1	...	...	217.4
273	Casting of metals	...	...	29	...	...	4.2	...	...	220.5
2731	Casting of iron and steel	...	...	16	...	...	2.4	...	...	209.3
2732	Casting of non-ferrous metals	...	...	13	...	...	1.8	...	...	11.2
281	Struct.metal products;tanks;steam generators	...	...	209	...	...	22.3	...	...	205.8
2811	Structural metal products	...	...	166	...	...	17.1	...	...	129.3
2812	Tanks, reservoirs and containers of metal	...	...	43	...	...	5.2	...	...	76.5
2813	Steam generators	...	...	-	...	...	-	...	...	-
289	Other metal products; metal working services	...	...	624	...	...	85.4	...	...	466.4
2891	Metal forging/pressing/stamping/roll-forming	...	...	15	...	...	2.0	...	...	22.3
2892	Treatment & coating of metals	...	...	46	...	...	3.2	...	...	17.0
2893	Cutlery, hand tools and general hardware	...	...	151	...	...	22.9	...	...	116.0
2899	Other fabricated metal products n.e.c.	...	...	412	...	...	57.3	...	...	311.1
291	General purpose machinery	...	...	141	...	...	19.1	...	...	137.9
2911	Engines & turbines(not for transport equip.)	...	...	22	...	...	2.9	...	...	22.1
2912	Pumps, compressors, taps and valves	...	...	27	...	...	1.7	...	...	9.6
2913	Bearings, gears, gearing & driving elements	...	...	38	...	...	2.5	...	...	21.0
2914	Ovens, furnaces and furnace burners	...	...	7	...	...	3.8	...	...	20.8
2915	Lifting and handling equipment	...	...	6	...	...	0.6	...	...	3.4
2919	Other general purpose machinery	...	...	41	...	...	7.6	...	...	61.0
292	Special purpose machinery	...	...	162	...	...	22.3	...	...	161.9
2921	Agricultural and forestry machinery	...	...	28	...	...	2.8	...	...	15.9
2922	Machine tools	...	...	30	...	...	2.4	...	...	25.6
2923	Machinery for metallurgy	...	...	1	...	...	0.9	...	...	7.3
2924	Machinery for mining & construction	...	...	31	...	...	7.5	...	...	61.2
2925	Food/beverage/tobacco processing machinery	...	...	12	...	...	1.3	...	...	5.5
2926	Machinery for textile, apparel and leather	...	...	27	...	...	2.7	...	...	14.2
2927	Weapons and ammunition	...	...	4	...	...	0.1	...	...	0.2
2929	Other special purpose machinery	...	...	29	...	...	4.5	...	...	32.0
2930	Domestic appliances n.e.c.	...	...	23	...	...	3.0	...	...	19.5

continued

## Indonesia

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(billion RUPIAHS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
3000 Office, accounting and computing machinery		...	...	...	8		...	...	...	0.6		...	...	...	4.2
3110 Electric motors, generators and transformers		...	...	...	42		...	...	...	5.5		...	...	...	34.8
3120 Electricity distribution & control apparatus		...	...	...	67		...	...	...	10.7		...	...	...	98.5
3130 Insulated wire and cable		...	...	...	58		...	...	...	17.8		...	...	...	151.6
3140 Accumulators, primary cells and batteries		...	...	...	35		...	...	...	11.9		...	...	...	123.4
3150 Lighting equipment and electric lamps		...	...	...	29		...	...	...	9.4		...	...	...	48.3
3190 Other electrical equipment n.e.c.		...	...	...	14		...	...	...	2.8		...	...	...	15.7
3210 Electronic valves, tubes, etc.		...	...	...	76		...	...	...	34.4		...	...	...	233.4
3220 TV/radio transmitters; line comm. apparatus		...	...	...	20		...	...	...	9.1		...	...	...	30.7
3230 TV and radio receivers and associated goods		...	...	...	131		...	...	...	75.6		...	...	...	741.7
331 Medical, measuring, testing appliances, etc.		...	...	...	46		...	...	...	5.0		...	...	...	32.3
3311 Medical, surgical and orthopaedic equipment		...	...	...	19		...	...	...	3.1		...	...	...	21.9
3312 Measuring/testing/navigating appliances, etc.		...	...	...	27		...	...	...	1.8		...	...	...	10.4
3313 Industrial process control equipment		...	...	...	-		...	...	...	-		...	...	...	-
3320 Optical instruments & photographic equipment		...	...	...	10		...	...	...	8.5		...	...	...	55.0
3330 Watches and clocks		...	...	...	19		...	...	...	3.7		...	...	...	25.5
3410 Motor vehicles		...	...	...	18		...	...	...	12.4		...	...	...	119.7
3420 Automobile bodies, trailers & semi-trailers		...	...	...	69		...	...	...	5.1		...	...	...	22.1
3430 Parts/accessories for automobiles		...	...	...	145		...	...	...	20.9		...	...	...	229.4
351 Building and repairing of ships and boats		...	...	...	135		...	...	...	22.4		...	...	...	231.6
3511 Building and repairing of ships		...	...	...	114		...	...	...	15.5		...	...	...	129.6
3512 Building/repairing of pleasure/sport. boats		...	...	...	21		...	...	...	6.9		...	...	...	102.0
3520 Railway/tramway locomotives & rolling stock		...	...	...	4		...	...	...	1.1		...	...	...	6.6
3530 Aircraft and spacecraft		...	...	...	2		...	...	...	15.5		...	...	...	81.7
359 Transport equipment n.e.c.		...	...	...	163		...	...	...	27.8		...	...	...	174.7
3591 Motorcycles		...	...	...	82		...	...	...	19.2		...	...	...	133.1
3592 Bicycles and invalid carriages		...	...	...	77		...	...	...	8.4		...	...	...	41.0
3599 Other transport equipment n.e.c.		...	...	...	4		...	...	...	0.2		...	...	...	0.6
3610 Furniture		...	...	...	1402		...	...	...	196.2		...	...	...	1883.2
369 Manufacturing n.e.c.		...	...	...	507		...	...	...	97.9		...	...	...	454.3
3691 Jewellery and related articles		...	...	...	109		...	...	...	8.7		...	...	...	24.4
3692 Musical instruments		...	...	...	16		...	...	...	4.2		...	...	...	21.0
3693 Sports goods		...	...	...	47		...	...	...	7.4		...	...	...	34.0
3694 Games and toys		...	...	...	107		...	...	...	38.8		...	...	...	180.5
3699 Other manufacturing n.e.c.		...	...	...	228		...	...	...	38.8		...	...	...	194.3
3710 Recycling of metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
3720 Recycling of non-metal waste and scrap		...	...	...	73		...	...	...	3.4		...	...	...	7.7
D Total manufacturing		...	...	...	21423		...	...	...	4106.8		...	...	...	24862.6

## Indonesia

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in factor values					Gross fixed capital formation			
	Note	(billion RUPIAHS)				Note	(billion RUPIAHS)				Note	(billion RUPIAHS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
151 Processed meat, fish, fruit, vegetables, fats	...	...	...	29680.8	...	...	...	7867.1	...	...	4333.6		
1511 Processing/preserving of meat	...	...	...	542.1	...	...	...	64.5	...	...	80.5		
1512 Processing/preserving of fish	...	...	...	10610.2	...	...	...	2593.9	...	...	1881.5		
1513 Processing/preserving of fruit & vegetables	...	...	...	1118.8	...	...	...	387.6	...	...	171.3		
1514 Vegetable and animal oils and fats	...	...	...	17409.6	...	...	...	4821.0	...	...	2200.3		
1520 Dairy products	...	...	...	...	...	...	...	...	...	...	...		
153 Grain mill products; starches; animal feeds	...	...	...	13764.4	...	...	...	3221.9	...	...	5011.8		
1531 Grain mill products	...	...	...	6662.7	...	...	...	969.5	...	...	1799.4		
1532 Starches and starch products	...	...	...	2573.0	...	...	...	1008.7	...	...	2678.1		
1533 Prepared animal feeds	...	...	...	4628.7	...	...	...	1243.7	...	...	534.3		
154 Other food products	...	...	...	19430.2	...	...	...	6790.5	...	...	10184.6		
1541 Bakery products	...	...	...	1340.6	...	...	...	366.4	...	...	512.7		
1542 Sugar	...	...	...	3434.2	...	...	...	1386.1	...	...	1001.8		
1543 Cocoa, chocolate and sugar confectionery	...	...	...	1701.5	...	...	...	305.3	...	...	793.3		
1544 Macaroni, noodles & similar products	...	...	...	6293.8	...	...	...	2602.0	...	...	331.4		
1549 Other food products n.e.c.	...	...	...	6660.2	...	...	...	2130.6	...	...	7545.4		
155 Beverages	...	...	...	2036.5	...	...	...	617.5	...	...	940.7		
1551 Distilling, rectifying & blending of spirits	...	...	...	15.1	...	...	...	9.6	...	...	3.6		
1552 Wines	...	...	...	20.1	...	...	...	7.8	...	...	7.8		
1553 Malt liquors and malt	...	...	...	160.0	...	...	...	10.2	...	...	228.4		
1554 Soft drinks; mineral waters	...	...	...	1841.2	...	...	...	589.9	...	...	700.8		
1600 Tobacco products	...	...	...	24759.6	...	...	...	13109.7	...	...	4445.8		
171 Spinning, weaving and finishing of textiles	...	...	...	37408.0	...	...	...	12034.3	...	...	32822.9		
1711 Textile fibre preparation; textile weaving	...	...	...	26673.7	...	...	...	8198.9	...	...	10926.6		
1712 Finishing of textiles	...	...	...	10734.3	...	...	...	3835.4	...	...	21896.4		
172 Other textiles	...	...	...	4711.1	...	...	...	1121.8	...	...	4482.0		
1721 Made-up textile articles, except apparel	...	...	...	1264.8	...	...	...	78.3	...	...	765.3		
1722 Carpets and rugs	...	...	...	194.4	...	...	...	69.7	...	...	99.0		
1723 Cordage, rope, twine and netting	...	...	...	576.8	...	...	...	367.3	...	...	108.8		
1729 Other textiles n.e.c.	...	...	...	2675.0	...	...	...	606.6	...	...	3508.8		
1730 Knitted and crocheted fabrics and articles	...	...	...	7459.5	...	...	...	2340.4	...	...	2555.6		
1810 Wearing apparel, except fur apparel	...	...	...	15316.0	...	...	...	5007.2	...	...	1798.3		
1820 Dressing & dyeing of fur; processing of fur	...	...	...	178.7	...	...	...	58.3	...	...	19.9		
191 Tanning, dressing and processing of leather	...	...	...	1455.9	...	...	...	443.6	...	...	267.0		
1911 Tanning and dressing of leather	...	...	...	869.7	...	...	...	262.4	...	...	178.9		
1912 Luggage, handbags, etc.; saddlery & harness	...	...	...	586.3	...	...	...	181.2	...	...	88.1		
1920 Footwear	...	...	...	12756.0	...	...	...	5007.1	...	...	2151.2		
2010 Sawmilling and planing of wood	...	...	...	2072.9	...	...	...	699.8	...	...	1337.8		
202 Products of wood, cork, straw, etc.	...	...	...	27604.7	...	...	...	9310.9	...	...	21892.0		
2021 Veneer sheets, plywood, particle board, etc.	...	...	...	21994.7	...	...	...	7269.1	...	...	20500.0		
2022 Builders' carpentry and joinery	...	...	...	4785.8	...	...	...	1737.3	...	...	1246.3		
2023 Wooden containers	...	...	...	33.3	...	...	...	8.8	...	...	9.1		
2029 Other wood products; articles of cork/straw	...	...	...	790.9	...	...	...	295.7	...	...	136.4		
210 Paper and paper products	...	...	...	15733.0	...	...	...	5186.1	...	...	16944.5		
2101 Pulp, paper and paperboard	...	...	...	12010.9	...	...	...	4220.0	...	...	12527.0		
2102 Corrugated paper and paperboard	...	...	...	2941.2	...	...	...	805.5	...	...	4007.2		
2109 Other articles of paper and paperboard	...	...	...	780.9	...	...	...	160.6	...	...	410.2		
221 Publishing	...	...	...	8199.3	...	...	...	3764.6	...	...	5368.1		
2211 Publishing of books and other publications	...	...	...	358.0	...	...	...	211.0	...	...	121.8		
2212 Publishing of newspapers, journals, etc.	...	...	...	378.9	...	...	...	162.4	...	...	286.6		
2213 Publishing of recorded media	...	...	...	53.3	...	...	...	19.7	...	...	0.6		
2219 Other publishing	...	...	...	7409.1	...	...	...	3371.5	...	...	4959.1		

continued



## Indonesia

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in factor values				Gross fixed capital formation				
	Note	(billion RUPIAHS)				Note	(billion RUPIAHS)				Note	(billion RUPIAHS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222 Printing and related service activities		...	...	...	869.1	...	...	...	176.8	...	...	548.7	
2221 Printing		...	...	...	201.0	...	...	...	62.7	...	...	50.2	
2222 Service activities related to printing		...	...	...	668.1	...	...	...	114.1	...	...	498.5	
2230 Reproduction of recorded media		...	...	...	38.5	...	...	...	12.0	...	...	5.2	
2310 Coke oven products		...	...	...	15.2	...	...	...	2.5	...	...	28.8	
2320 Refined petroleum products		...	...	...	451.5	...	...	...	244.1	...	...	1475.5	
2330 Processing of nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	
241 Basic chemicals		...	...	...	27171.6	...	...	...	9718.0	...	...	12327.8	
2411 Basic chemicals, except fertilizers		...	...	...	18074.5	...	...	...	7138.6	...	...	6205.5	
2412 Fertilizers and nitrogen compounds		...	...	...	6194.1	...	...	...	1743.6	...	...	4899.5	
2413 Plastics in primary forms; synthetic rubber		...	...	...	2903.0	...	...	...	835.8	...	...	1222.8	
242 Other chemicals		...	...	...	16771.6	...	...	...	5448.9	...	...	4855.8	
2421 Pesticides and other agro-chemical products		...	...	...	1329.1	...	...	...	267.1	...	...	135.8	
2422 Paints, varnishes, printing ink and mastics		...	...	...	2211.7	...	...	...	667.2	...	...	907.5	
2423 Pharmaceuticals, medicinal chemicals, etc.		...	...	...	4668.3	...	...	...	1913.1	...	...	1829.8	
2424 Soap, cleaning & cosmetic preparations		...	...	...	4392.2	...	...	...	1703.4	...	...	824.4	
2429 Other chemical products n.e.c.		...	...	...	4170.3	...	...	...	898.0	...	...	1158.4	
2430 Man-made fibres		...	...	...	12028.3	...	...	...	4818.6	...	...	5354.0	
251 Rubber products		...	...	...	17340.7	...	...	...	2943.3	...	...	9241.3	
2511 Rubber tyres and tubes		...	...	...	16204.7	...	...	...	2599.4	...	...	8751.6	
2519 Other rubber products		...	...	...	1136.0	...	...	...	343.8	...	...	489.7	
2520 Plastic products		...	...	...	8992.3	...	...	...	2819.3	...	...	3630.1	
2610 Glass and glass products		...	...	...	...	...	...	...	...	...	...	...	
269 Non-metallic mineral products n.e.c.		...	...	...	286.5	...	...	...	132.1	...	...	601.9	
2691 Pottery, china and earthenware		...	...	...	...	...	...	...	...	...	...	...	
2692 Refractory ceramic products		...	...	...	...	...	...	...	...	...	...	...	
2693 Struct.non-refractory clay; ceramic products		...	...	...	...	...	...	...	...	...	...	...	
2694 Cement, lime and plaster		...	...	...	...	...	...	...	...	...	...	...	
2695 Articles of concrete, cement and plaster		...	...	...	...	...	...	...	...	...	...	...	
2696 Cutting, shaping & finishing of stone		...	...	...	...	...	...	...	...	...	...	...	
2699 Other non-metallic mineral products n.e.c.		...	...	...	...	...	...	...	...	...	...	...	
2710 Basic iron and steel		...	...	...	15790.7	...	...	...	3578.1	...	...	8068.2	
2720 Basic precious and non-ferrous metals		...	...	...	6493.3	...	...	...	2040.1	...	...	11968.2	
273 Casting of metals		...	...	...	634.4	...	...	...	260.8	...	...	85.6	
2731 Casting of iron and steel		...	...	...	420.8	...	...	...	126.8	...	...	38.4	
2732 Casting of non-ferrous metals		...	...	...	213.6	...	...	...	134.0	...	...	47.2	
281 Struct.metall products;tanks;steam generators		...	...	...	2593.5	...	...	...	946.3	...	...	1206.1	
2811 Structural metal products		...	...	...	2056.3	...	...	...	654.4	...	...	1078.6	
2812 Tanks, reservoirs and containers of metal		...	...	...	537.2	...	...	...	291.9	...	...	127.5	
2813 Steam generators		...	...	...	...	...	...	...	...	...	...	...	
289 Other metal products; metal working services		...	...	...	8397.9	...	...	...	2832.8	...	...	2449.2	
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	572.8	...	...	...	158.2	...	...	282.9	
2892 Treatment & coating of metals		...	...	...	363.6	...	...	...	167.8	...	...	63.2	
2893 Cutlery, hand tools and general hardware		...	...	...	1119.1	...	...	...	542.0	...	...	214.4	
2899 Other fabricated metal products n.e.c.		...	...	...	6342.4	...	...	...	1964.8	...	...	1888.8	
291 General purpose machinery		...	...	...	2115.2	...	...	...	620.0	...	...	1395.3	
2911 Engines & turbines(not for transport equip.)		...	...	...	316.4	...	...	...	69.8	...	...	143.0	
2912 Pumps, compressors, taps and valves		...	...	...	77.3	...	...	...	27.0	...	...	35.4	
2913 Bearings, gears, gearing & driving elements		...	...	...	189.7	...	...	...	63.6	...	...	164.4	
2914 Ovens, furnaces and furnace burners		...	...	...	161.7	...	...	...	90.5	...	...	85.3	
2915 Lifting and handling equipment		...	...	...	144.9	...	...	...	90.8	...	...	57.2	
2919 Other general purpose machinery		...	...	...	1225.0	...	...	...	278.2	...	...	910.0	

292	Special purpose machinery	...	...	2664.7	...	...	1152.1	...	787.3
2921	Agricultural and forestry machinery	...	...	123.9	...	...	52.9	...	65.2
2922	Machine tools	...	...	141.6	...	...	28.4	...	110.5
2923	Machinery for metallurgy	...	...	56.9	...	...	27.7	...	-
2924	Machinery for mining & construction	...	...	1506.6	...	...	781.1	...	292.4
2925	Food/beverage/tobacco processing machinery	...	...	21.9	...	...	11.0	...	22.0
2926	Machinery for textile, apparel and leather	...	...	355.5	...	...	86.4	...	112.9
2927	Weapons and ammunition	...	...	0.7	...	...	0.3	...	1.1
2929	Other special purpose machinery	...	...	457.5	...	...	164.2	...	183.3
2930	Domestic appliances n.e.c.	...	...	347.2	...	...	119.7	...	168.6
3000	Office, accounting and computing machinery	...	...	44.1	...	...	30.0	...	24.9
3110	Electric motors, generators and transformers	...	...	621.1	...	...	216.8	...	703.8
3120	Electricity distribution & control apparatus	...	...	969.7	...	...	432.8	...	374.1
3130	Insulated wire and cable	...	...	2352.6	...	...	525.7	...	990.2
3140	Accumulators, primary cells and batteries	...	...	2471.7	...	...	679.0	...	420.4
3150	Lighting equipment and electric lamps	...	...	927.0	...	...	226.6	...	371.9
3190	Other electrical equipment n.e.c.	...	...	173.2	...	...	53.0	...	85.7
3210	Electronic valves, tubes, etc.	...	...	6647.8	...	...	1806.0	...	724.8
3220	TV/radio transmitters; line comm. apparatus	...	...	3041.6	...	...	1069.6	...	66.3
3230	TV and radio receivers and associated goods	...	...	15128.3	...	...	4289.7	...	12153.7
331	Medical, measuring, testing appliances, etc.	...	...	453.5	...	...	137.6	...	173.6
3311	Medical, surgical and orthopaedic equipment	...	...	368.7	...	...	100.2	...	140.4
3312	Measuring/testing/navigating appliances, etc.	...	...	84.8	...	...	37.4	...	33.1
3313	Industrial process control equipment	...	...	-	...	...	-	...	-
3320	Optical instruments & photographic equipment	...	...	1330.5	...	...	183.8	...	343.4
3330	Watches and clocks	...	...	325.7	...	...	202.2	...	14.2
3410	Motor vehicles	...	...	1555.5	...	...	1094.3	...	335.8
3420	Automobile bodies, trailers & semi-trailers	...	...	149.9	...	...	64.0	...	182.1
3430	Parts/accessories for automobiles	...	...	2694.5	...	...	894.7	...	2054.7
351	Building and repairing of ships and boats	...	...	1657.5	...	...	1056.0	...	1350.6
3511	Building and repairing of ships	...	...	1171.9	...	...	799.9	...	286.3
3512	Building/repairing of pleasure/sport. boats	...	...	485.6	...	...	256.2	...	1064.3
3520	Railway/tramway locomotives & rolling stock	...	...	112.4	...	...	31.5	...	0.6
3530	Aircraft and spacecraft	...	...	102.9	...	...	72.0	...	784.8
359	Transport equipment n.e.c.	...	...	15888.2	...	...	9010.8	...	1212.1
3591	Motorcycles	...	...	15327.5	...	...	8840.9	...	1094.7
3592	Bicycles and invalid carriages	...	...	557.2	...	...	169.7	...	117.3
3599	Other transport equipment n.e.c.	...	...	3.5	...	...	0.2	...	0.1
3610	Furniture	...	...	9102.9	...	...	4127.3	...	1908.8
369	Manufacturing n.e.c.	...	...	4555.2	...	...	1916.2	...	803.4
3691	Jewellery and related articles	...	...	531.7	...	...	147.3	...	99.5
3692	Musical instruments	...	...	369.2	...	...	214.9	...	87.8
3693	Sports goods	...	...	511.9	...	...	265.8	...	114.6
3694	Games and toys	...	...	1489.6	...	...	615.3	...	191.3
3699	Other manufacturing n.e.c.	...	...	1652.9	...	...	672.9	...	310.3
3710	Recycling of metal waste and scrap	...	...	...	...	...	...	...	...
3720	Recycling of non-metal waste and scrap	...	...	108.7	...	...	63.4	...	72.1
D	Total manufacturing	...	...	430273.2	...	...	148254.7	...	317843.0

## Indonesia

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry	Note	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	
15 Food and beverages	a/	78	83	90	100	94	109	136	180	207	245	330	501	
16 Tobacco products	a/	...	...	...	...	...	...	...	...	...	...	...	...	
17 Textiles		59	71	81	100	107	115	115	126	142	145	135	122	
18 Wearing apparel, fur		62	88	94	100	183	212	236	251	294	318	357	337	
19 Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...	
20 Wood products (excl. furniture)		75	95	99	100	101	109	105	107	103	96	92	77	
21 Paper and paper products		58	76	83	100	104	150	153	175	210	223	266	285	
22 Printing and publishing		60	78	86	100	131	137	159	175	156	141	136	110	
23 Coke, refined petroleum products, nuclear fuel	b/	69	82	91	100	116	129	145	156	159	158	162	156	
24 Chemicals and chemical products	b/	...	...	...	...	...	...	...	...	...	...	...	...	
25 Rubber and plastics products	b/	...	...	...	...	...	...	...	...	...	...	...	...	
26 Non-metallic mineral products		72	76	94	100	114	122	138	174	201	189	195	138	
27 Basic metals		57	65	77	100	158	165	213	229	290	283	281	221	
28 Fabricated metal products		57	62	82	100	91	98	91	102	115	137	104	63	
29 Machinery and equipment n.e.c.		44	44	56	100	52	50	35	19	20	15	13	8	
30 Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...	
31 Electrical machinery and apparatus	c/	59	70	84	100	105	129	130	145	153	138	172	150	
32 Radio, television and communication equipment	c/	...	...	...	...	...	...	...	...	...	...	...	...	
33 Medical, precision and optical instruments		...	...	...	100	96	92	83	77	71	62	48	31	
34 Motor vehicles, trailers, semi-trailers	d/	69	62	75	100	133	103	98	125	127	122	163	52	
35 Other transport equipment	d/	...	...	...	...	...	...	...	...	...	...	...	...	
36 Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...	
37 Recycling		...	...	...	...	...	...	...	...	...	...	...	...	
D Total manufacturing		68	78	88	100	111	123	137	161	179	191	216	187	

a/ 15 includes 16.  
b/ 23 includes 24 and 25.  
c/ 31 includes 32.  
d/ 34 includes 35.

## IRAN (ISLAMIC REPUBLIC OF)

**Supplier of information:**

Statistical Centre of Iran, Teheran. The index numbers of industrial production are compiled by the Statistics Division, Ministry of Industry and Mines, Teheran.

**Basic source of data:**

Annual industrial survey.

**Major deviations from ISIC (Revision 3):**

None reported.

**Reference period (if not calendar year):**

Iranian year beginning 21 March of the year indicated.

**Scope:**

Establishments with 10 or more persons engaged.

**Method of enumeration:**

Individual sites are visited by enumerators.

**Adjusted for non-response:**

Not reported.

**Concepts and definitions of variables:**

Number of employees is the average of the quarterly numbers.

**Related national publications:**

Large-scale Industrial Establishments (annual), available only in the national language, published by the Statistical Centre of Iran, Teheran.

## Iran (Islamic Republic of)

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)			Note	(thousands)			Note	(million RIALS)					
		1994	1995	1996		1997	1994	1995		1996	1997	1994	1995	1996	1997
151 Processed meat, fish, fruit, vegetables, fats		520	521	560	541		29.1	32.4	34.8	...		131146	195349	251614	...
1511 Processing/preserving of meat		190	193	205	196		7.1	8.4	9.4	...		23863	43293	59740	...
1512 Processing/preserving of fish		56	45	50	48		4.2	3.9	4.6	...		19814	19330	27921	...
1513 Processing/preserving of fruit & vegetables		250	257	279	263		8.7	10.8	11.0	...		29622	54433	68509	...
1514 Vegetable and animal oils and fats		24	26	26	29		9.0	9.3	9.9	...		57847	78293	95444	...
1520 Dairy products		81	89	102	112		6.1	7.1	8.0	...		40310	55214	82618	...
153 Grain mill products; starches; animal feeds		329	329	342	348		9.4	10.0	10.5	...		36849	51395	66604	...
1531 Grain mill products		250	249	256	260		6.8	7.2	7.6	...		24036	31925	41733	...
1532 Starches and starch products		15	13	15	17		0.8	0.8	0.9	...		5267	8236	10366	...
1533 Prepared animal feeds		64	67	71	71		1.8	2.0	2.0	...		7546	11233	14504	...
154 Other food products		963	983	1044	1057		49.8	52.4	55.2	...		221176	324017	402234	...
1541 Bakery products		383	377	395	404		14.8	17.1	18.1	...		63689	122900	157849	...
1542 Sugar		81	85	87	87		18.5	19.9	19.9	...		96077	137259	160691	...
1543 Cocoa, chocolate and sugar confectionery		65	63	69	63		4.3	2.3	2.6	...		25980	11323	15568	...
1544 Macaroni, noodles & similar products		179	195	213	222		3.3	3.8	4.2	...		8318	13974	19113	...
1549 Other food products n.e.c.		255	263	280	281		8.9	9.3	10.4	...		27112	38560	49012	...
155 Beverages		36	37	39	42		10.4	10.6	10.9	...		68967	86012	112961	...
1551 Distilling, rectifying & blending of spirits		4	5	6	6		0.2	0.3	0.3	...		1401	2273	3090	...
1552 Wines		-	-	-	-		-	-	-	...		-	-	-	...
1553 Malt liquors and malt		2	2	2	2		0.4	0.5	0.5	...		1513	4127	6179	...
1554 Soft drinks; mineral waters		30	30	31	34		9.8	9.8	10.1	...		66054	79612	103693	...
1600 Tobacco products		1	1	1	1		7.5	5.3	5.0	...		54072	46024	97016	...
171 Spinning, weaving and finishing of textiles		830	799	822	839		121.9	112.7	115.8	...		536907	692595	877827	...
1711 Textile fibre preparation; textile weaving		730	701	718	723		119.3	110.0	112.9	...		528317	680643	861723	...
1712 Finishing of textiles		100	98	104	116		2.6	2.7	2.9	...		8590	11953	16104	...
172 Other textiles		765	678	704	784		33.4	30.9	31.9	...		109894	143013	185232	...
1721 Made-up textile articles, except apparel		78	77	82	74		4.5	4.3	4.5	...		15856	20130	27376	...
1722 Carpets and rugs		650	568	590	682		28.0	25.6	26.4	...		90985	119179	153177	...
1723 Cordage, rope, twine and netting		6	6	7	5		0.3	0.3	0.3	...		846	870	1134	...
1729 Other textiles n.e.c.		31	27	25	23		0.7	0.7	0.7	...		2208	2833	3545	...
1730 Knitted and crocheted fabrics and articles		158	153	152	143		3.8	3.6	3.5	...		14682	17946	19829	...
1810 Wearing apparel, except fur apparel		504	415	418	407		11.2	8.6	8.9	...		35850	39300	48592	...
1820 Dressing & dyeing of fur; processing of fur		3	2	2	2		0.7	0.8	0.8	...		3212	4205	5236	...
191 Tanning, dressing and processing of leather		126	109	112	138		3.8	3.4	3.6	...		15383	16771	21952	...
1911 Tanning and dressing of leather		101	90	93	118		3.5	3.2	3.4	...		14491	15811	20788	...
1912 Luggage, handbags, etc.; saddlery & harness		25	19	19	20		0.3	0.2	0.2	...		892	960	1164	...
1920 Footwear		302	260	265	245		15.2	13.6	13.4	...		71249	79632	93229	...
2010 Sawmilling and planing of wood		44	29	27	32		4.2	1.5	1.5	...		17864	8810	11553	...
202 Products of wood, cork, straw, etc.		204	188	193	186		8.9	8.6	8.8	...		38320	52152	65030	...
2021 Veneer sheets, plywood, particle board, etc.		41	43	43	48		5.2	5.8	5.9	...		25788	39131	48716	...
2022 Builders' carpentry and joinery		94	79	83	77		2.2	1.6	1.7	...		8144	8610	10903	...
2023 Wooden containers		32	32	34	30		0.5	0.5	0.5	...		1238	1808	2090	...
2029 Other wood products; articles of cork/straw		37	34	33	31		1.1	0.7	0.7	...		3151	2602	3321	...
210 Paper and paper products		182	170	180	200		16.2	13.9	14.6	...		111480	122320	152594	...
2101 Pulp, paper and paperboard		34	32	34	38		8.0	6.2	6.5	...		65725	62690	79868	...
2102 Corrugated paper and paperboard		82	78	77	91		5.6	5.0	5.2	...		33623	41467	50745	...
2109 Other articles of paper and paperboard		66	60	69	71		2.6	2.7	2.8	...		12131	18162	21980	...
221 Publishing		78	48	50	81		6.7	5.4	5.4	...		38867	44252	52643	...
2211 Publishing of books and other publications		41	28	29	45		2.6	2.1	2.1	...		13098	15527	19367	...
2212 Publishing of newspapers, journals, etc.		33	17	18	30		4.0	3.2	3.2	...		25236	27944	32337	...
2213 Publishing of recorded media		1	-	-	1		-	-	-	...		38	-	-	...
2219 Other publishing		3	3	3	5		0.1	0.1	0.1	...		495	781	939	...

222	Printing and related service activities	217	196	193	197	5.8	4.1	4.3	...	31145	21415	28372	...
2221	Printing	183	158	158	158	5.3	3.5	3.8	...	28935	18461	25325	...
2222	Service activities related to printing	34	38	35	39	0.5	0.6	0.5	...	2211	2954	3046	...
2230	Reproduction of recorded media	-	-	-	-	-	-	-	...	-	-	-	...
2310	Coke oven products	3	3	3	5	0.1	-	-	...	223	217	277	...
2320	Refined petroleum products	42	43	47	53	18.1	15.4	16.1	...	131637	150024	205489	...
2330	Processing of nuclear fuel	-	-	-	-	-	-	-	...	-	-	-	...
241	Basic chemicals	116	116	123	143	17.6	18.5	20.6	...	149515	178589	251858	...
2411	Basic chemicals, except fertilizers	72	70	74	81	3.6	3.6	5.0	...	15026	29949	55414	...
2412	Fertilizers and nitrogen compounds	7	6	8	9	5.7	5.5	6.3	...	60167	40889	55810	...
2413	Plastics in primary forms; synthetic rubber	37	40	41	53	8.3	9.3	9.3	...	74322	107751	140635	...
242	Other chemicals	510	459	481	516	34.1	32.4	34.0	...	185850	238370	308791	...
2421	Pesticides and other agro-chemical products	14	12	12	11	0.8	0.7	0.8	...	2812	3976	5756	...
2422	Paints, varnishes, printing ink and mastics	141	121	128	136	4.8	4.3	4.8	...	24311	31027	41712	...
2423	Pharmaceuticals, medicinal chemicals, etc.	94	93	96	100	14.3	12.8	13.1	...	83456	95564	124838	...
2424	Soap, cleaning & cosmetic preparations	158	138	144	161	8.8	8.7	9.3	...	49512	72253	90637	...
2429	Other chemical products n.e.c.	103	95	101	108	5.4	5.9	6.0	...	25761	35550	45847	...
2430	Man-made fibres	6	6	7	10	3.6	3.2	3.3	...	28232	41080	54566	...
251	Rubber products	103	91	93	115	12.9	12.8	14.1	...	80764	98476	135571	...
2511	Rubber tyres and tubes	20	17	18	20	9.4	9.7	10.1	...	65591	81348	109927	...
2519	Other rubber products	83	74	75	95	3.5	3.1	4.0	...	15173	17128	25643	...
2520	Plastic products	441	423	439	492	14.2	13.8	14.1	...	60415	74983	93065	...
2610	Glass and glass products	148	125	131	134	11.1	10.6	10.6	...	57941	67294	81251	...
269	Non-metallic mineral products n.e.c.	2652	3203	3244	3331	103.6	112.7	116.8	...	473869	707568	907556	...
2691	Pottery, china and earthenware	45	47	48	47	8.8	9.6	9.8	...	39818	56362	70158	...
2692	Refractory ceramic products	27	18	18	20	2.3	2.3	2.4	...	15205	16802	21339	...
2693	Struct.non-refractory clay; ceramic products	1156	1731	1721	1718	41.1	51.8	53.3	...	146154	266746	346548	...
2694	Cement, lime and plaster	102	96	103	106	17.4	16.7	17.5	...	118027	181205	238201	...
2695	Articles of concrete, cement and plaster	369	381	380	384	18.6	17.6	18.2	...	101698	116043	142567	...
2696	Cutting, shaping & finishing of stone	599	612	653	707	6.9	6.6	7.1	...	21065	28063	35771	...
2699	Other non-metallic mineral products n.e.c.	354	318	321	349	8.6	8.1	8.5	...	31902	42348	52972	...
2710	Basic iron and steel	82	74	73	80	51.8	44.0	43.2	...	386615	383948	541283	...
2720	Basic precious and non-ferrous metals	90	87	91	102	12.5	10.3	10.5	...	86350	102372	163205	...
273	Casting of metals	166	156	161	170	7.3	7.9	11.2	...	31636	46912	103132	...
2731	Casting of iron and steel	105	102	103	118	5.7	6.7	9.9	...	26333	41648	95854	...
2732	Casting of non-ferrous metals	61	54	58	52	1.6	1.2	1.4	...	5303	5264	7278	...
281	Struct.metall products;tanks;steam generators	279	250	260	255	21.4	18.0	18.5	...	101795	97168	135919	...
2811	Structural metal products	165	143	151	160	9.6	8.2	8.5	...	47477	45732	61936	...
2812	Tanks, reservoirs and containers of metal	113	107	109	95	11.9	9.8	10.0	...	54293	51437	73982	...
2813	Steam generators	1	-	-	-	-	-	-	...	25	-	-	...
289	Other metal products; metal working services	823	743	757	752	20.8	20.4	23.0	...	82368	116116	163820	...
2891	Metal forging/pressing/stamping/roll-forming	50	50	50	43	0.8	0.8	0.9	...	2496	3632	4509	...
2892	Treatment & coating of metals	246	219	221	219	4.0	4.1	4.3	...	13640	22901	30508	...
2893	Cutlery, hand tools and general hardware	57	49	52	61	2.4	2.5	2.7	...	8778	12912	16615	...
2899	Other fabricated metal products n.e.c.	470	425	434	429	13.6	13.0	15.0	...	57454	76672	112188	...
291	General purpose machinery	385	353	360	377	21.8	20.8	22.3	...	113276	146144	197327	...
2911	Engines & turbines(not for transport equip.)	11	12	11	12	3.7	4.2	3.9	...	27427	41793	49972	...
2912	Pumps, compressors, taps and valves	121	117	119	122	5.3	5.2	5.7	...	24553	29317	39997	...
2913	Bearings, gears, gearing & driving elements	32	31	33	35	1.3	1.0	1.5	...	7653	7200	14277	...
2914	Ovens, furnaces and furnace burners	32	26	29	29	1.3	1.0	1.7	...	4719	4450	12258	...
2915	Lifting and handling equipment	55	55	58	61	2.8	3.1	3.3	...	14831	20143	28126	...
2919	Other general purpose machinery	134	112	110	118	7.3	6.4	6.2	...	34092	43241	52698	...
292	Special purpose machinery	527	451	458	469	26.3	20.7	21.0	...	131103	128407	159030	...
2921	Agricultural and forestry machinery	120	98	102	104	6.6	5.4	6.0	...	28006	29374	39822	...
2922	Machine tools	92	90	91	90	4.4	4.3	3.8	...	25515	31399	34332	...
2923	Machinery for metallurgy	7	8	7	4	0.1	0.2	0.2	...	494	625	856	...
2924	Machinery for mining & construction	122	85	85	79	9.8	5.6	5.8	...	52830	39685	51453	...
2925	Food/beverage/tobacco processing machinery	78	72	71	80	1.9	1.7	1.8	...	6390	8023	10031	...
2926	Machinery for textile, apparel and leather	50	46	47	45	1.5	1.5	1.3	...	8279	7728	8047	...
2927	Weapons and ammunition	2	...	...	-	0.2	...	...	...	540	...	...	...
2929	Other special purpose machinery	57	52	55	67	1.7	2.0	2.2	...	9048	11574	14488	...
2930	Domestic appliances n.e.c.	246	215	226	232	22.2	20.6	21.6	...	127095	145303	196665	...

continued

## Iran (Islamic Republic of)

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million RIALS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
3000 Office, accounting and computing machinery		22	21	21	44		0.8	0.8	0.9	...		4494	5373	6926	...
3110 Electric motors, generators and transformers		104	104	108	112		4.4	5.1	5.4	...		23078	37663	50471	...
3120 Electricity distribution & control apparatus		61	56	60	58		6.4	5.5	6.2	...		33593	31266	40502	...
3130 Insulated wire and cable		59	60	64	70		6.8	6.6	7.0	...		33753	49498	68736	...
3140 Accumulators, primary cells and batteries		3	2	2	4		0.8	0.4	0.4	...		4051	3640	5712	...
3150 Lighting equipment and electric lamps		62	49	48	52		4.0	3.4	3.5	...		19425	18910	24970	...
3190 Other electrical equipment n.e.c.		36	37	35	44		1.5	1.5	1.5	...		5464	6701	7855	...
3210 Electronic valves, tubes, etc.		23	19	19	18		0.8	0.6	0.7	...		4405	3045	3934	...
3220 TV/radio transmitters; line comm. apparatus		23	22	22	22		4.7	3.8	3.7	...		16817	16371	20118	...
3230 TV and radio receivers and associated goods		27	27	24	32		3.7	3.6	3.6	...		28673	32105	42343	...
331 Medical, measuring, testing appliances, etc.		89	88	90	105		6.7	7.6	6.8	...		28708	35268	47459	...
3311 Medical, surgical and orthopaedic equipment		71	65	67	76		3.8	4.9	4.1	...		14181	19467	26499	...
3312 Measuring/testing/navigating appliances, etc.		17	19	19	23		2.8	2.6	2.6	...		14452	14997	19955	...
3313 Industrial process control equipment		1	4	4	6		-	0.1	0.1	...		76	805	1005	...
3320 Optical instruments & photographic equipment		7	8	7	8		0.2	0.2	0.2	...		678	929	1289	...
3330 Watches and clocks		9	8	8	8		0.2	0.2	0.2	...		710	875	1005	...
3410 Motor vehicles		19	14	17	16		16.7	16.7	19.9	...		159006	205208	311504	...
3420 Automobile bodies, trailers & semi-trailers		34	31	32	38		0.9	0.9	0.9	...		2863	5016	6447	...
3430 Parts/accessories for automobiles		201	181	189	219		9.7	10.5	13.0	...		46142	61006	100849	...
351 Building and repairing of ships and boats		27	26	27	26		2.2	2.0	2.3	...		11746	13841	18915	...
3511 Building and repairing of ships		7	5	6	6		1.6	1.5	1.8	...		9256	10766	15631	...
3512 Building/repairing of pleasure/sport. boats		20	21	21	20		0.6	0.5	0.5	...		2490	3075	3384	...
3520 Railway/tramway locomotives & rolling stock		13	12	13	14		3.7	3.4	4.1	...		20021	21354	30952	...
3530 Aircraft and spacecraft		1	1	1	-		0.4	0.1	0.1	...		2998	675	690	...
359 Transport equipment n.e.c.		48	48	51	50		3.4	3.7	4.1	...		14510	21739	34866	...
3591 Motorcycles		22	22	23	21		2.7	3.0	3.3	...		11643	17604	29260	...
3592 Bicycles and invalid carriages		14	16	17	18		0.5	0.5	0.6	...		1823	2372	3294	...
3599 Other transport equipment n.e.c.		12	10	11	11		0.3	0.3	0.3	...		1044	1762	2313	...
3610 Furniture		277	252	253	253		7.3	6.7	6.9	...		26790	28439	36728	...
369 Manufacturing n.e.c.		124	110	114	112		3.2	3.2	3.4	...		10083	15624	20480	...
3691 Jewellery and related articles		23	22	21	19		0.3	0.3	0.3	...		917	1245	1387	...
3692 Musical instruments		-	-	1	1		-	-	-	...		-	-	21	...
3693 Sports goods		9	8	9	9		0.2	0.2	0.2	...		483	866	1184	...
3694 Games and toys		8	4	4	4		0.2	0.1	0.2	...		571	471	780	...
3699 Other manufacturing n.e.c.		84	76	79	79		2.5	2.6	2.8	...		8112	13041	17108	...
3710 Recycling of metal waste and scrap		1	1	1	-		-	-	-	...		13	34	32	...
3720 Recycling of non-metal waste and scrap		4	5	5	8		-	-	-	...		111	134	163	...
D Total manufacturing		13246	12987	13371	13904		835.5	793.8	832.3	...		4317621	5338106	7156886	...

a/ Data suppressed due to confidentiality rules.

## Iran (Islamic Republic of)

ISIC Industry	Note	Output				Note	Value added				Note	Gross fixed capital formation	
		(million RIALS)					(million RIALS)					(million RIALS)	
		1994	1995	1996	1997		1994	1995	1996	1997		1996	1997
151 Processed meat, fish, fruit, vegetables, fats		2867053	4543954	5758843	...	712615	964874	1314254	...		178705	...	
1511 Processing/preserving of meat		756532	878332	1202799	...	122912	216773	311066	...		35420	...	
1512 Processing/preserving of fish		143652	1234513	1730730	...	46097	70066	148770	...		16747	...	
1513 Processing/preserving of fruit & vegetables		928140	825739	1096082	...	334580	304049	439228	...		64334	...	
1514 Vegetable and animal oils and fats		1038729	1605371	1729233	...	209025	373986	415190	...		62204	...	
1520 Dairy products		432338	729817	1149220	...	111332	178710	211234	...		69562	...	
153 Grain mill products; starches; animal feeds		580687	490225	587873	...	151033	201809	233917	...		63009	...	
1531 Grain mill products		342836	166774	203471	...	79145	108942	132431	...		42997	...	
1532 Starches and starch products		39449	46407	71739	...	17197	17513	27658	...		8045	...	
1533 Prepared animal feeds		198302	277044	312664	...	54692	75354	73827	...		11967	...	
154 Other food products		1928751	2661075	3173486	...	805865	934785	1107258	...		247060	...	
1541 Bakery products		457025	803607	1068308	...	189023	334358	437247	...		52525	...	
1542 Sugar		867911	1133628	1113204	...	382964	395803	353070	...		57650	...	
1543 Cocoa, chocolate and sugar confectionery		256671	159067	209096	...	95656	54785	65313	...		15514	...	
1544 Macaroni, noodles & similar products		130994	181566	273084	...	43578	63485	79531	...		18857	...	
1549 Other food products n.e.c.		216149	383207	509795	...	94644	126355	172097	...		102613	...	
155 Beverages		443303	637524	871686	...	250956	355783	482083	...		45726	...	
1551 Distilling, rectifying & blending of spirits		16474	24722	36810	...	8213	9891	17204	...		2544	...	
1552 Wines		-	-	-	...	-	-	-	...		-	...	
1553 Malt liquors and malt		10474	38796	133293	...	4812	25153	95234	...		1380	...	
1554 Soft drinks; mineral waters		416354	574006	701583	...	237931	320739	369645	...		41803	...	
1600 Tobacco products		255272	256341	407335	...	168645	177147	288100	...		17657	...	
171 Spinning, weaving and finishing of textiles		3226895	4230060	4956169	...	1184031	1573592	1863627	...		295109	...	
1711 Textile fibre preparation; textile weaving		3136471	4131039	4824709	...	1155890	1530681	1809253	...		283622	...	
1712 Finishing of textiles		90423	99022	131460	...	28142	42911	54374	...		11487	...	
172 Other textiles		975981	1305841	1613262	...	288955	399325	498892	...		84213	...	
1721 Made-up textile articles, except apparel		108394	144943	194896	...	33781	43026	59357	...		7393	...	
1722 Carpets and rugs		829228	1117026	1361465	...	241885	340230	422740	...		73623	...	
1723 Cordage, rope, twine and netting		14863	19353	23701	...	5693	6971	5635	...		607	...	
1729 Other textiles n.e.c.		23496	24519	33200	...	7596	9097	11160	...		2590	...	
1730 Knitted and crocheted fabrics and articles		98688	135309	154970	...	32213	52666	62572	...		6710	...	
1810 Wearing apparel, except fur apparel		276054	271190	331670	...	110899	114057	130690	...		12759	...	
1820 Dressing & dyeing of fur; processing of fur		5046	15754	15786	...	1388	5746	5841	...		173	...	
191 Tanning, dressing and processing of leather		243797	258703	331749	...	68480	67372	80043	...		8447	...	
1911 Tanning and dressing of leather		234889	250650	322077	...	65276	64610	76598	...		8299	...	
1912 Luggage, handbags, etc.; saddlery & harness		8908	8053	9673	...	3204	2762	3445	...		148	...	
1920 Footwear		315236	404491	474152	...	116563	152709	184242	...		12981	...	
2010 Sawmilling and planing of wood		47617	33966	43962	...	26973	16786	26475	...		2100	...	
202 Products of wood, cork, straw, etc.		208613	284505	343511	...	94599	127863	148203	...		45958	...	
2021 Veneer sheets, plywood, particle board, etc.		143722	216101	262999	...	65389	95980	110911	...		35129	...	
2022 Builders' carpentry and joinery		40111	36334	43215	...	18384	17079	20018	...		8565	...	
2023 Wooden containers		6542	12079	14098	...	2973	5884	6922	...		351	...	
2029 Other wood products; articles of cork/straw		18239	19991	23199	...	7853	8920	10352	...		1913	...	
210 Paper and paper products		812313	1021374	1298042	...	346925	382575	467200	...		65372	...	
2101 Pulp, paper and paperboard		313258	305368	432617	...	148937	161496	206844	...		26194	...	
2102 Corrugated paper and paperboard		355515	512921	631233	...	127430	155144	191341	...		13781	...	
2109 Other articles of paper and paperboard		143540	203085	234193	...	70558	65935	69015	...		25397	...	
221 Publishing		184840	243670	320397	...	74543	141245	181736	...		29240	...	
2211 Publishing of books and other publications		90837	131891	184352	...	47900	71858	96582	...		19293	...	
2212 Publishing of newspapers, journals, etc.		88583	101551	129740	...	23498	65805	81910	...		6644	...	
2213 Publishing of recorded media		148	-	-	...	60	-	-	...		-	...	
2219 Other publishing		5272	10228	6305	...	3085	3582	3245	...		3303	...	

continued



## Iran (Islamic Republic of)

ISIC Revision 3 ISIC Industry	Output				Value added				Gross fixed capital formation			
	Note	(million RIALS)				Note	(million RIALS)				(million RIALS)	
		1994	1995	1996	1997		1994	1995	1996	1997	1996	1997
222 Printing and related service activities		141325	128064	164932	...	67172	55845	70823	...	15926	...	
2221 Printing		130627	113291	143991	...	63472	48840	61768	...	13885	...	
2222 Service activities related to printing		10699	14773	20941	...	3700	7005	9055	...	2041	...	
2230 Reproduction of recorded media		-	-	-	...	-	-	-	...	-	...	
2310 Coke oven products		2865	2499	2624	...	725	623	612	...	14	...	
2320 Refined petroleum products		1127999	1215812	1668223	...	737488	368958	536951	...	341628	...	
2330 Processing of nuclear fuel		-	-	-	...	-	-	-	...	-	...	
241 Basic chemicals		1927820	3218411	4722592	...	1213120	1872829	2982523	...	394198	...	
2411 Basic chemicals, except fertilizers		293236	425205	590467	...	166167	206147	256774	...	41815	...	
2412 Fertilizers and nitrogen compounds		500616	622818	865435	...	397561	432875	623440	...	38610	...	
2413 Plastics in primary forms; synthetic rubber		1133969	2170388	3266691	...	649392	1233807	2102309	...	313773	...	
242 Other chemicals		2067143	2915370	3822701	...	828510	1119774	1450194	...	150312	...	
2421 Pesticides and other agro-chemical products		42813	51017	78644	...	13346	12470	20224	...	8494	...	
2422 Paints, varnishes, printing ink and mastics		352963	483590	743119	...	86850	126378	207499	...	24490	...	
2423 Pharmaceuticals, medicinal chemicals, etc.		665849	1089847	1196476	...	333194	510182	455724	...	54047	...	
2424 Soap, cleaning & cosmetic preparations		747677	831190	1232657	...	293847	237916	475190	...	41883	...	
2429 Other chemical products n.e.c.		257841	459726	571804	...	101272	232828	291556	...	21398	...	
2430 Man-made fibres		346321	517946	577994	...	140681	236760	311252	...	15794	...	
251 Rubber products		698506	794106	1159911	...	307590	235825	496286	...	965676	...	
2511 Rubber tyres and tubes		587747	659649	975368	...	264484	187235	429454	...	950315	...	
2519 Other rubber products		110759	134457	184543	...	43106	48590	66832	...	15362	...	
2520 Plastic products		588004	871192	1019670	...	182831	320064	371795	...	78456	...	
2610 Glass and glass products		337953	441987	528452	...	169156	199743	249539	...	73285	...	
269 Non-metallic mineral products n.e.c.		2493979	3344354	4542373	...	1428632	1891719	2526238	...	729181	...	
2691 Pottery, china and earthenware		132189	193435	259503	...	73661	109438	152869	...	14099	...	
2692 Refractory ceramic products		80695	174560	254359	...	37089	96429	134937	...	12119	...	
2693 Struct.non-refractory clay; ceramic products		585308	981661	1270179	...	349767	636619	817970	...	154545	...	
2694 Cement, lime and plaster		763366	784752	1119172	...	521689	475480	649901	...	434902	...	
2695 Articles of concrete, cement and plaster		527594	609282	841936	...	244992	290744	389412	...	49493	...	
2696 Cutting, shaping & finishing of stone		186536	281993	351938	...	77905	125515	156541	...	18443	...	
2699 Other non-metallic mineral products n.e.c.		218290	318672	445287	...	123527	157494	224608	...	45580	...	
2710 Basic iron and steel		4042711	5751067	9376939	...	1544207	1912489	4105051	...	1096676	...	
2720 Basic precious and non-ferrous metals		1438708	1764846	2183144	...	656149	639164	837365	...	67901	...	
273 Casting of metals		171124	317666	527667	...	69130	123638	230819	...	45128	...	
2731 Casting of iron and steel		126318	267768	459783	...	53158	104432	203676	...	39121	...	
2732 Casting of non-ferrous metals		44806	49898	67884	...	15972	19206	27143	...	6007	...	
281 Struct.metall products;tanks;steam generators		668640	766575	1090876	...	347932	363544	500657	...	47158	...	
2811 Structural metal products		323647	352036	532324	...	147377	141489	216377	...	22587	...	
2812 Tanks, reservoirs and containers of metal		344870	414539	558552	...	200506	222055	284280	...	24571	...	
2813 Steam generators		123	-	-	...	48	-	-	...	-	...	
289 Other metal products; metal working services		681700	953754	1737315	...	265345	397986	919705	...	141621	...	
2891 Metal forging/pressing/stamping/roll-forming		23084	35423	40750	...	7954	14998	15991	...	1917	...	
2892 Treatment & coating of metals		74774	115985	176571	...	32709	58123	93042	...	11296	...	
2893 Cutlery, hand tools and general hardware		58468	92924	83815	...	33322	42511	37962	...	8090	...	
2899 Other fabricated metal products n.e.c.		525374	709422	1436179	...	191360	282353	772710	...	120317	...	
291 General purpose machinery		732062	949789	1415839	...	343510	426455	624070	...	103993	...	
2911 Engines & turbines(not for transport equip.)		99835	174835	243247	...	52433	86901	113418	...	12300	...	
2912 Pumps, compressors, taps and valves		163580	221239	307547	...	70720	100729	152169	...	28196	...	
2913 Bearings, gears, gearing & driving elements		38299	27983	86657	...	18697	16993	35623	...	19512	...	
2914 Ovens, furnaces and furnace burners		35167	35679	67929	...	15118	16739	35098	...	2985	...	
2915 Lifting and handling equipment		105201	121883	168082	...	60556	65679	85107	...	14264	...	
2919 Other general purpose machinery		289980	368171	540376	...	125986	139414	202655	...	26736	...	

292 Special purpose machinery	734694	797603	1137599	...	370855	328808	459336	...	87412	...
2921 Agricultural and forestry machinery	301509	261939	378628	...	140058	82780	108675	...	48587	...
2922 Machine tools	95132	130736	172237	...	49219	59459	76666	...	8841	...
2923 Machinery for metallurgy	6596	3018	4351	...	3450	1349	2007	...	84	...
2924 Machinery for mining & construction	179695	185126	305599	...	107329	79280	127157	...	20564	...
2925 Food/beverage/tobacco processing machinery	64004	68810	86629	...	26851	29836	40103	...	2917	...
2926 Machinery for textile, apparel and leather	92540	92540	92031	...	25061	47709	52010	...	3523	...
2927 Weapons and ammunition	1782	... a/	... a/	...	1193	... a/	... a/	...	2896	...
2929 Other special purpose machinery	34198	55435	98125	...	17694	28396	52718	...	2896	...
2930 Domestic appliances n.e.c.	916429	1221596	1838495	...	386907	458120	657645	...	54083	...
3000 Office, accounting and computing machinery	64836	60964	104724	...	37868	23626	38586	...	3466	...
3110 Electric motors, generators and transformers	181164	273306	341289	...	78594	125571	125817	...	26246	...
3120 Electricity distribution & control apparatus	141816	198239	286591	...	69874	109155	159095	...	16721	...
3130 Insulated wire and cable	413299	636087	884378	...	107164	226122	323009	...	65404	...
3140 Accumulators, primary cells and batteries	13632	24633	29645	...	8075	16875	18814	...	581	...
3150 Lighting equipment and electric lamps	88597	125103	184050	...	43587	56687	87896	...	8860	...
3190 Other electrical equipment n.e.c.	27216	50288	54422	...	13253	20039	23962	...	5559	...
3210 Electronic valves, tubes, etc.	23290	30296	43959	...	10442	9158	12374	...	1507	...
3220 TV/radio transmitters; line comm. apparatus	72841	68996	95632	...	34907	39982	48868	...	5585	...
3230 TV and radio receivers and associated goods	229131	266774	618308	...	76046	117013	272555	...	12944	...
331 Medical, measuring, testing appliances, etc.	171687	249707	362137	...	65838	116331	157234	...	30653	...
3311 Medical, surgical and orthopaedic equipment	91984	142107	209314	...	40996	73004	87614	...	24753	...
3312 Measuring/testing/navigating appliances, etc.	78931	103275	146118	...	24434	41604	66408	...	5863	...
3313 Industrial process control equipment	772	4325	6706	...	409	1722	3212	...	38	...
3320 Optical instruments & photographic equipment	3486	7651	7985	...	1664	3288	3594	...	531	...
3330 Watches and clocks	14704	12024	15525	...	6005	3262	4101	...	111	...
3410 Motor vehicles	1659228	2935616	4453075	...	608385	1116316	1415505	...	157432	...
3420 Automobile bodies, trailers & semi-trailers	31951	38582	60150	...	11551	17229	16957	...	3081	...
3430 Parts/accessories for automobiles	301884	440966	797379	...	144236	223499	410220	...	103048	...
351 Building and repairing of ships and boats	33027	53358	69740	...	17946	33373	46237	...	16689	...
3511 Building and repairing of ships	22514	33932	49693	...	13358	25003	38399	...	15769	...
3512 Building/repairing of pleasure/sport. boats	10513	19427	20047	...	4588	8370	7837	...	921	...
3520 Railway/tramway locomotives & rolling stock	60262	102123	113082	...	22664	33815	44790	...	2254	...
3530 Aircraft and spacecraft	8645	8645	8644	...	7633	7716	7712	...	-	...
359 Transport equipment n.e.c.	150650	233579	308042	...	73882	77686	138983	...	17778	...
3591 Motorcycles	124707	175833	236163	...	64942	59554	111570	...	13489	...
3592 Bicycles and invalid carriages	13505	45405	55207	...	6361	12698	20131	...	2661	...
3599 Other transport equipment n.e.c.	12437	12341	16671	...	2579	5434	7282	...	1628	...
3610 Furniture	139929	180646	232927	...	64837	81130	98690	...	10805	...
369 Manufacturing n.e.c.	97196	149252	194396	...	34165	50744	67262	...	21889	...
3691 Jewellery and related articles	6977	6759	7479	...	2802	3100	3373	...	330	...
3692 Musical instruments	-	-	10	...	-	-	4	...	-	...
3693 Sports goods	3117	4449	5809	...	1033	1606	2562	...	899	...
3694 Games and toys	2353	2967	5685	...	1132	1104	2415	...	1083	...
3699 Other manufacturing n.e.c.	84748	135077	175412	...	29198	44935	58908	...	19577	...
3710 Recycling of metal waste and scrap	140	120	115	...	59	94	93	...	3	...
3720 Recycling of non-metal waste and scrap	1268	1224	1510	...	317	362	432	...	12	...
D Total manufacturing	36135651	49643713	68617174	...	15216105	19308461	28140015	...	6104387	...

a/ Data suppressed due to confidentiality rules.

## Iran (Islamic Republic of)

ISIC Revision 3		Index numbers of industrial production											
		(1990=100)											
ISIC Industry	Note	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15	Food and beverages	...	...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles	114	102	93	100	114	120	123	134	133	145	147	...
18	Wearing apparel, fur	...	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products	...	...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products	70	66	74	100	101	105	107	126	137	150	160	...
25	Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products	88	84	87	100	111	118	115	108	123	132	145	...
27	Basic metals	...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products	113	92	78	100	136	143	142	144	132	155	165	...
29	Machinery and equipment n.e.c.	a/ 89	72	67	100	150	157	154	133	121	149	191	...
30	Office, accounting and computing machinery	a/ ...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	b/ 74	71	77	100	160	181	175	142	139	161	226	...
32	Radio, television and communication equipment	b/ ...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	c/ 94	101	88	100	265	277	275	204	314	298	438	...
35	Other transport equipment	c/ ...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	79	73	77	100	121	125	121	129	138	146	...	...

a/ 29 includes 30.  
b/ 31 includes 32.  
c/ 34 includes 35.

## IRAQ

<p><b>Supplier of information:</b> Central Statistical Organization, Ministry of Planning, Baghdad.</p> <p><b>Basic source of data:</b> Not reported.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Not reported.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b></p>
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## Iraq

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees							
	Note	(numbers)				Note	(numbers)				Note	(million DINARS)				
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998	
ISIC Industry																
151 Processed meat, fish, fruit, vegetables, fats		...	...	...	...		...	...	...	...		...	...	...	...	
1511 Processing/preserving of meat		...	...	...	...		...	...	...	...		...	...	...	...	
1512 Processing/preserving of fish		...	...	...	...		...	...	...	...		...	...	...	...	
1513 Processing/preserving of fruit & vegetables		...	...	...	...		...	...	...	...		...	...	...	...	
1514 Vegetable and animal oils and fats		...	...	...	...		...	...	...	...		...	...	...	...	
1520 Dairy products		...	...	...	...		...	...	...	...		...	...	...	...	
153 Grain mill products; starches; animal feeds		...	...	...	...		...	...	...	...		...	...	...	...	
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...	...	...	
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...	...	...	
1533 Prepared animal feeds		...	...	...	...		...	...	...	...		...	...	...	...	
154 Other food products		...	...	...	...		...	...	...	...		...	...	...	...	
1541 Bakery products		...	...	...	...		...	...	...	...		...	...	...	...	
1542 Sugar		...	...	...	...		...	...	...	...		...	...	...	...	
1543 Cocoa, chocolate and sugar confectionery		...	...	...	...		...	...	...	...		...	...	...	...	
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...	...	...	
1549 Other food products n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...	
155 Beverages		...	...	...	21		...	...	...	2952		...	...	...	...	1110.9
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...	...	...	
1552 wines		...	...	...	...		...	...	...	...		...	...	...	...	
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...	...	...	
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...	...	...	...	
1600 Tobacco products		...	...	...	1		...	...	...	1803		...	...	...	...	751.9
171 Spinning, weaving and finishing of textiles		...	...	...	...		...	...	...	...		...	...	...	...	
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...		...	...	...	...	
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...	...	...	
172 Other textiles		...	...	...	...		...	...	...	...		...	...	...	...	
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...	...	...	...	
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	...	...	
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...	...	...	
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...	
1730 Knitted and crocheted fabrics and articles		...	...	...	...		...	...	...	...		...	...	...	...	
1810 Wearing apparel, except fur apparel		...	...	...	...		...	...	...	...		...	...	...	...	
1820 Dressing & dyeing of fur; processing of fur		...	...	...	...		...	...	...	...		...	...	...	...	
191 Tanning, dressing and processing of leather		...	...	...	...		...	...	...	...		...	...	...	...	
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...		...	...	...	...	
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...	...	...	...	
1920 Footwear		...	...	...	4		...	...	...	2567		...	...	...	...	564.7
2010 Sawmilling and planing of wood		...	...	...	...		...	...	...	...		...	...	...	...	
202 Products of wood, cork, straw, etc.		...	...	...	...		...	...	...	...		...	...	...	...	
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...		...	...	...	...		...	...	...	...	
2022 Builders' carpentry and joinery		...	...	...	...		...	...	...	...		...	...	...	...	
2023 Wooden containers		...	...	...	...		...	...	...	...		...	...	...	...	
2029 Other wood products; articles of cork/straw		...	...	...	...		...	...	...	...		...	...	...	...	
210 Paper and paper products		...	...	...	6		...	...	...	5523		...	...	...	...	983.0
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...	
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...	
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...	
221 Publishing		...	...	...	18		...	...	...	1648		...	...	...	...	186.1
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...	...	...	
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...	...	...	
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...	...	...	
2219 Other publishing		...	...	...	...		...	...	...	...		...	...	...	...	

222	Printing and related service activities	...	...	...	...	...	...	...	...
2221	Printing	...	...	...	...	...	...	...	...
2222	Service activities related to printing	...	...	...	...	...	...	...	...
2230	Reproduction of recorded media	...	...	...	...	...	...	...	...
2310	Coke oven products	...	...	...	...	...	...	...	...
2320	Refined petroleum products	...	...	...	...	...	...	...	...
2330	Processing of nuclear fuel	...	...	...	...	...	...	...	...
241	Basic chemicals	...	...	10	...	8393	...	...	3787.7
2411	Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...
2412	Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...
242	Other chemicals	...	...	...	...	...	...	...	...
2421	Pesticides and other agro-chemical products	...	...	...	...	...	...	...	...
2422	Paints, varnishes, printing ink and mastics	...	...	...	...	...	...	...	...
2423	Pharmaceuticals, medicinal chemicals, etc.	...	...	...	...	...	...	...	...
2424	Soap, cleaning & cosmetic preparations	...	...	...	...	...	...	...	...
2429	Other chemical products n.e.c.	...	...	...	...	...	...	...	...
2430	Man-made fibres	...	...	...	...	...	...	...	...
251	Rubber products	...	...	...	...	...	...	...	...
2511	Rubber tyres and tubes	...	...	...	...	...	...	...	...
2519	Other rubber products	...	...	...	...	...	...	...	...
2520	Plastic products	...	...	...	...	...	...	...	...
2610	Glass and glass products	...	...	5	...	1515	...	...	762.4
269	Non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...
2691	Pottery, china and earthenware	...	...	...	...	...	...	...	...
2692	Refractory ceramic products	...	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...
2694	Cement, lime and plaster	...	...	...	...	...	...	...	...
2695	Articles of concrete, cement and plaster	...	...	...	...	...	...	...	...
2696	Cutting, shaping & finishing of stone	...	...	...	...	...	...	...	...
2699	Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...
2710	Basic iron and steel	...	...	1	...	3664	...	...	950.7
2720	Basic precious and non-ferrous metals	...	...	...	...	...	...	...	...
273	Casting of metals	...	...	...	...	...	...	...	...
2731	Casting of iron and steel	...	...	...	...	...	...	...	...
2732	Casting of non-ferrous metals	...	...	...	...	...	...	...	...
281	Struct.metal products;tanks;steam generators	...	...	...	...	...	...	...	...
2811	Structural metal products	...	...	...	...	...	...	...	...
2812	Tanks, reservoirs and containers of metal	...	...	...	...	...	...	...	...
2813	Steam generators	...	...	...	...	...	...	...	...
289	Other metal products; metal working services	...	...	...	...	...	...	...	...
2891	Metal forging/pressing/stamping/roll-forming	...	...	...	...	...	...	...	...
2892	Treatment & coating of metals	...	...	...	...	...	...	...	...
2893	Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...
2899	Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...
291	General purpose machinery	...	...	...	...	...	...	...	...
2911	Engines & turbines(not for transport equip.)	...	...	...	...	...	...	...	...
2912	Pumps, compressors, taps and valves	...	...	...	...	...	...	...	...
2913	Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...
2914	Ovens, furnaces and furnace burners	...	...	...	...	...	...	...	...
2915	Lifting and handling equipment	...	...	...	...	...	...	...	...
2919	Other general purpose machinery	...	...	...	...	...	...	...	...
292	Special purpose machinery	...	...	...	...	...	...	...	...
2921	Agricultural and forestry machinery	...	...	...	...	...	...	...	...
2922	Machine tools	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	...	...	...	...	...	...	...	...

continued

## Iraq

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million DINARS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
3000 Office, accounting and computing machinery		...	...	...	...		...	...	...	...		...	...	...	...
3110 Electric motors, generators and transformers		...	...	...	...		...	...	...	...		...	...	...	...
3120 Electricity distribution & control apparatus		...	...	...	...		...	...	...	...		...	...	...	...
3130 Insulated wire and cable		...	...	...	...		...	...	...	...		...	...	...	...
3140 Accumulators, primary cells and batteries		...	...	...	...		...	...	...	...		...	...	...	...
3150 Lighting equipment and electric lamps		...	...	...	...		...	...	...	...		...	...	...	...
3190 Other electrical equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3210 Electronic valves, tubes, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3220 TV/radio transmitters; line comm. apparatus		...	...	...	...		...	...	...	...		...	...	...	...
3230 TV and radio receivers and associated goods		...	...	...	...		...	...	...	...		...	...	...	...
331 Medical, measuring, testing appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3311 Medical, surgical and orthopaedic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3313 Industrial process control equipment		...	...	...	...		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3330 Watches and clocks		...	...	...	...		...	...	...	...		...	...	...	...
3410 Motor vehicles		...	...	...	...		...	...	...	...		...	...	...	...
3420 Automobile bodies, trailers & semi-trailers		...	...	...	...		...	...	...	...		...	...	...	...
3430 Parts/accessories for automobiles		...	...	...	...		...	...	...	...		...	...	...	...
351 Building and repairing of ships and boats		...	...	...	...		...	...	...	...		...	...	...	...
3511 Building and repairing of ships		...	...	...	...		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		...	...	...	...		...	...	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		...	...	...	...		...	...	...	...		...	...	...	...
3530 Aircraft and spacecraft		...	...	...	...		...	...	...	...		...	...	...	...
359 Transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3591 Motorcycles		...	...	...	...		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		...	...	...	...		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3610 Furniture		...	...	...	...		...	...	...	...		...	...	...	...
369 Manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3691 Jewellery and related articles		...	...	...	...		...	...	...	...		...	...	...	...
3692 Musical instruments		...	...	...	...		...	...	...	...		...	...	...	...
3693 Sports goods		...	...	...	...		...	...	...	...		...	...	...	...
3694 Games and toys		...	...	...	...		...	...	...	...		...	...	...	...
3699 Other manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3710 Recycling of metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
3720 Recycling of non-metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
D Total manufacturing		...	...	...	...		...	...	...	...		...	...	...	...

## Iraq

ISIC Revision 3	Output				Value added in factor values				Gross fixed capital formation			
	Note	(million DINARS)				Note	(million DINARS)				(million DINARS)	
		1995	1996	1997	1998		1995	1996	1997	1998a/	Note	1997
ISIC Industry												
151 Processed meat, fish, fruit, vegetables, fats		...	...	...	...	9243.1b/	11282.1b/	20832.1b/	...		...	...
1511 Processing/preserving of meat		...	...	...	...	...	...	...	...		...	...
1512 Processing/preserving of fish		...	...	...	...	...	...	...	...		...	...
1513 Processing/preserving of fruit & vegetables		...	...	...	...	...	...	...	...		...	...
1514 Vegetable and animal oils and fats		...	...	...	...	...	...	...	...		...	...
1520 Dairy products		...	...	...	...	...	...	...	...		...	...
153 Grain mill products; starches; animal feeds		...	...	...	...	...b/	...b/	...b/	...		...	...
1531 Grain mill products		...	...	...	...	...b/	...b/	...b/	...		...	...
1532 Starches and starch products		...	...	...	...	...	...	...	...		...	...
1533 Prepared animal feeds		...	...	...	...	...	...	...	...		...	...
154 Other food products		...	...	...	...	...	...	...	...		...	...
1541 Bakery products		...	...	...	...	...b/	...b/	...b/	...		...	...
1542 Sugar		...	...	...	...	...	...	...	...		...	...
1543 Cocoa, chocolate and sugar confectionery		...	...	...	...	...	...	...	...		...	...
1544 Macaroni, noodles & similar products		...	...	...	...	...	...	...	...		...	...
1549 Other food products n.e.c.		...	...	...	...	...	...	...	...		...	...
155 Beverages		...	...	...	16737.0	...	...	...	...		...	...
1551 Distilling, rectifying & blending of spirits		...	...	...	...	1440.4c/	2640.2c/	7564.1c/	...		...	...
1552 Wines		...	...	...	...	...	...	...	...		...	...
1553 Malt liquors and malt		...	...	...	...	...	...	...	...		...	...
1554 Soft drinks; mineral waters		...	...	...	...	...	...	...	...		...	...
1600 Tobacco products		...	...	...	13599.0	...c/	...c/	...c/	...		...	...
171 Spinning, weaving and finishing of textiles		...	...	...	...	5714.3	7626.6	3677.1	...		...	...
1711 Textile fibre preparation; textile weaving		...	...	...	...	...	...	...	...		...	...
1712 Finishing of textiles		...	...	...	...	...	...	...	...		...	...
172 Other textiles		...	...	...	...	...	...	...	...		...	...
1721 Made-up textile articles, except apparel		...	...	...	...	...	...	...	...		...	...
1722 Carpets and rugs		...	...	...	...	...	...	...	...		...	...
1723 Cordage, rope, twine and netting		...	...	...	...	...	...	...	...		...	...
1729 Other textiles n.e.c.		...	...	...	...	...	...	...	...		...	...
1730 Knitted and crocheted fabrics and articles		...	...	...	...	...	...	...	...		...	...
1810 Wearing apparel, except fur apparel		...	...	...	...	16351.0d/	5568.5d/	7012.1d/	...		...	...
1820 Dressing & dyeing of fur; processing of fur		...	...	...	...	...d/	...d/	...d/	...		...	...
191 Tanning, dressing and processing of leather		...	...	...	...	3198.6e/	2741.9e/	3388.0e/	...		...	...
1911 Tanning and dressing of leather		...	...	...	...	...	...	...	...		...	...
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...	...	...	...	...		...	...
1920 Footwear		...	...	...	11544.9	...e/	...e/	...e/	...		...	...
2010 Sawmilling and planing of wood		...	...	...	...	5129.1f/	4605.0f/	5499.5f/	...		...	...
202 Products of wood, cork, straw, etc.		...	...	...	...	...f/	...f/	...f/	...		...	...
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...	...	...	...	...		...	...
2022 Builders' carpentry and joinery		...	...	...	...	...	...	...	...		...	...
2023 Wooden containers		...	...	...	...	...	...	...	...		...	...
2029 Other wood products; articles of cork/straw		...	...	...	...	...	...	...	...		...	...
210 Paper and paper products		...	...	...	11431.7	4231.0g/	1831.8g/	1255.2g/	...		...	...
2101 Pulp, paper and paperboard		...	...	...	...	...	...	...	...		...	...
2102 Corrugated paper and paperboard		...	...	...	...	...	...	...	...		...	...
2109 Other articles of paper and paperboard		...	...	...	...	...	...	...	...		...	...
221 Publishing		...	...	...	1699.6	...g/	...g/	...g/	...		...	...
2211 Publishing of books and other publications		...	...	...	...	...	...	...	...		...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...	...	...	...	...		...	...
2213 Publishing of recorded media		...	...	...	...	...	...	...	...		...	...
2219 Other publishing		...	...	...	...	...	...	...	...		...	...

continued



## Iraq

ISIC Revision 3	Output				Value added in factor values				Gross fixed capital formation				
	Note	(million DINARS)				Note	(million DINARS)				(million DINARS)		
		1995	1996	1997	1998		1995	1996	1997	1998a/	1997	1998	
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998a/	Note	1997	1998
222 Printing and related service activities		...	...	...	...		...g/	...g/	...g/	...		...	...
2221 Printing		...	...	...	...		...	...	...	...		...	...
2222 Service activities related to printing		...	...	...	...		...	...	...	...		...	...
2230 Reproduction of recorded media		...	...	...	...		...g/	...g/	...g/	...		...	...
2310 Coke oven products		...	...	...	...		...	...	...	...		...	...
2320 Refined petroleum products		...	...	...	...		...	...	...	...		...	...
2330 Processing of nuclear fuel		...	...	...	...		...	...	...	...		...	...
241 Basic chemicals		...	...	...	23344.7		15959.1	5061.1	20806.3	...		...	...
2411 Basic chemicals, except fertilizers		...	...	...	...		...	...	...	...		...	...
2412 Fertilizers and nitrogen compounds		...	...	...	...		...	...	...	...		...	...
2413 Plastics in primary forms; synthetic rubber		...	...	...	...		...	...	...	...		...	...
242 Other chemicals		...	...	...	...		...	...	...	...		...	...
2421 Pesticides and other agro-chemical products		...	...	...	...		...	...	...	...		...	...
2422 Paints, varnishes, printing ink and mastics		...	...	...	...		...	...	...	...		...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		...	...	...	...		...	...	...	...		...	...
2424 Soap, cleaning & cosmetic preparations		...	...	...	...		...	...	...	...		...	...
2429 Other chemical products n.e.c.		...	...	...	...		...	...	...	...		...	...
2430 Man-made fibres		...	...	...	...		...	...	...	...		...	...
251 Rubber products		...	...	...	...		...	...	...	...		...	...
2511 Rubber tyres and tubes		...	...	...	...		...	...	...	...		...	...
2519 Other rubber products		...	...	...	...		...	...	...	...		...	...
2520 Plastic products		...	...	...	...		...	...	...	...		...	...
2610 Glass and glass products		...	...	...	1182.9		12290.0h/	7609.9h/	8116.5h/	...		...	...
269 Non-metallic mineral products n.e.c.		...	...	...	...		...h/	...h/	...h/	...		...	...
2691 Pottery, china and earthenware		...	...	...	...		...	...	...	...		...	...
2692 Refractory ceramic products		...	...	...	...		...	...	...	...		...	...
2693 Struct.non-refractory clay; ceramic products		...	...	...	...		...	...	...	...		...	...
2694 Cement, lime and plaster		...	...	...	...		...	...	...	...		...	...
2695 Articles of concrete, cement and plaster		...	...	...	...		...	...	...	...		...	...
2696 Cutting, shaping & finishing of stone		...	...	...	...		...	...	...	...		...	...
2699 Other non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...		...	...
2710 Basic iron and steel		...	...	...	1698.5		...	...	...	...		...	...
2720 Basic precious and non-ferrous metals		...	...	...	...		1.8	-	-	...		...	...
273 Casting of metals		...	...	...	...		...	...	...	...		...	...
2731 Casting of iron and steel		...	...	...	...		...	...	...	...		...	...
2732 Casting of non-ferrous metals		...	...	...	...		...	...	...	...		...	...
281 Struct.metal products;tanks;steam generators		...	...	...	...		9992.5i/	9557.0i/	12036.8i/	...		...	...
2811 Structural metal products		...	...	...	...		...	...	...	...		...	...
2812 Tanks, reservoirs and containers of metal		...	...	...	...		...	...	...	...		...	...
2813 Steam generators		...	...	...	...		...	...	...	...		...	...
289 Other metal products; metal working services		...	...	...	...		...i/	...i/	...i/	...		...	...
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	...		...	...	...	...		...	...
2892 Treatment & coating of metals		...	...	...	...		...	...	...	...		...	...
2893 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...		...	...
2899 Other fabricated metal products n.e.c.		...	...	...	...		...	...	...	...		...	...
291 General purpose machinery		...	...	...	...		...i/	...i/	...i/	...		...	...
2911 Engines & turbines(not for transport equip.)		...	...	...	...		...	...	...	...		...	...
2912 Pumps, compressors, taps and valves		...	...	...	...		...	...	...	...		...	...
2913 Bearings, gears, gearing & driving elements		...	...	...	...		...	...	...	...		...	...
2914 Ovens, furnaces and furnace burners		...	...	...	...		...	...	...	...		...	...
2915 Lifting and handling equipment		...	...	...	...		...	...	...	...		...	...
2919 Other general purpose machinery		...	...	...	...		...	...	...	...		...	...

292	Special purpose machinery	...	...	...	...	...i/	...i/	...i/	...	...
2921	Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...
2922	Machine tools	...	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	...	...	...	...	...i/	...i/	...i/	...	...
3000	Office, accounting and computing machinery	...	...	...	...	2372.6j/	1307.6j/	384.0j/	...	...
3110	Electric motors, generators and transformers	...	...	...	...	...j/	...j/	...j/	...	...
3120	Electricity distribution & control apparatus	...	...	...	...	...j/	...j/	...j/	...	...
3130	Insulated wire and cable	...	...	...	...	...j/	...j/	...j/	...	...
3140	Accumulators, primary cells and batteries	...	...	...	...	...j/	...j/	...j/	...	...
3150	Lighting equipment and electric lamps	...	...	...	...	...j/	...j/	...j/	...	...
3190	Other electrical equipment n.e.c.	...	...	...	...	...j/	...j/	...j/	...	...
3210	Electronic valves, tubes, etc.	...	...	...	...	...j/	...j/	...j/	...	...
3220	TV/radio transmitters; line comm. apparatus	...	...	...	...	...j/	...j/	...j/	...	...
3230	TV and radio receivers and associated goods	...	...	...	...	...j/	...j/	...j/	...	...
331	Medical, measuring, testing appliances, etc.	...	...	...	...	...j/	...j/	...j/	...	...
3311	Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...
3312	Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...
3313	Industrial process control equipment	...	...	...	...	...	...	...	...	...
3320	Optical instruments & photographic equipment	...	...	...	...	...j/	...j/	...j/	...	...
3330	Watches and clocks	...	...	...	...	...j/	...j/	...j/	...	...
3410	Motor vehicles	...	...	...	...	...	...	...	...	...
3420	Automobile bodies, trailers & semi-trailers	...	...	...	...	...	...	...	...	...
3430	Parts/accessories for automobiles	...	...	...	...	...	...	...	...	...
351	Building and repairing of ships and boats	...	...	...	...	...	...	...	...	...
3511	Building and repairing of ships	...	...	...	...	...	...	...	...	...
3512	Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...
3520	Railway/tramway locomotives & rolling stock	...	...	...	...	...	...	...	...	...
3530	Aircraft and spacecraft	...	...	...	...	...	...	...	...	...
359	Transport equipment n.e.c.	...	...	...	...	1510.3	1328.8	1603.6	...	...
3591	Motorcycles	...	...	...	...	...	...	...	...	...
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...
3610	Furniture	...	...	...	...	...	...	...	...	...
369	Manufacturing n.e.c.	...	...	...	...	...f/	...f/	...f/	...	...
3691	Jewellery and related articles	...	...	...	...	83.7	129.7	170.1	...	...
3692	Musical instruments	...	...	...	...	...	...	...	...	...
3693	Sports goods	...	...	...	...	...	...	...	...	...
3694	Games and toys	...	...	...	...	...	...	...	...	...
3699	Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	...
3710	Recycling of metal waste and scrap	...	...	...	...	...	...	...	...	...
3720	Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	...	...	87515.5	61290.2	92345.4	178092.8	13236.2 10567.4

a/ Data are provisional.

b/ 151 includes 1520, 153 and 154.

c/ 155 includes 1600.

d/ 1810 includes 1820.

e/ 191 includes 1920.

f/ 2010 includes 202 and 3610.

g/ 210 includes 221, 222 and 2230.

h/ 2610 includes 269.

i/ 281 includes 289, 291, 292 and 2930.

j/ 3000 includes 3110, 3120, 3130, 3140, 3150, 3190, 3210, 3220, 3230, 331, 3320 and 3330.

## Iraq

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
15	Food and beverages	...	...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles	...	...	...	...	...	...	...	...	...	...	...	...
18	Wearing apparel, fur	...	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products	...	...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products	...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
27	Basic metals	...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products	...	...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	...	...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	...	...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	100	114	118	100	66	59	55	...	...	...	...	...

## IRELAND

**Supplier of information:**

Irish Central Statistics Office, Dublin.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.

**Basic source of data:**

Annual census of industrial establishments.

**Major deviations from ISIC (Revision 3):**

All data have been converted from NACE (Revision 1) to ISIC (Rev. 3).

Not covered are: Part of textile fibre preparation and textile weaving (ISIC 1711); part of other textiles n.e.c. (ISIC 1729); part of knitted and crocheted fabrics and articles (ISIC 1730); part of other wood products and articles of cork/straw (ISIC 2029); part of pulp, paper and paperboard (ISIC 2101); part of other articles of paper and paper board (ISIC 2109); part of plastics in primary forms and synthetic rubber (ISIC 2413).

**Reference period (if not calendar year):****Scope:**

All establishments engaged in industrial activity which have on average three or more persons engaged during the year. The majority of the industrial establishments covered are individual factories. However, where two or more distinct activities are conducted at the same location each is distinguished, in principle, as a separate establishment. The extent to which separate returns are obtained for each individual establishment, however, depends on the scale of the different activities involved and the availability of separate records in the business for the different establishments. Any sizeable non-industrial activity is excluded.

**Method of enumeration:**

Not reported.

**Adjusted for non-response:**

Not reported.

**Concepts and definitions of variables:**

Number of establishments includes all the separate production locations of multi-location enterprises even if separate details are not provided by the respondent.

Number of employees refers to number of persons who are paid a fixed wage or salary.

Persons at work or temporarily absent because of illness, holidays, strikes, etc. are included, as are part-time workers. Homeworkers are excluded. The numbers given for each year refer to a week in September.

Wages and salaries represents the gross amount paid to employees before deduction of income tax, employees' contributions to social security etc. Overtime pay, bonuses, commissions, holiday pay and sick pay are included. Payments to working proprietors and home workers are excluded.

Output represents the net selling value of all goods manufactured in the year, whether sold or not, and the value of work done. In general, for establishments working on commission on materials supplied to them by other firms, only the payments received by them for the work done are included. The definition of output is amended to include the value of capital work done on own account. Operating subsidies related to the production or sales of the output are included in the value of output; excise duty and VAT are excluded.

Value added is the difference between the value of output and industrial input. Industrial input consists of the industrial materials, industrial services, fuel and power used in the production of the output. Industrial materials and services comprise materials for processing and ancillary goods and services, i.e. packing materials, repairs and the cost of contract work done by other firms on materials supplied by the establishment. Valuation is exclusive of deductible VAT.

Gross fixed capital formation is the difference between acquisitions and sales of capital assets. Capital assets (land, buildings, plant and equipment) are defined as goods with an expected useful life of more than one year intended for use by the establishment itself. Acquisitions include purchases from other establishments and production by the establishment itself of capital goods for its own use. Major alterations, improvements and repairs that extend the useful life of an asset or increase its productivity are included. The value of work put in place during the year is included whether or not completed. Acquisitions are valued at total cost including installation charges and fees or duties but excluding deductible VAT and financial costs. Sales are valued at the actual price received excluding VAT.

**Related national publications:**

Census of Industrial Production (annual), published by the Irish Central Statistics Office, Dublin.

## Ireland

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million POUNDS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
151 Processed meat, fish, fruit, vegetables, fats		276	288	...	...		16613	17601	...	...		191	205	...	...
1511 Processing/preserving of meat		153	154	...	...		12552	13002	...	...		141	150	...	...
1512 Processing/preserving of fish		88	93	92	94		2278	2678	2706	2706		23	27	29	29
1513 Processing/preserving of fruit & vegetables		31	37	42	42		1627	1767	1819	1950		25	25	27	28
1514 Vegetable and animal oils and fats		4	4	4	28		156	154	121	1687		3	3	2	44
1520 Dairy products		104	116	109	105		7567	7702	8087	7594		137	145	151	145
153 Grain mill products; starches; animal feeds		94	103	...	...		2411	2874	...	...		39	46	...	...
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...	...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...	...	...
1533 Prepared animal feeds		78	81	...	...		1981	2375	...	...		31	37	...	...
154 Other food products		262	258	...	...		11222	11238	...	...		170	176	...	...
1541 Bakery products		197	192	...	178		5686	5682	...	5819		60	62	...	70
1542 Sugar	a/	28	28	29	32	a/	3193	3122	3246	3289	a/	58	58	60	62
1543 Cocoa, chocolate and sugar confectionery	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
1544 Macaroni, noodles & similar products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1549 Other food products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
155 Beverages		63	65	63	62		5188	4870	4838	4742		119	123	122	119
1551 Distilling, rectifying & blending of spirits		42c/	46c/	...	...		2931c/	2708c/	...	...		54c/	56c/	...	...
1552 Wines		...	...	...	...		...	...	...	...		...	...	...	...
1553 Malt liquors and malt		21	19	...	...		2257	2162	...	...		65	67	...	...
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...	...	...	...
1600 Tobacco products		6	6	6	6		1027	1018	1001	961		23	24	24	23
171 Spinning, weaving and finishing of textiles		94	92	188d/	...		3646	3471	7689d/	...		43	43	99d/	...
1711 Textile fibre preparation; textile weaving		32	30	...	...		2163	1958	...	...		28	27	...	...
1712 Finishing of textiles	e/	62	62	60	63	e/	1483	1513	1315	1382	e/	15	15	14	16
172 Other textiles	f/	44	41	...	...	f/	2276	2345	...	...	f/	33	34	...	...
1721 Made-up textile articles, except apparel	e/	...	...	...	...	e/	...	...	...	...	e/	...	...	...	...
1722 Carpets and rugs		10	10	10	10		1137	1162	766	757		16	17	11	12
1723 Cordage, rope, twine and netting		7	7	7	9		200	227	238	249		3	4	4	4
1729 Other textiles n.e.c.		27	24	...	...		939	956	...	...		13	13	...	...
1730 Knitted and crocheted fabrics and articles		60	57	...	...		2305	2136	...	...		22	22	...	...
1810 Wearing apparel, except fur apparel		202	192	176	...		11275	11125	10087	...		98	103	92	...
1820 Dressing & dyeing of fur; processing of fur		7	7	6	6		64	72	64	50		1	1	1	1
191 Tanning, dressing and processing of leather		24	19	19	...		651	688	475	...		8	6	5	...
1911 Tanning and dressing of leather		24	19	19	20		651	688	475	558		8	6	5	6
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...	...	...	...
1920 Footwear		15	14	12	10		542	511	500	467		6	5	5	5
2010 Sawmilling and planing of wood	g/	45	43	46	41	g/	1611	1700	1803	1168	g/	21	23	26	16
202 Products of wood, cork, straw, etc.	h/	169	165	169	...	h/	2382	2701	2671	...	h/	23	27	28	...
2021 Veneer sheets, plywood, particle board, etc.	g/	...	...	...	6	g/	...	...	...	604	g/	...	...	...	12
2022 Builders' carpentry and joinery		118	112	114	128		1728	1961	1895	2423		17	20	20	27
2023 Wooden containers		20	21	21	20		248	299	283	297		2	3	3	3
2029 Other wood products; articles of cork/straw		31	32	34	...		406	441	493	...		4	4	5	...
210 Paper and paper products		104	102	106	109		4126	4351	4505	4727		70	78	80	90
2101 Pulp, paper and paperboard		7	7	...	...		230	217	...	...		4	4	...	...
2102 Corrugated paper and paperboard	...	...	...	...	54	...	...	...	...	2806	...	...	...	...	55
2109 Other articles of paper and paperboard	97i/	95i/	...	...	...	...	3896i/	4134i/	...	...	...	66i/	74i/	...	...
221 Publishing		401j/	400j/	398j/	...		11679j/	11567j/	11732j/	...		208j/	210j/	224j/	...
2211 Publishing of books and other publications		...	...	...	21		...	...	...	273		...	...	...	4
2212 Publishing of newspapers, journals, etc.		...	...	...	48		...	...	...	2958		...	...	...	81
2213 Publishing of recorded media		...	...	...	8		...	...	...	139		...	...	...	2
2219 Other publishing		...	...	...	...		...	...	...	...		...	...	...	...

222	Printing and related service activities	...	...	...	...	...	...	...	...	...	...	...	...
2221	Printing	...	...	...	...	...	...	...	...	...	...	...	...
2222	Service activities related to printing	...	...	...	...	...	...	...	...	...	...	...	...
2230	Reproduction of recorded media	39	43	35	38	3049	4020	4335	5310	58	74	84	108
2310	Coke oven products	...	...	...	...	...	...	...	...	...	...	...	...
2320	Refined petroleum products	...	...	...	...	...	...	...	...	...	...	...	...
2330	Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
241	Basic chemicals	73	73	231n/	...	4702	4846	17899n/	...	115	128	374n/	...
2411	Basic chemicals, except fertilizers	36	37	...	...	3246	3416	...	...	81	93	...	...
2412	Fertilizers and nitrogen compounds	28	27	25	24	1013	971	961	950	26	26	28	28
2413	Plastics in primary forms; synthetic rubber	9	9	...	...	443	459	...	...	8	9	...	...
242	Other chemicals	167	165	...	...	11358	11843	...	...	198	215	...	...
2421	Pesticides and other agro-chemical products	7	7	7	8	120	129	149	161	2	2	2	2
2422	Paints, varnishes, printing ink and mastics	24	24	22	24	732	719	687	674	13	13	13	13
2423	Pharmaceuticals, medicinal chemicals, etc.	64	63	...	...	5466	5826	...	...	99	111	...	...
2424	Soap, cleaning & cosmetic preparations	35	32	...	...	2395	2404	...	...	35	38	...	...
2429	Other chemical products n.e.c.	37	39	34	22	2645	2765	2099	1875	49	52	37	33
2430	Man-made fibres	5	5	6	24	1362	1427	1524	2196	25	26	26	45
251	Rubber products	43	42	39	35	2286	2434	2409	1780	37	42	38	25
2511	Rubber tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...
2519	Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
2520	Plastic products	195	189	202	...	6516	7062	7898	...	88	97	115	...
2610	Glass and glass products	50	52	282p/	...	3348	3607	9470p/	...	65	63	163p/	...
269	Non-metallic mineral products n.e.c.	242	231	...	...	5845	5740	...	...	86	90	...	...
2691	Pottery, china and earthenware	...	...	...	...	...	...	...	...	...	...	...	...
2692	Refractory ceramic products	...	...	...	...	...	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	38q/	33q/	37q/	36	1081q/	1024q/	1055q/	1088	12q/	13q/	14q/	14
2694	Cement, lime and plaster	14	15	16	16	1083	1052	1019	1077	24	24	26	28
2695	Articles of concrete, cement and plaster	134	130	...	...	2685	2653	...	...	37	39	...	...
2696	Cutting, shaping & finishing of stone	43	40	37	41	595	551	512	591	6	7	7	7
2699	Other non-metallic mineral products n.e.c.	13	13	12	13	401	460	374	446	7	8	6	8
2710	Basic iron and steel	22	20	24	...	1086	939	967	...	20	16	13	...
2720	Basic precious and non-ferrous metals	30s/	31s/	25s/	15	1208s/	1248s/	1128s/	1087	21s/	22s/	22s/	24
273	Casting of metals	...	...	...	...	...	...	...	...	...	...	...	...
2731	Casting of iron and steel	...	...	...	...	...	...	...	...	...	...	...	...
2732	Casting of non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
281	Struct.metal products;tanks;steam generators	245	237	485t/	...	4395	4576	11476t/	...	54	57	159t/	...
2811	Structural metal products	196	194	...	...	3098	3364	...	...	36	40	...	...
2812	Tanks, reservoirs and containers of metal	49u/	43u/	...	...	1297u/	1212u/	...	...	18u/	17u/	...	...
2813	Steam generators	...	...	...	...	...	...	...	...	...	...	...	...
289	Other metal products; metal working services	258	248	...	...	5550	5796	...	...	74	82	...	...
2891	Metal forging/pressing/stamping/roll-forming	18	18	22	8	341	427	596	338	4	5	8	4
2892	Treatment & coating of metals	30	27	...	...	343	335	...	...	4	4	...	...
2893	Cutlery, hand tools and general hardware	66	65	...	...	1576	1685	...	...	21	23	...	...
2899	Other fabricated metal products n.e.c.	144	138	...	...	3290	3349	...	...	44	49	...	...
291	General purpose machinery	164	163	173	...	6117	6722	6704	...	93	108	111	...
2911	Engines & turbines(not for transport equip.)	...	...	...	3	...	...	...	15	...	...	...	...
2912	Pumps, compressors, taps and valves	...	...	...	36	...	...	...	2065	...	...	...	37
2913	Bearings, gears, gearing & driving elements	...	...	...	18	...	...	...	276	...	...	...	4
2914	Ovens, furnaces and furnace burners	25	29	35	38	576	777	778	817	7	10	10	12
2915	Lifting and handling equipment	43	42	42	41	1579	1725	1678	1674	25	27	28	26
2919	Other general purpose machinery	41	41	...	...	1704	1884	...	...	27	33	...	...
292	Special purpose machinery	155	157	161	...	3862	3716	3804	...	53	53	55	...
2921	Agricultural and forestry machinery	35	37	36	39	607	677	703	764	7	8	8	10
2922	Machine tools	21	20	28	31	1117	756	784	882	14	10	10	13
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	11	12	12	15	424	475	516	576	9	10	11	12
2925	Food/beverage/tobacco processing machinery	30	29	30	31	706	720	808	867	10	11	12	14
2926	Machinery for textile, apparel and leather	58	59	55	57	1008	1088	995	967	13	15	14	13
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	16	17	18	17	3494	3666	3712	3594	44	46	51	49

continued

## Ireland

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million POUNDS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
3000 Office, accounting and computing machinery		71	71	70	70		10235	14413	15231	15168		175	211	248	248
3110 Electric motors, generators and transformers		26	28	30	30		2251	2700	3332	3595		36	43	59	62
3120 Electricity distribution & control apparatus		48	49	47	54		2428	3283	3058	3576		32	44	41	53
3130 Insulated wire and cable		21	22	24	27		1438	2059	2184	3110		22	31	35	45
3140 Accumulators, primary cells and batteries		24	25	30	8		1374	2098	1840	149		18	29	23	2
3150 Lighting equipment and electric lamps		19	20	24	25		336	354	384	398		3	4	4	4
3190 Other electrical equipment n.e.c.		10	11	...	...		2237	1864	...	...		28	26	...	...
3210 Electronic valves, tubes, etc.		23	24	25	30		3706	4072	4461	8920		50	57	68	156
3220 TV/radio transmitters; line comm. apparatus		18	17	19	18		2547	2139	2896	3603		43	44	57	71
3230 TV and radio receivers and associated goods		12	12	9	7		931	1017	897	989		11	11	12	12
331 Medical, measuring, testing appliances, etc.		109	112	118	119		8403	9281	10487	11705		121	135	154	183
3311 Medical, surgical and orthopaedic equipment		49	51	51	51		6745	7505	8427	9379		95	108	121	143
3312 Measuring/testing/navigating appliances, etc.		60y/	61y/	67y/	49		1658y/	1776y/	2060y/	2000		26y/	27y/	33y/	33
3313 Industrial process control equipment		...y/	...y/	...y/	19		...y/	...y/	...y/	326		...y/	...y/	...y/	7
3320 Optical instruments & photographic equipment	z/	22	23	21	20	z/	2203	2515	2386	2808	z/	34	37	38	48
3330 Watches and clocks	z/	...	...	...	...	z/	...	...	...	...	z/	...	...	...	...
3410 Motor vehicles		15	23	22	20		849	1444	1439	1367		14	22	23	23
3420 Automobile bodies, trailers & semi-trailers		46	44	41	37		690	687	653	697		7	8	7	8
3430 Parts/accessories for automobiles		31	32	32	28		2109	2272	2252	2160		26	30	34	31
351 Building and repairing of ships and boats		27	26	25	22		468	496	475	457		6	7	6	6
3511 Building and repairing of ships		27	26	25	14		468	496	475	274		6	7	6	4
3512 Building/repairing of pleasure/sport. boats		...	...	...	8		...	...	...	183		...	...	...	2
3520 Railway/tramway locomotives & rolling stock		16	16	17	16		3492	4504	4491	4532		64	84	99	97
3530 Aircraft and spacecraft		...	...	...	...		...	...	...	...		...	...	...	...
359 Transport equipment n.e.c.		4	6	6	...		28	140	152	...		...	1	3	...
3591 Motorcycles		...	...	...	...		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		4	6	6	...		28	140	152	...		...	1	3	...
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3610 Furniture		269	282	...	...		3906	4064	...	...		38	39	...	...
369 Manufacturing n.e.c.		118k/	120k/	...	...		5527k/	5958k/	...	...		80k/	86k/	...	...
3691 Jewellery and related articles	A/	41	43	...	...	A/	1935	2053	...	...	A/	33	34	...	...
3692 Musical instruments		6	6	6	5		42	37	43	37		...	...	...	...
3693 Sports goods		27	28	29	22		1677	1851	1640	1838		19	21	20	23
3694 Games and toys		...	...	...	...		...	...	...	...		...	...	...	...
3699 Other manufacturing n.e.c.	A/	44m/	43m/	...	...	A/	1873m/	2017m/	...	...	A/	28m/	31m/	...	...
3710 Recycling of metal waste and scrap		...k/m/	...k/m/	...	9		...k/m/	...k/m/	...	145		...k/m/	...k/m/	...	2
3720 Recycling of non-metal waste and scrap		...k/m/	...k/m/	...	5		...k/m/	...k/m/	...	69		...k/m/	...k/m/	...	1
D Total manufacturing		4603	4604	4599	4739		203921	218972	225053	238893		3051	3335	3588	3926

a/ 1542 includes 1543.

b/ 1549 includes 1544.

c/ 1551 includes 1552 and 1554.

d/ 171 includes 172 and 1730.

e/ 1712 includes 1721.

f/ 172 excludes 1721.

g/ 2010 includes 2021.

h/ 202 excludes 2021.

i/ 2109 includes 2102.

j/ 221 includes 222.

k/ 369 includes 2320, 3710 and 3720.

m/ 3699 includes 2320, 3710 and 3720.

n/ 241 includes 242.

p/ 2610 includes 269.

q/ 2693 includes 2691 and 2692.

r/ 2694 includes part of 2695.

s/ 2720 includes 273.

t/ 281 includes 289.

u/ 2812 includes 2813.

v/ 2891 includes part of 2892.

w/ 2914 includes part of 2919.

x/ 2926 includes 2929.

y/ 3312 includes 3313.

z/ 3320 includes 3330.

A/ 3691 includes part of 3699.

## Ireland

ISIC Revision 3 ISIC Industry	Output in factor values				Value added in factor values				Gross fixed capital formation				
	Note	(million POUNDS)				Note	(million POUNDS)				(million POUNDS)		
		1994	1995	1996	1997		1994	1995	1996	1997	1996	1997	
151 Processed meat, fish, fruit, vegetables, fats		2651	2918	...	4938		502	548	...	...		...	
1511 Processing/preserving of meat		2321	2554	...	2642		379	406	...	...		...	
1512 Processing/preserving of fish		177	208	224	237		58	74	79	80	14	10	
1513 Processing/preserving of fruit & vegetables		125	127	131	133		56	56	60	62	13	13	
1514 Vegetable and animal oils and fats		29	30	27	1926		10	13	10	1663	...	12	
1520 Dairy products		2116	2258	2292	2190		399	405	462	449	66	42	
153 Grain mill products; starches; animal feeds		680	758	...	621		155	161	...	...	...	...	
1531 Grain mill products		...	...	...	...		...	...	...	...	...	...	
1532 Starches and starch products		...	...	...	...		...	...	...	...	...	...	
1533 Prepared animal feeds		586	639	...	510		137	126	...	...	...	...	
154 Other food products		2365	2569	...	...		1676	1814	...	...	...	...	
1541 Bakery products		312	321	...	334		150	143	...	151	...	18	
1542 Sugar	a/	413	422	441	437	a/	152	149	174	169	a/	14	16
1543 Cocoa, chocolate and sugar confectionery	a/	...	...	...	...	a/	...	...	...	...	a/	...	...
1544 Macaroni, noodles & similar products		...b/	...b/	...	...		...b/	...b/	...	...	...	...	
1549 Other food products n.e.c.		1641b/	1827b/	...	...		1374b/	1522b/	...	...	...	...	
155 Beverages		955	1128	1204	1264		646	735	778	837	44	68	
1551 Distilling, rectifying & blending of spirits		428c/	545c/	...	...		241c/	300c/	...	...	...	...	
1552 Wines		...c/	...c/	...	...		...c/	...c/	...	...	...	...	
1553 Malt liquors and malt		527	583	...	...		406	436	...	...	...	...	
1554 Soft drinks; mineral waters		...c/	...c/	...	...		...c/	...c/	...	...	...	...	
1600 Tobacco products		165	173	187	189		113	126	135	142	4	6	
171 Spinning, weaving and finishing of textiles		233	229	430d/	...		95	84	190d/	...	10d/	...	
1711 Textile fibre preparation; textile weaving		163	153	...	...		66	55	...	...	...	...	
1712 Finishing of textiles	e/	70	76	71	71	e/	29	29	27	36	1	1	
172 Other textiles	f/	131	138	...d/	...	f/	65	63	...d/	...	...d/	...	
1721 Made-up textile articles, except apparel	e/	...	...	...	...	e/	...	...	...	...	...	...	
1722 Carpets and rugs		61	64	43	45		28	29	21	22	2	1	
1723 Cordage, rope, twine and netting		12	15	19	17		4	5	8	6	1	1	
1729 Other textiles n.e.c.		59	58	...	...		33	29	...	...	...	...	
1730 Knitted and crocheted fabrics and articles		81	76	...d/	...		43	42	...d/	...	...d/	...	
1810 Wearing apparel, except fur apparel		317	333	344	...		150	158	156	...	7	...	
1820 Dressing & dyeing of fur; processing of fur		3	3	3	2		1	2	2	1	...	...	
191 Tanning, dressing and processing of leather		70	67	35	...		17	16	10	...	1	...	
1911 Tanning and dressing of leather		70	67	35	43		17	16	10	13	1	1	
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...	...	...	
1920 Footwear		18	16	16	14		9	9	8	7	...	...	
2010 Sawmilling and planing of wood	g/	158	180	196	126	g/	63	62	69	36	16	5	
202 Products of wood, cork, straw, etc.	h/	124	142	147	...	h/	45	53	57	...	6	...	
2021 Veneer sheets, plywood, particle board, etc.	g/	...	...	...	99	g/	...	...	...	39	...	5	
2022 Builders' carpentry and joinery		90	102	102	145		32	40	42	64	3	5	
2023 Wooden containers		15	19	18	20		6	6	5	6	1	1	
2029 Other wood products; articles of cork/straw		19	20	27	...		7	7	10	...	1	...	
210 Paper and paper products		369	467	469	487		174	222	213	247	19	27	
2101 Pulp, paper and paperboard		27	33	...	...		10	13	...	...	...	...	
2102 Corrugated paper and paperboard	...	...i/	...i/	...	252	...	...i/	...i/	...	117	...	18	
2109 Other articles of paper and paperboard		342i/	434i/	...	...		163i/	210i/	...	...	...	...	
221 Publishing		678j/	702j/	789j/	...		419j/	430j/	478j/	...	53j/	...	
2211 Publishing of books and other publications		...	...	...	20		...	...	...	14	...	1	
2212 Publishing of newspapers, journals, etc.		...	...	...	271		...	...	...	196	...	9	
2213 Publishing of recorded media		...	...	...	7		...	...	...	5	...	8	
2219 Other publishing		...	...	...	...		...	...	...	...	...	...	

continued



## Ireland

ISIC Revision 3 ISIC Industry	Output in factor values				Value added in factor values				Gross fixed capital formation			
	Note	(million POUNDS)				Note	(million POUNDS)				(million POUNDS)	
		1994	1995	1996	1997		1994	1995	1996	1997	1996	1997
222 Printing and related service activities		...j/	...j/	...j/	...	...j/	...j/	...j/	...		...j/	...
2221 Printing		...	...	...	...	...	...	...	...		...	...
2222 Service activities related to printing		...	...	...	49	...	...	...	34		...	4
2230 Reproduction of recorded media		1557	1871	2344	2804	1198	1531	2009	2404		107	84
2310 Coke oven products		...	...	...	...	...	...	...	...		...	...
2320 Refined petroleum products		...k/m/	...k/m/	...	...	...k/m/	...k/m/	...	...		...	...
2330 Processing of nuclear fuel		...	...	...	...	...	...	...	...		...	...
241 Basic chemicals		2282	2792	6153n/	...	1733	2112	4450n/	...		407n/	...
2411 Basic chemicals, except fertilizers		1935	2398	...	...	1601	1979	...	...		...	...
2412 Fertilizers and nitrogen compounds		267	305	362	289	84	88	104	84		8	14
2413 Plastics in primary forms; synthetic rubber		80	89	...	...	48	46	...	...		...	...
242 Other chemicals		2181	2467	...n/	2361	1456	1664	...n/	...		...n/	...
2421 Pesticides and other agro-chemical products		13	11	13	11	4	5	...	5		1	2
2422 Paints, varnishes, printing ink and mastics		69	66	66	67	33	30	30	29		2	2
2423 Pharmaceuticals, medicinal chemicals, etc.		1086	1306	...	1575	718	884	...	...		...	...
2424 Soap, cleaning & cosmetic preparations		318	315	...	402	205	195	...	...		...	...
2429 Other chemical products n.e.c.		695	768	351	306	496	550	170	146		24	56
2430 Man-made fibres		150	187	173	306	64	81	58	149		8	7
251 Rubber products		165	186	149	95	93	107	72	47		5	3
2511 Rubber tyres and tubes		...	...	...	...	...	...	...	...		...	...
2519 Other rubber products		...	...	...	...	...	...	...	...		...	...
2520 Plastic products		463	548	625	681	231	242	293	...		56	...
2610 Glass and glass products		171	194	757p/	...	115	120	422p/	...		39p/	...
269 Non-metallic mineral products n.e.c.		482	523	...p/	...	266	282	...p/	...		...p/	...
2691 Pottery, china and earthenware		...q/	...q/	...q/	...	...q/	...q/	...q/	...		...q/	...
2692 Refractory ceramic products		...q/	...q/	...q/	...	...q/	...q/	...q/	...		...q/	...
2693 Struct.non-refractory clay; ceramic products		44q/	44q/	46q/	52	30q/	29q/	29q/	32		4q/	3
2694 Cement, lime and plaster	r/	144	154	172	187	95	95	108	120	r/	3	15
2695 Articles of concrete, cement and plaster	r/	216	231	...	...	100	109	...	...	r/	...	...
2696 Cutting, shaping & finishing of stone		27	25	26	32	13	14	15	16		1	2
2699 Other non-metallic mineral products n.e.c.		52	69	44	53	27	35	17	20		1	3
2710 Basic iron and steel		92	97	93	...	18	21	25	...		4	...
2720 Basic precious and non-ferrous metals		180s/	206s/	218s/	234	46s/	61s/	60s/	72		9s/	30
273 Casting of metals		...s/	...s/	...s/	4	...s/	...s/	...s/	2		...s/	...
2731 Casting of iron and steel		...	...	...	...	...	...	...	...		...	...
2732 Casting of non-ferrous metals		...	...	...	...	...	...	...	...		...	...
281 Struct.metal products;tanks;steam generators		274	304	781t/	...	116	119	340t/	...		40t/	...
2811 Structural metal products		192	227	...	334	75	87	...	...		...	...
2812 Tanks, reservoirs and containers of metal		82u/	77u/	...	83u/	41u/	32u/	...	...		...	...
2813 Steam generators		...u/	...u/	...	...u/	...u/	...u/	...	...		...	...
289 Other metal products; metal working services		359	387	...t/	...	168	188	...t/	...		...t/	...
2891 Metal forging/pressing/stamping/roll-forming	v/	16	23	42	16	8	13	20	9	v/	3	3
2892 Treatment & coating of metals	v/	12	11	...	50	7	6	...	...	v/	...	...
2893 Cutlery, hand tools and general hardware		83	96	...	...	50	58	...	...		...	...
2899 Other fabricated metal products n.e.c.		248	257	...	...	103	111	...	...		...	...
291 General purpose machinery		481	588	604	650	225	283	297	...		16	...
2911 Engines & turbines(not for transport equip.)		...	...	...	1	...	...	...	...		...	1
2912 Pumps, compressors, taps and valves		...	...	...	168	...	...	...	93		...	15
2913 Bearings, gears, gearing & driving elements		...	...	...	18	...	...	...	11		...	6
2914 Ovens, furnaces and furnace burners	w/	37	58	58	61	17	19	21	23	w/	2	3
2915 Lifting and handling equipment		102	114	118	109	55	58	60	55		4	2
2919 Other general purpose machinery	w/	180	248	...	...	68	111	...	...	w/	...	...

292 Special purpose machinery		207	246	248	...		114	124	125	...		10	...
2921 Agricultural and forestry machinery		37	48	50	54		16	20	22	24		2	2
2922 Machine tools		44	49	43	54		25	21	17	26		3	3
2923 Machinery for metallurgy		...	...	...	...		...	...	...	...		...	...
2924 Machinery for mining & construction		45	46	48	54		30	29	30	34		1	3
2925 Food/beverage/tobacco processing machinery		38	44	52	57		18	18	23	26		1	1
2926 Machinery for textile, apparel and leather	x/	43	59	55	50	x/	25	36	33	30	x/	3	2
2927 Weapons and ammunition		...	...	...	...		...	...	...	...		...	...
2929 Other special purpose machinery	x/	...	...	...	...	x/	...	...	...	...	x/	...	...
2930 Domestic appliances n.e.c.		235	239	254	227		118	112	115	99		14	17
3000 Office, accounting and computing machinery		3559	5994	6451	7072		1001	2163	2146	2003		283	226
3110 Electric motors, generators and transformers		186	230	336	390		121	147	225	261		50	39
3120 Electricity distribution & control apparatus		153	209	221	265		83	116	131	160		13	22
3130 Insulated wire and cable		134	230	279	248		44	103	126	95		6	11
3140 Accumulators, primary cells and batteries		94	234	178	10		49	104	88	3		6	-
3150 Lighting equipment and electric lamps		12	13	16	19		5	6	9	10		1	1
3190 Other electrical equipment n.e.c.		101	95	...	318		54	48	...	...		...	...
3210 Electronic valves, tubes, etc.		475	681	601	1784		113	152	233	916		44	297
3220 TV/radio transmitters; line comm. apparatus		436	405	540	578		168	167	227	215		25	25
3230 TV and radio receivers and associated goods		68	66	69	65		30	22	28	27		2	2
331 Medical, measuring, testing appliances, etc.		682	765	984	1038		430	480	612	609		67	71
3311 Medical, surgical and orthopaedic equipment		521	593	763	804		356	395	506	499		58	62
3312 Measuring/testing/navigating appliances, etc.		161y/	171y/	221y/	209		73y/	86y/	106y/	97		8y/	7
3313 Industrial process control equipment		...y/	...y/	...y/	25		...y/	...y/	...y/	13		...y/	2
3320 Optical instruments & photographic equipment	z/	222	240	201	268	z/	142	138	109	166	z/	42	16
3330 Watches and clocks	z/	...	...	...	...	z/	...	...	...	...	z/	...	...
3410 Motor vehicles		44	61	61	60		12	25	26	21		5	9
3420 Automobile bodies, trailers & semi-trailers		45	50	47	57		18	18	16	19		2	2
3430 Parts/accessories for automobiles		143	169	180	202		66	73	63	70		11	7
351 Building and repairing of ships and boats		23	29	27	22		10	16	14	10		1	-
3511 Building and repairing of ships		23	29	27	15		10	16	14	8		1	-
3512 Building/repairing of pleasure/sport. boats		...	...	...	7		...	...	...	2		...	-
3520 Railway/tramway locomotives & rolling stock		197	213	258	314		104	116	137	161		13	43
3530 Aircraft and spacecraft		...	...	...	...		...	...	...	...		...	...
359 Transport equipment n.e.c.		1	3	5	...		1	2	4	...		1	...
3591 Motorcycles		...	...	...	...		...	...	...	...		...	...
3592 Bicycles and invalid carriages		1	3	5	...		1	2	4	...		1	...
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...
3610 Furniture		173	191	...	300		81	86	...	...		...	...
369 Manufacturing n.e.c.		645k/	717k/	...	...		262k/	278k/	...	...		...	...
3691 Jewellery and related articles	A/	222	233	...	...	A/	138	131	...	...	A/	...	...
3692 Musical instruments		1	1	2	2		1	1	1	1		...	...
3693 Sports goods		103	130	120	135		50	57	56	67		8	6
3694 Games and toys		...	...	...	...		...	...	...	...		...	...
3699 Other manufacturing n.e.c.	A/	319m/	353m/	...	...	A/	73m/	89m/	...	...	A/	...	...
3710 Recycling of metal waste and scrap		...k/m/	...k/m/	...	18		...k/m/	...k/m/	...	3		...	3
3720 Recycling of non-metal waste and scrap		...k/m/	...k/m/	...	4		...k/m/	...k/m/	...	2		...	-
D Total manufacturing		27787	33583	36296	41394		13325	16237	18135	21210		1728	2047

a/ 1542 includes 1543.

b/ 1549 includes 1544.

c/ 1551 includes 1552 and 1554.

d/ 171 includes 172 and 1730.

e/ 1712 includes 1721.

f/ 172 excludes 1721.

g/ 2010 includes 2021.

h/ 202 excludes 2021.

i/ 2109 includes 2102.

j/ 221 includes 222.

k/ 369 includes 2320, 3710 and 3720.

m/ 3699 includes 2320, 3710 and 3720.

n/ 241 includes 242.

p/ 2610 includes 269.

q/ 2693 includes 2691 and 2692.

r/ 2694 includes part of 2695.

s/ 2720 includes 273.

t/ 281 includes 289.

u/ 2812 includes 2813.

v/ 2891 includes part of 2892.

w/ 2914 includes part of 2919.

x/ 2926 includes 2929.

y/ 3312 includes 3313.

z/ 3320 includes 3330.

A/ 3691 includes part of 3699.

## Ireland

ISIC Revision 3	Index numbers of industrial production													
	ISIC Industry	Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15	Food and beverages		...	...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products		108	104	104	100	108	114	104	105	110	113	111	100
17	Textiles		86	89	93	100	100	105	108	111	112	106	108	110
18	Wearing apparel, fur		113	105	98	100	87	85	79	75	72	73	59	51
19	Leather, leather products and footwear		105	101	103	100	91	77	72	77	75	72	79	85
20	Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products		97	94	101	100	102	104	103	107	107	103	106	111
22	Printing and publishing		80	91	98	100	110	122	133	135	153	155	171	179
23	Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products		70	81	97	100	122	143	157	188	217	258	340	440
25	Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products		80	81	95	100	94	98	94	104	114	125	150	159
27	Basic metals		76	86	95	100	89	81	85	81	87	93	93	92
28	Fabricated metal products		86	89	94	100	95	92	92	97	101	100	101	104
29	Machinery and equipment n.e.c.		89	93	101	100	92	88	85	98	113	116	118	136
30	Office, accounting and computing machinery		64	85	95	100	90	107	113	125	178	192	229	255
31	Electrical machinery and apparatus	a/	54	71	91	100	107	121	133	169	234	250	294	372
32	Radio, television and communication equipment	a/	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments		79	82	91	100	100	112	118	124	145	179	224	251
34	Motor vehicles, trailers, semi-trailers	b/	81	88	102	100	90	85	80	82	84	96	106	...
35	Other transport equipment	b/	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		76	86	96	100	103	114	120	135	162	176	205	239

a/ 31 includes 32.

b/ 34 includes 35.

## JAPAN

<p><b>Source of information:</b> Ministry of International Trade and Industry (MITI), Tokyo. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p><b>Basic source of data:</b> Annual census of manufactures.</p> <p><b>Major deviations from ISIC (Revision 3):</b> All data have been converted from the Japanese Standard Industrial Classification to ISIC (Rev. 3).</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All establishments classified under manufacturing except those belonging to the government and public service corporations. Surveys cover all such establishments only in years where the last digit is 0, 3, 5 or 8. In all other years, the survey is limited to those establishments with four or more employees. Data on investment cover establishments with 30 or more persons engaged.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of employees</u> refers to regular employees including temporary workers employed for a definite period of more than 30 days, temporary workers employed for 18 days or more in each month of November and December, directors and family workers who work full time and are paid monthly. <u>Wages and salaries</u> relates to total cash payments, including basic wages, bonuses and other premiums, allowances and employees' retirement and termination allowances. <u>Output</u> represents the value of shipments of finished goods, adjusted for changes in stocks of finished goods and work in progress. The value of goods shipped in the same condition as received is excluded. <u>Value added</u> is output less the value of raw materials, fuels and electricity consumed, the cost of contract and commission work done by others, value of excise taxes and depreciation. <u>Gross fixed capital formation</u> is defined as the value of purchases of fixed assets, including own account construction, less the value of sales. Fixed assets covered are those with a productive life of more than one year and include repairs to existing assets, new assets whether not yet in use, unused, or previously used abroad, and used assets. Valuation is at full cost incurred, including delivered price, cost of installation and fees and taxes. For own-produced assets, the cost of work put in progress covers labour costs, materials and supplies and includes an allocation for overheads. The amount realized is taken for sales of used assets.</p> <p><b>Related national publications:</b> Census of Manufactures published by Ministry of International Trade and Industry (MITI), Tokyo.</p>
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## Japan

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(billion YEN)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		13949	13543	13216	14052		335	330	329	341		581	585	586	596
1511 Processing/preserving of meat		1142	1121	1129	1291		62	60	62	65		168	168	169	175
1512 Processing/preserving of fish		10002	9658	9423	9864		205	202	200	205		297	295	297	296
1513 Processing/preserving of fruit & vegetables		2603	2572	2480	2705		62	62	61	65		96	101	99	106
1514 Vegetable and animal oils and fats		202	192	184	192		6	6	6	5		21	21	22	19
1520 Dairy products		800	793	770	809		45	45	43	44		174	174	172	170
153 Grain mill products; starches; animal feeds		1399	1348	1315	1386		30	30	29	30		91	92	89	90
1531 Grain mill products		952	913	882	936		18	17	17	17		44	43	42	43
1532 Starches and starch products		134	127	124	122		4	4	4	4		17	18	18	17
1533 Prepared animal feeds		313	308	306	328		9	9	8	9		31	31	30	29
154 Other food products		27687	26424	25579	27474		728	728	719	747		1539	1550	1540	1565
1541 Bakery products		7231	6905	6629	6864		233	232	224	221		544	546	530	520
1542 Sugar		116	109	110	123		7	7	6	6		32	31	29	27
1543 Cocoa, chocolate and sugar confectionery		1222	1182	1139	1179		42	41	40	40		114	111	110	106
1544 Macaroni, noodles & similar products		4325	4109	4012	4121		61	60	59	60		96	95	94	97
1549 Other food products n.e.c.		14793	14119	13689	15187		385	389	390	419		752	767	776	814
155 Beverages		3410	3297	3231	3313		89	86	85	84		291	283	289	282
1551 Distilling, rectifying & blending of spirits		355	343	347	353		11	11	11	10		42	41	42	41
1552 Wines		1851	1793	1757	1740		36	35	34	33		72	71	69	67
1553 Malt liquors and malt		413	384	367	408		15	14	13	14		71	68	68	65
1554 Soft drinks; mineral waters		791	777	760	812		27	26	27	28		105	104	110	109
1600 Tobacco products		26	25	25	50		15	15	14	14		107	105	103	100
171 Spinning, weaving and finishing of textiles		11735	10958	10312	9680		193	179	169	155		436	402	386	346
1711 Textile fibre preparation; textile weaving		8105	7567	7194	6622		116	106	102	92		223	199	193	172
1712 Finishing of textiles		3630	3391	3118	3058		77	73	68	63		213	204	193	174
172 Other textiles		10031	9279	8834	9418		132	127	122	123		199	200	196	184
1721 Made-up textile articles, except apparel		6207	5759	5478	5979		74	71	68	69		82	82	80	73
1722 Carpets and rugs		456	418	388	414		9	8	8	8		21	20	19	18
1723 Cordage, rope, twine and netting		714	663	623	662		10	9	9	9		15	14	14	13
1729 Other textiles n.e.c.		2654	2439	2345	2363		39	39	37	36		80	84	82	80
1730 Knitted and crocheted fabrics and articles		8684	8338	7943	7909		149	142	135	130		203	193	187	178
1810 Wearing apparel, except fur apparel		19205	17573	16182	16058		363	336	311	286		453	419	395	352
1820 Dressing & dyeing of fur; processing of fur		78	71	66	62		1	1	1	1		1	2	1	1
191 Tanning, dressing and processing of leather		2851	2742	2571	2526		32	31	27	27		51	52	40	39
1911 Tanning and dressing of leather		587	558	526	498		10	10	8	8		34	37	26	26
1912 Luggage, handbags, etc.; saddlery & harness		2264	2184	2045	2028		21	21	19	18		17	16	14	12
1920 Footwear		2949	2901	2722	2618		49	47	44	39		90	83	77	65
2010 Sawmilling and planing of wood		9628	8960	8428	8121		100	94	88	81		69	66	63	56
202 Products of wood, cork, straw, etc.		14216	13613	13042	13151		158	159	152	143		230	244	239	208
2021 Veneer sheets, plywood, particle board, etc.		1379	1329	1283	1238		38	38	35	30		109	112	103	82
2022 Builders' carpentry and joinery		7299	7131	6858	6682		70	73	72	68		86	99	106	98
2023 Wooden containers		1323	1253	1194	1237		16	15	14	14		16	16	14	13
2029 Other wood products; articles of cork/straw		4215	3900	3707	3994		34	32	31	31		19	17	16	15
210 Paper and paper products		10538	10186	9826	10349		265	260	255	256		819	824	830	817
2101 Pulp, paper and paperboard		1095	1066	1028	1044		79	77	75	73		386	390	388	380
2102 Corrugated paper and paperboard		6413	6205	5975	6176		122	120	118	117		281	281	283	273
2109 Other articles of paper and paperboard		3030	2915	2823	3129		64	63	62	66		152	153	159	164
221 Publishing		2308	2286	2365	2767		114	115	117	120		827	847	865	867
2211 Publishing of books and other publications		1446	1475	1563	1889		46	47	49	51		273	290	295	296
2212 Publishing of newspapers, journals, etc.		862	811	802	878		68	68	68	68		555	557	570	571
2213 Publishing of recorded media		...	...	...	-		-	-	-	-		-	-	-	-
2219 Other publishing		...	...	...	-		-	-	-	-		-	-	-	-

222 Printing and related service activities	24837	23477	22809	24644	421	414	409	417	1015	1030	1048	1041
2221 Printing	18200	17230	16825	18128	331	325	323	327	858	870	889	880
2222 Service activities related to printing	6637	6247	5984	6516	91	89	86	90	156	160	159	160
2230 Reproduction of recorded media	90	87	103	151	6	7	7	8	26	30	33	32
2310 Coke oven products	813	812	823	910	10	10	10	10	14	15	15	15
2320 Refined petroleum products	274	275	267	272	23	23	22	21	166	163	161	153
2330 Processing of nuclear fuel	7	7	7	6	4	4	4	2	24	24	24	14
241 Basic chemicals	1231	1265	1288	1346	120	119	118	118	688	694	705	705
2411 Basic chemicals, except fertilizers	856	863	877	919	68	69	69	68	378	400	401	398
2412 Fertilizers and nitrogen compounds	180	178	178	187	6	6	6	6	23	23	21	20
2413 Plastics in primary forms; synthetic rubber	195	224	233	240	46	44	44	44	288	272	283	286
242 Other chemicals	3979	3941	3886	4069	248	247	243	245	1220	1234	1240	1219
2421 Pesticides and other agro-chemical products	96	99	90	91	6	7	6	6	35	37	36	33
2422 Paints, varnishes, printing ink and mastics	595	599	585	608	28	28	27	27	138	138	136	134
2423 Pharmaceuticals, medicinal chemicals, etc.	1069	1056	1018	1038	98	98	96	96	530	536	546	526
2424 Soap, cleaning & cosmetic preparations	826	822	815	873	46	46	46	46	184	192	189	187
2429 Other chemical products n.e.c.	1393	1365	1378	1459	69	67	68	70	334	331	334	339
2430 Man-made fibres	92	85	81	86	23	22	21	19	123	120	112	104
251 Rubber products	3505	3341	3255	3422	127	125	123	120	481	483	478	458
2511 Rubber tyres and tubes	145	139	125	130	27	24	24	23	158	139	138	136
2519 Other rubber products	3360	3202	3130	3292	100	101	99	97	323	344	340	322
2520 Plastic products	19404	18881	18450	19624	439	430	429	429	1171	1122	1144	1126
2610 Glass and glass products	1104	1060	1031	1147	55	53	52	51	228	226	224	218
269 Non-metallic mineral products n.e.c.	18193	17680	17180	17543	365	358	349	338	846	835	851	797
2691 Pottery, china and earthenware	3270	3232	3134	3018	60	59	60	57	166	167	192	177
2692 Refractory ceramic products	749	730	718	718	26	25	24	22	88	86	83	76
2693 Struct.non-refractory clay; ceramic products	902	831	773	751	13	12	11	10	26	25	24	20
2694 Cement, lime and plaster	222	225	219	224	11	11	10	10	57	53	50	52
2695 Articles of concrete, cement and plaster	7892	7787	7617	7724	172	169	164	157	329	325	320	292
2696 Cutting, shaping & finishing of stone	3163	2969	2841	3169	37	35	33	35	40	39	35	32
2699 Other non-metallic mineral products n.e.c.	1995	1906	1878	1939	47	46	47	47	140	140	148	149
2710 Basic iron and steel	3156	2999	3002	3224	218	207	197	189	1158	1124	1076	1004
2720 Basic precious and non-ferrous metals	1155	1121	1183	1320	68	67	68	65	330	336	342	315
273 Casting of metals	3382	2834	2799	2736	86	83	83	78	289	287	294	264
2731 Casting of iron and steel	1460	1386	1361	1285	50	50	49	46	187	186	190	173
2732 Casting of non-ferrous metals	1922	1448	1438	1451	36	34	34	32	102	100	104	91
281 Struct.metall products;tanks;steam generators	22505	21326	20793	22036	378	372	361	359	977	978	958	922
2811 Structural metal products	14211	13505	13040	13728	257	246	240	236	635	631	628	593
2812 Tanks, reservoirs and containers of metal	8128	7652	7597	8149	96	94	93	95	128	131	131	129
2813 Steam generators	166	169	156	159	31	32	28	27	214	217	199	201
289 Other metal products; metal working services	27325	26156	25460	26389	491	485	482	467	1189	1212	1234	1160
2891 Metal forging/pressing/stamping/roll-forming	5988	5748	5668	5954	115	114	114	112	299	306	316	296
2892 Treatment & coating of metals	7866	7570	7316	7614	120	119	119	117	219	224	233	223
2893 Cutlery, hand tools and general hardware	3523	3407	3353	3465	68	69	68	67	192	204	206	197
2899 Other fabricated metal products n.e.c.	9948	9431	9123	9356	188	183	182	172	478	478	479	444
291 General purpose machinery	15801	15168	15090	16053	452	455	458	458	1680	1769	1808	1762
2911 Engines & turbines(not for transport equip.)	893	825	797	877	36	37	36	34	163	187	181	164
2912 Pumps, compressors, taps and valves	1622	1555	1519	1574	56	55	56	57	227	229	237	237
2913 Bearings, gears, gearing & driving elements	1624	1535	1494	1524	76	75	74	76	332	347	348	340
2914 Ovens, furnaces and furnace burners	161	162	158	177	4	4	4	4	18	16	12	14
2915 Lifting and handling equipment	2452	2343	2331	2408	64	64	64	65	225	230	240	251
2919 Other general purpose machinery	9049	8748	8791	9493	216	220	224	223	714	760	790	755
292 Special purpose machinery	23841	22923	22637	23945	521	527	519	518	1706	1800	1786	1751
2921 Agricultural and forestry machinery	956	916	883	898	29	28	29	28	102	103	107	99
2922 Machine tools	7268	6918	6974	7392	138	139	141	138	423	446	466	441
2923 Machinery for metallurgy	167	149	152	154	3	5	4	5	11	19	16	21
2924 Machinery for mining & construction	1760	1720	1637	1651	57	57	54	52	233	236	233	223
2925 Food/beverage/tobacco processing machinery	1083	1056	958	1020	18	18	17	17	49	48	48	45
2926 Machinery for textile, apparel and leather	1325	1179	1107	1085	34	32	28	26	116	112	96	88
2927 Weapons and ammunition	29	29	29	31	7	7	7	7	43	43	44	43
2929 Other special purpose machinery	11253	10956	10897	11714	234	241	238	245	730	793	774	790
2930 Domestic appliances n.e.c.	3348	3200	3024	3076	155	149	146	139	583	584	580	547

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ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(billion YEN)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		3075	2955	2909	6112		438	427	428	431		1835	1863	1909	1921
3110 Electric motors, generators and transformers		2708	2611	2486	2517		108	102	103	95		401	390	405	359
3120 Electricity distribution & control apparatus		5189	4941	4713	5048		176	172	169	165		632	648	646	630
3130 Insulated wire and cable		625	918	890	922		51	51	50	47		229	235	238	218
3140 Accumulators, primary cells and batteries		212	210	210	209		22	23	22	24		104	110	108	113
3150 Lighting equipment and electric lamps		1386	1291	1247	1278		50	49	48	47		170	170	170	168
3190 Other electrical equipment n.e.c.		4488	4275	4229	4352		193	182	186	178		650	616	658	614
3210 Electronic valves, tubes, etc.		2697	2700	2744	2817		351	345	344	347		1549	1573	1611	1652
3220 TV/radio transmitters; line comm. apparatus		507	514	503	523		90	93	87	90		444	475	448	469
3230 TV and radio receivers and associated goods		8628	7944	7585	7577		427	407	405	400		1452	1443	1503	1498
331 Medical, measuring, testing appliances, etc.		4608	4424	4416	4710		156	152	156	159		585	577	611	628
3311 Medical, surgical and orthopaedic equipment		1547	1492	1525	1639		48	49	50	52		161	170	174	186
3312 Measuring/testing/navigating appliances, etc.		2738	2621	2582	2746		95	90	93	93		360	337	368	369
3313 Industrial process control equipment		323	311	309	325		13	14	14	14		64	69	69	73
3320 Optical instruments & photographic equipment		1984	1956	1891	2064		62	59	60	60		201	183	191	188
3330 Watches and clocks		472	425	413	403		27	24	22	22		97	87	81	80
3410 Motor vehicles		51	49	50	59		183	181	183	184		1189	1203	1238	1288
3420 Automobile bodies, trailers & semi-trailers		272	285	276	267		56	55	55	50		307	315	326	291
3430 Parts/accessories for automobiles		10325	9792	9637	10110		528	532	531	518		2230	2330	2410	2334
351 Building and repairing of ships and boats		1365	1298	1234	1308		56	51	50	52		250	230	231	244
3511 Building and repairing of ships		860	845	801	858		51	46	45	48		240	219	221	235
3512 Building/repairing of pleasure/sport. boats		505	453	433	450		5	5	5	5		10	11	10	8
3520 Railway/tramway locomotives & rolling stock		436	418	403	420		17	16	17	15		73	65	74	63
3530 Aircraft and spacecraft		221	217	228	269		26	26	26	28		143	145	147	155
359 Transport equipment n.e.c.		783	746	728	794		16	15	14	15		42	33	36	37
3591 Motorcycles		...	...	...	...		-	-	-	-		-	-	-	-
3592 Bicycles and invalid carriages		521	499	487	511		12	11	10	11		35	27	29	31
3599 Other transport equipment n.e.c.		262	247	241	283		4	4	4	4		7	7	7	7
3610 Furniture		9433	9085	8732	8848		152	155	148	139		300	351	341	310
369 Manufacturing n.e.c.		14011	12902	12458	13756		209	199	194	198		416	410	407	399
3691 Jewellery and related articles		913	810	786	953		15	14	12	12		32	29	24	21
3692 Musical instruments		441	400	402	424		14	14	13	14		64	60	62	62
3693 Sports goods		998	956	925	991		23	22	21	20		56	57	53	50
3694 Games and toys		1710	1531	1430	1504		23	21	20	21		30	28	26	29
3699 Other manufacturing n.e.c.		9949	9205	8915	9884		134	129	128	131		235	236	241	236
3710 Recycling of metal waste and scrap	a/	714	681	669	689	a/	11	11	11	11	a/	17	16	16	15
3720 Recycling of non-metal waste and scrap	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
D Total manufacturing		387726	369612	358246	376794		10413	10210	10053	9945		33392	33659	33975	33191

a/ 3710 includes 3720.

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ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	Note	(billion YEN)				Note	(billion YEN)				(billion YEN)		
		1995	1996	1997	1998		1995	1996	1997	1998	Note	1997	1998
ISIC Industry													
151 Processed meat, fish, fruit, vegetables, fats		7883	7869	7972	8063		2509	2443	2471	2533		216	177
1511 Processing/preserving of meat		2191	2205	2229	2272		567	560	583	597		44	50
1512 Processing/preserving of fish		4207	4163	4178	4202		1394	1352	1344	1374		105	80
1513 Processing/preserving of fruit & vegetables		962	980	968	1019		385	388	385	413		34	32
1514 Vegetable and animal oils and fats		524	521	597	571		162	143	158	149		34	15
1520 Dairy products		2299	2302	2286	2296		742	713	675	694		77	96
153 Grain mill products; starches; animal feeds		2610	2659	2652	2694		579	523	503	525		68	67
1531 Grain mill products		1573	1530	1443	1478		312	277	258	254		32	30
1532 Starches and starch products		262	276	290	287		89	78	83	94		16	15
1533 Prepared animal feeds		775	853	920	929		179	168	162	178		20	22
154 Other food products		12705	12903	12931	13185		5802	5854	5756	5850		475	439
1541 Bakery products		3201	3214	3161	3114		1727	1720	1673	1639		109	102
1542 Sugar		403	413	379	397		124	123	110	124		12	13
1543 Cocoa, chocolate and sugar confectionery		1066	1081	1081	1070		544	550	543	540		39	40
1544 Macaroni, noodles & similar products		1042	1037	1032	1024		440	440	429	423		38	35
1549 Other food products n.e.c.		6993	7158	7278	7580		2967	3020	3001	3124		277	249
155 Beverages		6702	6661	6805	6801		2330	2401	2413	2447		342	326
1551 Distilling, rectifying & blending of spirits		1013	1005	1053	1088		485	487	513	515		29	29
1552 Wines		1019	1017	961	900		464	472	444	425		45	44
1553 Malt liquors and malt		2500	2453	2475	2439		455	466	434	474		166	167
1554 Soft drinks; mineral waters		2169	2185	2315	2375		925	976	1022	1033		101	85
1600 Tobacco products		2252	2195	2288	4617		762	794	904	869		22	32
171 Spinning, weaving and finishing of textiles		3047	2851	2821	2457		1316	1248	1244	1086		96	92
1711 Textile fibre preparation; textile weaving		1955	1803	1791	1548		755	711	724	626		59	61
1712 Finishing of textiles		1091	1049	1029	909		561	537	520	460		37	30
172 Other textiles		2199	2147	2136	2022		923	897	893	841		54	48
1721 Made-up textile articles, except apparel		1087	1040	1046	1013		453	422	434	423		17	15
1722 Carpets and rugs		240	228	224	210		71	69	70	62		6	5
1723 Cordage, rope, twine and netting		129	125	124	116		58	58	58	54		3	2
1729 Other textiles n.e.c.		743	754	742	683		341	348	332	301		28	25
1730 Knitted and crocheted fabrics and articles		1707	1623	1553	1472		695	666	638	612		26	22
1810 Wearing apparel, except fur apparel		2568	2420	2290	2138		1360	1281	1193	1122		30	22
1820 Dressing & dyeing of fur; processing of fur		13	18	11	11		5	8	5	4		-	-
191 Tanning, dressing and processing of leather		601	596	516	510		231	224	195	194		12	12
1911 Tanning and dressing of leather		274	280	212	219		92	91	69	72		9	7
1912 Luggage, handbags, etc.; saddlery & harness		327	316	304	291		139	133	127	122		3	5
1920 Footwear		709	698	657	559		308	298	282	216		7	5
2010 Sawmilling and planing of wood		1973	1928	1835	1540		696	676	628	544		40	32
202 Products of wood, cork, straw, etc.		3003	3120	3089	2584		1186	1208	1176	1007		104	72
2021 Veneer sheets, plywood, particle board, etc.		1024	1046	996	749		351	351	328	251		50	26
2022 Builders' carpentry and joinery		1361	1464	1495	1284		553	580	576	498		44	36
2023 Wooden containers		213	218	204	183		92	89	86	78		4	5
2029 Other wood products; articles of cork/straw		404	392	394	369		190	187	186	179		5	4
210 Paper and paper products		8468	8616	8621	8164		3205	3260	3225	3032		582	527
2101 Pulp, paper and paperboard		4106	4244	4221	3906		1509	1565	1535	1351		401	368
2102 Corrugated paper and paperboard		2902	2881	2875	2691		1094	1084	1075	1040		103	79
2109 Other articles of paper and paperboard		1459	1492	1525	1568		602	611	615	642		78	80
221 Publishing		4825	5043	5092	5151		2922	3031	3082	3093		159	111
2211 Publishing of books and other publications		2272	2434	2466	2471		1264	1364	1389	1319		21	16
2212 Publishing of newspapers, journals, etc.		2553	2609	2626	2680		1658	1667	1693	1775		138	96
2213 Publishing of recorded media		...	...	...	-		-	-	-	-		-	-
2219 Other publishing		...	...	...	-		-	-	-	-		-	-

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## Japan

ISIC Revision 3 ISIC Industry	Output				Value added				Gross fixed capital formation				
	Note	(billion YEN)				Note	(billion YEN)				Note	(billion YEN)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222 Printing and related service activities		8232	8431	8595	8455	3813	3872	3911	3886		396	324	
2221 Printing		7159	7335	7499	7324	3119	3166	3208	3158		340	279	
2222 Service activities related to printing		1073	1096	1096	1131	693	706	703	728		56	45	
2230 Reproduction of recorded media		266	237	536	241	158	151	217	136		16	20	
2310 Coke oven products		632	688	708	692	185	197	184	166		16	15	
2320 Refined petroleum products		6961	7718	8345	7465	1149	910	652	730		244	143	
2330 Processing of nuclear fuel		95	108	79	103	42	55	18	44		73	58	
241 Basic chemicals		8995	9035	9932	9151	4031	3873	4035	3729		627	669	
2411 Basic chemicals, except fertilizers		4993	5314	5871	5347	2259	2259	2392	2217		349	406	
2412 Fertilizers and nitrogen compounds		320	319	319	305	110	108	103	96		16	20	
2413 Plastics in primary forms; synthetic rubber		3682	3402	3742	3499	1662	1506	1541	1417		262	242	
242 Other chemicals		13511	13569	13834	13320	7583	7667	7713	7292		656	720	
2421 Pesticides and other agro-chemical products		385	412	392	365	146	147	143	143		23	25	
2422 Paints, varnishes, printing ink and mastics		1324	1350	1353	1267	498	514	500	452		46	45	
2423 Pharmaceuticals, medicinal chemicals, etc.		6005	6093	6176	5875	4003	4075	4073	3806		308	311	
2424 Soap, cleaning & cosmetic preparations		2516	2520	2651	2560	1464	1459	1531	1474		96	109	
2429 Other chemical products n.e.c.		3283	3194	3263	3253	1473	1473	1467	1418		182	231	
2430 Man-made fibres		884	862	875	758	357	344	361	293		64	107	
251 Rubber products		3002	3056	3132	3001	1401	1433	1499	1417		161	193	
2511 Rubber tyres and tubes		1003	1005	1037	1006	487	512	525	519		63	85	
2519 Other rubber products		1999	2052	2096	1995	914	921	974	898		98	108	
2520 Plastic products		10400	10402	10757	10282	4161	4197	4273	4125		565	577	
2610 Glass and glass products		1593	1615	1633	1481	841	848	876	769		123	121	
269 Non-metallic mineral products n.e.c.		8533	8585	8574	7875	4105	4138	4068	3701		496	474	
2691 Pottery, china and earthenware		872	889	935	840	453	451	477	409		56	64	
2692 Refractory ceramic products		539	511	519	454	275	254	257	223		26	19	
2693 Struct.non-refractory clay; ceramic products		211	198	190	167	125	114	108	94		10	8	
2694 Cement, lime and plaster		822	814	806	726	403	393	389	343		84	67	
2695 Articles of concrete, cement and plaster		4270	4330	4255	3871	1874	1929	1870	1690		202	188	
2696 Cutting, shaping & finishing of stone		723	718	674	673	420	421	391	394		33	34	
2699 Other non-metallic mineral products n.e.c.		1096	1125	1194	1143	555	575	577	548		83	95	
2710 Basic iron and steel		12057	11854	12506	11098	4132	4079	4296	3656		674	584	
2720 Basic precious and non-ferrous metals		3624	3706	4005	3667	950	1007	1037	920		211	182	
273 Casting of metals		1996	1895	2010	1756	887	889	913	792		133	99	
2731 Casting of iron and steel		1080	1087	1137	977	502	510	516	439		86	58	
2732 Casting of non-ferrous metals		916	808	873	779	385	379	396	352		46	41	
281 Struct.metall products;tanks;steam generators		10149	10461	10206	9636	4503	4611	4377	4155		313	243	
2811 Structural metal products		6769	7030	7027	6494	2876	2987	2909	2753		241	158	
2812 Tanks, reservoirs and containers of metal		1599	1672	1679	1615	792	829	831	796		42	44	
2813 Steam generators		1780	1759	1499	1527	835	794	637	606		30	41	
289 Other metal products; metal working services		9782	9820	10014	9245	4556	4617	4635	4313		486	436	
2891 Metal forging/pressing/stamping/roll-forming		2563	2586	2727	2482	1044	1060	1102	1013		179	117	
2892 Treatment & coating of metals		1660	1649	1736	1654	971	975	1015	959		77	88	
2893 Cutlery, hand tools and general hardware		1197	1249	1261	1216	654	695	685	665		53	53	
2899 Other fabricated metal products n.e.c.		4362	4337	4290	3893	1887	1887	1833	1676		177	179	
291 General purpose machinery		12515	12860	13672	12861	5186	5301	5593	5154		458	472	
2911 Engines & turbines(not for transport equip.)		1257	1296	1411	1311	463	461	520	469		84	57	
2912 Pumps, compressors, taps and valves		1731	1755	1869	1833	728	725	774	733		58	59	
2913 Bearings, gears, gearing & driving elements		1795	1802	1882	1763	771	787	821	766		102	102	
2914 Ovens, furnaces and furnace burners		188	189	185	178	94	89	85	74		1	2	
2915 Lifting and handling equipment		2000	2088	2135	2172	726	747	747	732		47	74	
2919 Other general purpose machinery		5543	5731	6190	5603	2404	2492	2646	2380		165	179	

292 Special purpose machinery	13828	15279	15635	14311	5637	6200	6341	5876	489	479
2921 Agricultural and forestry machinery	746	730	741	636	316	308	309	272	25	17
2922 Machine tools	2937	3361	3750	3344	1250	1419	1591	1459	109	113
2923 Machinery for metallurgy	81	165	135	166	32	56	52	69	3	4
2924 Machinery for mining & construction	2468	2564	2561	2105	777	852	854	726	64	59
2925 Food/beverage/tobacco processing machinery	400	414	406	365	197	206	198	179	11	5
2926 Machinery for textile, apparel and leather	755	741	639	586	304	298	274	249	12	13
2927 Weapons and ammunition	419	438	447	467	180	165	164	184	13	25
2929 Other special purpose machinery	6023	6866	6956	6643	2582	2897	2899	2737	253	244
2930 Domestic appliances n.e.c.	5354	5379	5106	4592	2252	2169	2027	1815	170	147
3000 Office, accounting and computing machinery	11010	12193	12758	23406	5510	6036	5725	5579	776	835
3110 Electric motors, generators and transformers	2369	2329	2429	2116	899	869	900	764	69	63
3120 Electricity distribution & control apparatus	4325	4399	4421	4161	1783	1787	1752	1711	122	106
3130 Insulated wire and cable	1848	2052	2216	1834	559	630	670	537	130	106
3140 Accumulators, primary cells and batteries	730	831	927	1005	312	321	337	353	70	78
3150 Lighting equipment and electric lamps	1276	1295	1331	1238	495	508	487	448	56	46
3190 Other electrical equipment n.e.c.	4858	4683	5147	4281	1846	1757	1877	1575	381	289
3210 Electronic valves, tubes, etc.	11841	11897	12395	11707	4445	4273	4263	3834	1180	1207
3220 TV/radio transmitters; line comm. apparatus	4160	5441	5504	5037	1464	1841	1705	1602	126	165
3230 TV and radio receivers and associated goods	11209	11188	12351	12062	3677	3802	4193	3900	724	737
331 Medical, measuring, testing appliances, etc.	3710	3895	4180	4266	1716	1822	1890	1853	122	184
3311 Medical, surgical and orthopaedic equipment	1136	1244	1248	1423	533	603	564	608	40	72
3312 Measuring/testing/navigating appliances, etc.	2293	2353	2637	2566	1047	1078	1192	1125	71	92
3313 Industrial process control equipment	281	298	294	277	136	140	135	120	11	19
3320 Optical instruments & photographic equipment	1091	1124	1290	1262	414	425	474	473	45	46
3330 Watches and clocks	669	614	643	609	166	181	184	168	24	31
3410 Motor vehicles	19548	20563	21310	21098	4432	5418	5196	5587	466	596
3420 Automobile bodies, trailers & semi-trailers	2824	2821	2958	2534	608	649	680	564	115	99
3430 Parts/accessories for automobiles	17184	17257	18250	16659	5668	5721	5739	5024	1046	1269
351 Building and repairing of ships and boats	2110	1905	2288	2478	762	584	825	915	47	50
3511 Building and repairing of ships	2030	1824	2210	2408	731	555	795	886	46	49
3512 Building/repairing of pleasure/sport. boats	81	81	78	70	30	30	30	29	1	1
3520 Railway/tramway locomotives & rolling stock	428	388	488	340	183	161	187	121	13	26
3530 Aircraft and spacecraft	839	854	972	1140	333	354	381	453	29	38
359 Transport equipment n.e.c.	441	396	380	400	201	160	142	153	14	12
3591 Motorcycles	...	...	...	-	-	-	-	-	-	-
3592 Bicycles and invalid carriages	361	312	301	322	166	123	110	119	11	10
3599 Other transport equipment n.e.c.	81	84	80	78	35	37	32	34	3	3
3610 Furniture	2909	2972	2891	2515	1243	1277	1228	1059	70	59
369 Manufacturing n.e.c.	4931	4907	4739	5011	1942	1893	1858	1956	147	144
3691 Jewellery and related articles	407	381	353	326	137	120	119	114	3	2
3692 Musical instruments	328	316	344	361	134	126	145	152	13	28
3693 Sports goods	431	442	428	403	221	218	210	201	13	12
3694 Games and toys	816	785	553	951	304	250	154	293	12	11
3699 Other manufacturing n.e.c.	2949	2982	3061	2970	1147	1179	1231	1196	106	91
3710 Recycling of metal waste and scrap	a/	451	432	461	399	a/	172	182	151	a/
3720 Recycling of non-metal waste and scrap	a/	...	...	...	...	a/	...	...	...	...
D Total manufacturing	306734	313648	324037	319815	120340	122716	123189	116419	14466	14347

a/ 3710 includes 3720.

## Japan

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
15 Food and beverages		...	99	100	100	100	101	100	102	101	102	101	99
16 Tobacco products		...	97	98	100	101	105	104	103	102	99	...	...
17 Textiles		...	106	105	100	97	93	80	76	70	68	69	60
18 Wearing apparel, fur		...	103	103	100	99	95	87	84	79	75	71	63
19 Leather, leather products and footwear		...	97	100	100	99	96	89	85	79	77	72	64
20 Wood products (excl. furniture)		...	101	101	100	97	93	89	86	81	80	75	64
21 Paper and paper products		...	90	96	100	103	101	99	101	105	107	109	106
22 Printing and publishing		...	96	97	100	104	106	111	113	115	117	118	115
23 Coke, refined petroleum products, nuclear fuel		...	90	94	100	105	108	110	114	116	116	119	119
24 Chemicals and chemical products		...	91	96	100	102	102	100	104	110	111	115	109
25 Rubber and plastics products		...	92	96	100	101	97	93	93	95	97	99	93
26 Non-metallic mineral products		...	93	97	100	100	94	91	92	92	93	93	83
27 Basic metals		...	94	97	100	102	93	91	91	94	93	98	86
28 Fabricated metal products		...	93	97	100	101	97	93	95	95	96	94	85
29 Machinery and equipment n.e.c.		...	87	96	100	100	84	75	77	84	88	91	80
30 Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus		...	88	96	100	106	95	90	94	103	113	118	113
32 Radio, television and communication equipment		...	87	94	100	107	96	100	107	119	123	135	129
33 Medical, precision and optical instruments		...	90	92	100	104	95	83	77	76	80	84	82
34 Motor vehicles, trailers, semi-trailers		...	87	94	100	101	98	91	87	86	88	96	88
35 Other transport equipment		...	69	84	100	95	109	103	100	96	103	108	95
36 Furniture; manufacturing n.e.c.		...	86	91	100	94	90	85	75	70	70	76	71
37 Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		83	91	96	100	102	96	91	92	95	97	101	94

## KAZAKHSTAN

<p><b>Supplier of information:</b> State Committee of the Republic of Kazakhstan on Statistics and Analysis, Almaty.</p> <p><b>Basic source of data:</b> Statistical reports from enterprises.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Not reported.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b> Statistical Yearbook of Kazakhstan, 1999; Industry of the Republic of Kazakhstan, 1995-1999, both published by the State Committee of the Republic of Kazakhstan on Statistics and Analysis, Almaty.</p>
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## Kazakhstan

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million TENGE)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		2348	2879	2482	2393		...	...	...	...		...	...	...	...
1511 Processing/preserving of meat		1603	2148	1850	2090		...	...	...	...		...	...	...	...
1512 Processing/preserving of fish		154	160	135	41		...	...	...	...		...	...	...	...
1513 Processing/preserving of fruit & vegetables		122	99	37	47		...	...	...	...		...	...	...	...
1514 Vegetable and animal oils and fats		469	472	460	215		...	...	...	...		...	...	...	...
1520 Dairy products		674	1080	1065	499		...	...	...	...		...	...	...	...
153 Grain mill products; starches; animal feeds		...	...	...	...		...	...	...	...		...	...	...	...
1531 Grain mill products		793	1039	1207	1290		...	...	...	...		...	...	...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...	...	...
1533 Prepared animal feeds		351	103	99	359		...	...	...	...		...	...	...	...
154 Other food products		...	...	2228	1812		...	...	...	...		...	...	...	...
1541 Bakery products		1092	1675	1711	1592		...	...	...	...		...	...	...	...
1542 Sugar		9	8	8	3		...	...	...	...		...	...	...	...
1543 Cocoa, chocolate and sugar confectionery		94	71	74	13		...	...	...	...		...	...	...	...
1544 Macaroni, noodles & similar products		...	...	165	197		...	...	...	...		...	...	...	...
1549 Other food products n.e.c.		84	30	270	7		...	...	...	...		...	...	...	...
155 Beverages		...	...	...	259		...	...	...	...		...	...	...	...
1551 Distilling, rectifying & blending of spirits		...	...	...	68		...	...	...	...		...	...	...	...
1552 Wines		58	45	47	48		...	...	...	...		...	...	...	...
1553 Malt liquors and malt		39	52	58	70		...	...	...	...		...	...	...	...
1554 Soft drinks; mineral waters		116	99	65	73		...	...	...	...		...	...	...	...
1600 Tobacco products		2	3	3	5		...	...	...	...		...	...	...	...
171 Spinning, weaving and finishing of textiles		...	...	...	...		...	...	...	...		...	...	...	...
1711 Textile fibre preparation; textile weaving		31	24	35	29		...	...	...	...		...	...	...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...	...	...
172 Other textiles		...	...	...	115		...	...	...	...		...	...	...	...
1721 Made-up textile articles, except apparel		...	...	...	92		...	...	...	...		...	...	...	...
1722 Carpets and rugs		...	...	...	2		...	...	...	...		...	...	...	...
1723 Cordage, rope, twine and netting		...	...	...	1		...	...	...	...		...	...	...	...
1729 Other textiles n.e.c.		123	96	5	20		...	...	...	...		...	...	...	...
1730 Knitted and crocheted fabrics and articles		86	53	64	53		...	...	...	...		...	...	...	...
1810 Wearing apparel, except fur apparel		706	433	335	342		...	...	...	...		...	...	...	...
1820 Dressing & dyeing of fur; processing of fur		114	107	81	72		...	...	...	...		...	...	...	...
191 Tanning, dressing and processing of leather		...	...	17	14		...	...	...	...		...	...	...	...
1911 Tanning and dressing of leather		6	11	13	9		...	...	...	...		...	...	...	...
1912 Luggage, handbags, etc.; saddlery & harness		...	...	4	5		...	...	...	...		...	...	...	...
1920 Footwear		111	35	37	46		...	...	...	...		...	...	...	...
2010 Sawmilling and planing of wood		894	615	383	282		...	...	...	...		...	...	...	...
202 Products of wood, cork, straw, etc.		...	...	661	399		...	...	...	...		...	...	...	...
2021 Veneer sheets, plywood, particle board, etc.		...	...	1	4		...	...	...	...		...	...	...	...
2022 Builders' carpentry and joinery		1	1	458	291		...	...	...	...		...	...	...	...
2023 Wooden containers		39	27	13	12		...	...	...	...		...	...	...	...
2029 Other wood products; articles of cork/straw		...	...	189	92		...	...	...	...		...	...	...	...
210 Paper and paper products		...	...	13	12		...	...	...	...		...	...	...	...
2101 Pulp, paper and paperboard		1	1	3	2		...	...	...	...		...	...	...	...
2102 Corrugated paper and paperboard		...	...	5	1		...	...	...	...		...	...	...	...
2109 Other articles of paper and paperboard		2	1	5	9		...	...	...	...		...	...	...	...
221 Publishing		...	...	...	408		...	...	...	...		...	...	...	...
2211 Publishing of books and other publications		...	...	...	222		...	...	...	...		...	...	...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	172		...	...	...	...		...	...	...	...
2213 Publishing of recorded media		...	...	...	1		...	...	...	...		...	...	...	...
2219 Other publishing		...	...	...	13		...	...	...	...		...	...	...	...



## Kazakhstan

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million TENGE)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
3000 Office, accounting and computing machinery	...	...	...	...	8	...	...	...	...	...	...	...	...	...	...
3110 Electric motors, generators and transformers	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...
3120 Electricity distribution & control apparatus	...	...	...	...	15	...	...	...	...	...	...	...	...	...	...
3130 Insulated wire and cable	17	21	16	13	...	...	...	...	...	...	...	...	...	...	...
3140 Accumulators, primary cells and batteries	8	6	10	11	...	...	...	...	...	...	...	...	...	...	...
3150 Lighting equipment and electric lamps	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...
3190 Other electrical equipment n.e.c.	21	20	23	9	...	...	...	...	...	...	...	...	...	...	...
3210 Electronic valves, tubes, etc.	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...
3220 TV/radio transmitters; line comm. apparatus	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...
3230 TV and radio receivers and associated goods	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...
331 Medical, measuring, testing appliances, etc.	11	11	11	44	...	...	...	...	...	...	...	...	...	...	...
3311 Medical, surgical and orthopaedic equipment	1	-	...	22	...	...	...	...	...	...	...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	6	8	7	17	...	...	...	...	...	...	...	...	...	...	...
3313 Industrial process control equipment	4	3	2	5	...	...	...	...	...	...	...	...	...	...	...
3320 Optical instruments & photographic equipment	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...
3330 Watches and clocks	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...
3410 Motor vehicles	12	12	14	8	...	...	...	...	...	...	...	...	...	...	...
3420 Automobile bodies, trailers & semi-trailers	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
3430 Parts/accessories for automobiles	...	...	...	9	...	...	...	...	...	...	...	...	...	...	...
351 Building and repairing of ships and boats	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...
3511 Building and repairing of ships	5	5	5	5	...	...	...	...	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats	...	...	...	-	...	...	...	...	...	...	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...
3530 Aircraft and spacecraft	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...
359 Transport equipment n.e.c.	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...
3591 Motorcycles	...	...	...	-	...	...	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...
3610 Furniture	224	158	116	161	...	...	...	...	...	...	...	...	...	...	...
369 Manufacturing n.e.c.	...	...	...	96	...	...	...	...	...	...	...	...	...	...	...
3691 Jewellery and related articles	3	3	2	4	...	...	...	...	...	...	...	...	...	...	...
3692 Musical instruments	1	1	1	1	...	...	...	...	...	...	...	...	...	...	...
3693 Sports goods	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...
3694 Games and toys	4	3	4	7	...	...	...	...	...	...	...	...	...	...	...
3699 Other manufacturing n.e.c.	26	37	...	81	...	...	...	...	...	...	...	...	...	...	...
3710 Recycling of metal waste and scrap	...	...	...	69	...	...	...	...	...	...	...	...	...	...	...
3720 Recycling of non-metal waste and scrap	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing	17104	16516	15791	12092	...	...	...	...	...	...	...	...	...	...	...

## Kazakhstan

ISIC Revision 3	Output				Value added				Gross fixed capital formation					
	ISIC Industry	Note	(million TENGE)				Note	(million TENGE)				Note	(million TENGE)	
			1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
151 Processed meat, fish, fruit, vegetables, fats		21058	19371	16441	12278		...	...	...	...		...	...	
1511 Processing/preserving of meat		16371	14166	11518	9344		...	...	...	...		...	...	
1512 Processing/preserving of fish		1824	1930	1842	1262		...	...	...	...		...	...	
1513 Processing/preserving of fruit & vegetables		514	733	359	492		...	...	...	...		...	...	
1514 Vegetable and animal oils and fats		2349	2542	2722	1508		...	...	...	...		...	...	
1520 Dairy products		12804	10705	7580	6858		...	...	...	...		...	...	
153 Grain mill products; starches; animal feeds		...	...	...	...		...	...	...	...		...	...	
1531 Grain mill products		10340	10254	12005	13450		...	...	...	...		...	...	
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...	
1533 Prepared animal feeds		4813	3210	2592	1715		...	...	...	...		...	...	
154 Other food products		...	...	...	22812		...	...	...	...		...	...	
1541 Bakery products		15580	16656	14586	13444		...	...	...	...		...	...	
1542 Sugar		1178	1395	848	2324		...	...	...	...		...	...	
1543 Cocoa, chocolate and sugar confectionery		1842	3187	4987	4010		...	...	...	...		...	...	
1544 Macaroni, noodles & similar products		...	...	...	2666		...	...	...	...		...	...	
1549 Other food products n.e.c.		1101	425	390	368		...	...	...	...		...	...	
155 Beverages		...	...	...	18765		...	...	...	...		...	...	
1551 Distilling, rectifying & blending of spirits		...	...	...	8254		...	...	...	...		...	...	
1552 Wines		1018	1420	3848	1550		...	...	...	...		...	...	
1553 Malt liquors and malt		1193	1875	2305	3049		...	...	...	...		...	...	
1554 Soft drinks; mineral waters		446	2025	3423	5912		...	...	...	...		...	...	
1600 Tobacco products		3899	9846	14032	14176		...	...	...	...		...	...	
171 Spinning, weaving and finishing of textiles		...	...	...	...		...	...	...	...		...	...	
1711 Textile fibre preparation; textile weaving		4435	3752	2775	3660		...	...	...	...		...	...	
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...	
172 Other textiles		...	...	...	...		...	...	...	...		...	...	
1721 Made-up textile articles, except apparel		...	...	...	390		...	...	...	...		...	...	
1722 Carpets and rugs		...	...	...	272		...	...	...	...		...	...	
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...	
1729 Other textiles n.e.c.		6374	8057	6876	296		...	...	...	...		...	...	
1730 Knitted and crocheted fabrics and articles		1041	705	454	232		...	...	...	...		...	...	
1810 Wearing apparel, except fur apparel		2617	2048	2027	1785		...	...	...	...		...	...	
1820 Dressing & dyeing of fur; processing of fur		678	534	355	186		...	...	...	...		...	...	
191 Tanning, dressing and processing of leather		...	...	...	101		...	...	...	...		...	...	
1911 Tanning and dressing of leather		82	137	92	92		...	...	...	...		...	...	
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	9		...	...	...	...		...	...	
1920 Footwear		482	365	223	503		...	...	...	...		...	...	
2010 Sawmilling and planing of wood		737	582	282	543		...	...	...	...		...	...	
202 Products of wood, cork, straw, etc.		...	...	...	1064		...	...	...	...		...	...	
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	31		...	...	...	...		...	...	
2022 Builders' carpentry and joinery		5	4	1	950		...	...	...	...		...	...	
2023 Wooden containers		64	40	19	13		...	...	...	...		...	...	
2029 Other wood products; articles of cork/straw		...	...	...	70		...	...	...	...		...	...	
210 Paper and paper products		...	...	...	...		...	...	...	...		...	...	
2101 Pulp, paper and paperboard		161	222	86	2		...	...	...	...		...	...	
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...	
2109 Other articles of paper and paperboard		160	223	366	160		...	...	...	...		...	...	
221 Publishing		...	...	...	...		...	...	...	...		...	...	
2211 Publishing of books and other publications		...	...	...	2407		...	...	...	...		...	...	
2212 Publishing of newspapers, journals, etc.		...	...	...	1899		...	...	...	...		...	...	
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...	
2219 Other publishing		...	...	...	71		...	...	...	...		...	...	

continued



## Kazakhstan

ISIC Revision 3	Output				Value added				Gross fixed capital formation					
	ISIC Industry	Note	(million TENGE)				Note	(million TENGE)				Note	(million TENGE)	
			1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222 Printing and related service activities		...	...	...	4094		...	...	...		...	...		
2221 Printing		1927	2400	4309	3802		...	...	...		...	...		
2222 Service activities related to printing		...	...	...	292		...	...	...		...	...		
2230 Reproduction of recorded media		...	...	...	8		...	...	...		...	...		
2310 Coke oven products		...	...	...	333		...	...	...		...	...		
2320 Refined petroleum products		21251	38984	40204	30628		...	...	...		...	...		
2330 Processing of nuclear fuel		...	...	...	...		...	...	...		...	...		
241 Basic chemicals		15126	16473	11991	8657		...	...	...		...	...		
2411 Basic chemicals, except fertilizers		2058	2025	1353	8233		...	...	...		...	...		
2412 Fertilizers and nitrogen compounds		10841	12561	10455	429		...	...	...		...	...		
2413 Plastics in primary forms; synthetic rubber		2227	1887	183	195		...	...	...		...	...		
242 Other chemicals		...	...	...	...		...	...	...		...	...		
2421 Pesticides and other agro-chemical products		...	...	...	...		...	...	...		...	...		
2422 Paints, varnishes, printing ink and mastics		381	712	699	492		...	...	...		...	...		
2423 Pharmaceuticals, medicinal chemicals, etc.		382	334	754	862		...	...	...		...	...		
2424 Soap, cleaning & cosmetic preparations		...	...	...	677		...	...	...		...	...		
2429 Other chemical products n.e.c.		17118	18836	13957	...		...	...	...		...	...		
2430 Man-made fibres		...	...	...	54		...	...	...		...	...		
251 Rubber products		1084	1193	406	1246		...	...	...		...	...		
2511 Rubber tyres and tubes		233	616	75	979		...	...	...		...	...		
2519 Other rubber products		851	577	331	236		...	...	...		...	...		
2520 Plastic products		401	349	893	1134		...	...	...		...	...		
2610 Glass and glass products		93	92	72	181		...	...	...		...	...		
269 Non-metallic mineral products n.e.c.		...	...	...	11874		...	...	...		...	...		
2691 Pottery, china and earthenware		228	164	42	311		...	...	...		...	...		
2692 Refractory ceramic products		1830	1506	1228	212		...	...	...		...	...		
2693 Struct.non-refractory clay; ceramic products		368	97	16	663		...	...	...		...	...		
2694 Cement, lime and plaster		3061	2637	2120	2382		...	...	...		...	...		
2695 Articles of concrete, cement and plaster		2905	2998	3291	7529		...	...	...		...	...		
2696 Cutting, shaping & finishing of stone		...	...	...	265		...	...	...		...	...		
2699 Other non-metallic mineral products n.e.c.		...	...	...	512		...	...	...		...	...		
2710 Basic iron and steel		35136	40230	54669	40496		...	...	...		...	...		
2720 Basic precious and non-ferrous metals		76109	84937	111555	91607		...	...	...		...	...		
273 Casting of metals		...	...	...	593		...	...	...		...	...		
2731 Casting of iron and steel		...	...	...	587		...	...	...		...	...		
2732 Casting of non-ferrous metals		...	...	...	6		...	...	...		...	...		
281 Struct.metall products;tanks;steam generators		5108	5445	5004	2932		...	...	...		...	...		
2811 Structural metal products		4002	4063	3911	2002		...	...	...		...	...		
2812 Tanks, reservoirs and containers of metal		1097	1134	928	68		...	...	...		...	...		
2813 Steam generators		9	248	165	862		...	...	...		...	...		
289 Other metal products; metal working services		...	...	...	4270		...	...	...		...	...		
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	45		...	...	...		...	...		
2892 Treatment & coating of metals		...	...	...	1		...	...	...		...	...		
2893 Cutlery, hand tools and general hardware		272	199	184	104		...	...	...		...	...		
2899 Other fabricated metal products n.e.c.		1140	1659	2064	4120		...	...	...		...	...		
291 General purpose machinery		...	...	...	2471		...	...	...		...	...		
2911 Engines & turbines(not for transport equip.)		211	-	-	72		...	...	...		...	...		
2912 Pumps, compressors, taps and valves		212	186	59	582		...	...	...		...	...		
2913 Bearings, gears, gearing & driving elements		2092	2844	1637	1001		...	...	...		...	...		
2914 Ovens, furnaces and furnace burners		29	67	107	90		...	...	...		...	...		
2915 Lifting and handling equipment		35	20	45	267		...	...	...		...	...		
2919 Other general purpose machinery		...	...	...	459		...	...	...		...	...		

292	Special purpose machinery	...	...	...	...	...	...	...	...
2921	Agricultural and forestry machinery	2962	2657	1872	2031	...	...	...	...
2922	Machine tools	225	177	128	105	...	...	...	...
2923	Machinery for metallurgy	1097	1134	928	665	...	...	...	...
2924	Machinery for mining & construction	2330	2118	1179	979	...	...	...	...
2925	Food/beverage/tobacco processing machinery	114	121	128	205	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	786	...	...	...	...
2929	Other special purpose machinery	3993	3009	3516	872	...	...	...	...
2930	Domestic appliances n.e.c.	190	120	30	185	...	...	...	...
3000	Office, accounting and computing machinery	...	...	...	365	...	...	...	...
3110	Electric motors, generators and transformers	...	...	...	298	...	...	...	...
3120	Electricity distribution & control apparatus	...	...	...	295	...	...	...	...
3130	Insulated wire and cable	276	572	507	390	...	...	...	...
3140	Accumulators, primary cells and batteries	1643	1505	1073	753	...	...	...	...
3150	Lighting equipment and electric lamps	...	...	...	22	...	...	...	...
3190	Other electrical equipment n.e.c.	778	861	696	337	...	...	...	...
3210	Electronic valves, tubes, etc.	...	...	...	54	...	...	...	...
3220	TV/radio transmitters; line comm. apparatus	...	...	...	270	...	...	...	...
3230	TV and radio receivers and associated goods	...	...	...	1872	...	...	...	...
331	Medical, measuring, testing appliances, etc.	755	500	300	994	...	...	...	...
3311	Medical, surgical and orthopaedic equipment	237	-	4	201	...	...	...	...
3312	Measuring/testing/navigating appliances, etc.	478	359	147	745	...	...	...	...
3313	Industrial process control equipment	40	141	149	48	...	...	...	...
3320	Optical instruments & photographic equipment	...	...	...	5	...	...	...	...
3330	Watches and clocks	...	...	...	2	...	...	...	...
3410	Motor vehicles	391	228	279	128	...	...	...	...
3420	Automobile bodies, trailers & semi-trailers	...	...	...	...	...	...	...	...
3430	Parts/accessories for automobiles	...	...	...	140	...	...	...	...
351	Building and repairing of ships and boats	...	...	...	140	...	...	...	...
3511	Building and repairing of ships	69	55	80	140	...	...	...	...
3512	Building/repairing of pleasure/sport. boats	...	...	...	-	...	...	...	...
3520	Railway/tramway locomotives & rolling stock	...	...	...	125	...	...	...	...
3530	Aircraft and spacecraft	...	...	...	128	...	...	...	...
359	Transport equipment n.e.c.	...	...	...	...	...	...	...	...
3591	Motorcycles	...	...	...	-	...	...	...	...
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	...	...	...	24	...	...	...	...
3610	Furniture	1952	1863	1240	1106	...	...	...	...
369	Manufacturing n.e.c.	...	...	...	...	...	...	...	...
3691	Jewellery and related articles	16	35	11	131	...	...	...	...
3692	Musical instruments	1	...	...	...	...	...	...	...
3693	Sports goods	...	...	...	2	...	...	...	...
3694	Games and toys	15	16	3	14	...	...	...	...
3699	Other manufacturing n.e.c.	588	523	302	956	...	...	...	...
3710	Recycling of metal waste and scrap	...	...	...	1810	...	...	...	...
3720	Recycling of non-metal waste and scrap	...	...	...	6	...	...	...	...
D	Total manufacturing	447428	482338	511934	445022	...	...	...	...

## Kazakhstan

ISIC Revision 3		Index numbers of industrial production											
		Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
ISIC Industry													
15	Food and beverages		...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products		...	...	...	...	...	...	...	...	...	...	...
17	Textiles		...	...	...	...	...	...	...	...	...	...	...
18	Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products		...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing		...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...
27	Basic metals		...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment		...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...
37	Recycling		...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		...	...	...	...	...	...	...	...	...	...	...

## KENYA

<p><b>Supplier of information:</b> Central Bureau of Statistics, Office of the Vice-President and Ministry of Planning and National Development, Nairobi.</p> <p><b>Basic source of data:</b> Annual survey of industrial production, census of industrial production.</p> <p><b>Major deviations from ISIC (Revision 2):</b> Manufacture of metal furniture and fixtures (part of ISIC 381) is classified under ISIC 332, and ISIC 384 includes repair of motor vehicles (part of ISIC major division 9).</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All establishments.</p> <p><b>Method of enumeration:</b> The survey is conducted by mail.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of employees</u> is the average of the numbers at the beginning and end of the reference year. <u>Wages and salaries</u> is compensation of employees. It is computed as 12 times the value of wages and salaries for June of the reference year. <u>Output</u> is gross output and includes gross revenues from goods shipped in the same condition as received.</p> <p><b>Related national publications:</b> Statistical Abstract (annual), published by the Central Bureau of Statistics, Office of the Vice-President and Ministry of Planning and National Development, Nairobi.</p>
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## Kenya

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million POUNDS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		748	802	719	926		60583	62612	64788	66721		177.5	227.5	283.8	352.1
3111 Slaughtering, preparing & preserving meat		2	2	2	14		4469	4114	4147	4102		15.5	17.0	20.6	23.9
3112 Dairy products		52	64	57	92		4268	4348	4384	4323		21.6	26.6	31.3	35.5
3113 Canning, preserving of fruits & vegetables		9	9	8	18		4216	4260	4293	4279		11.5	14.9	18.9	21.1
3114 Canning, preserving and processing of fish		3	3	3	2		197	199	192	190		0.6	0.8	1.0	1.2
3115 Vegetable and animal oils and fats		37	37	33	8		1807	1916	2011	2084		10.9	15.0	20.3	26.5
3116 Grain mill products		172	176	158	222		5256	5577	5812	5847		18.4	24.6	30.1	35.7
3117 Bakery products		104	124	111	143		2552	2694	2744	2776		9.5	13.0	16.3	20.1
3118 Sugar factories and refineries		27	27	24	8		13000	13008	13180	13635		35.3	42.3	51.2	66.9
3119 Cocoa, chocolate and sugar confectionery		19	19	17	2		814	907	910	912		3.6	5.0	6.1	7.5
3121 Other food products		321	338	303	415		23009	24524	25970	27368		47.2	63.8	82.4	106.3
3122 Prepared animal feeds		2	3	3	2		995	1065	1145	1205		3.3	4.5	5.8	7.4
313 Beverages		50a/	...	...	...		8806a/	7384	7476	7547		64.3a/	...	...	112.3
3131 Distilling, rectifying and blending spirits		...	...	...	...		...	285	299	308		...	...	...	...
3132 Wine industries		...	...	...	...		...	-	-	-		...	...	...	...
3133 Malt liquors and malt		...	...	...	...		...	4701	4725	4753		...	...	...	...
3134 Soft drinks and carbonated waters		27	30	27	49		2359	2398	2452	2486		13.9	17.6	22.0	27.1
314 Tobacco		...a/	...	...	...		...a/	1645	1701	...		...a/	...	...	...
321 Textiles		101	101	94	59		24968	25329	25539	25492		66.6	81.8	101.2	125.0
3211 Spinning, weaving and finishing textiles		31	29	26	10		12030	11791	11911	12297		29.7	35.5	43.3	53.6
3212 Made-up textile goods excl. wearing apparel		36	36	32	2		2625	2630	2640	2643		6.4	7.8	8.9	10.1
3213 Knitting mills		22	24	22	41		7720	7903	7925	7933		24.5	30.6	39.0	49.5
3214 Carpets and rugs		-	...	...	...		-	...	...	...		...	...	...	...
3215 Cordage, rope and twine		7	7	6	4		2199	2222	2291	2241		5.3	6.0	7.6	9.1
3219 Other textiles		5	5	4	2		394	405	396	378		0.8	1.0	1.3	1.4
322 Wearing apparel, except footwear		557	567	508	605		7114	7211	7304	7395		17.1	22.0	28.8	36.8
323 Leather and fur products		26	34	31	8		1673	1740	1750	1743		4.4	5.1	5.8	6.5
3231 Tanneries and leather finishing		22	30	27	6		1304	1355	1355	1345		3.5	4.0	4.5	5.1
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	-	-
3233 Leather prods. excl. wearing apparel		4	4	4	2		369	385	395	398		0.9	1.1	1.3	1.4
324 Footwear, except rubber or plastic		15	15	13	...		2419	2490	2529	2481		10.2	13.4	17.2	21.1
331 Wood products, except furniture		223	223	201	293		9160	9478	9617	9629		19.7	24.8	30.0	35.6
3311 Sawmills, planing and other wood mills		220	220	197	289		9012	9328	9467	9478		19.3	24.4	29.4	34.9
3312 Wooden and cane containers		3	3	3	2		24	25	26	28		0.1	0.1	0.1	0.1
3319 Other wood and cork products		...	-	1	2		124	125	124	123		0.3	0.3	0.4	0.6
332 Furniture and fixtures, excl. metal		292	292	262	318		4050	4205	4284	4320		12.2	15.8	19.9	24.2
341 Paper and products		60	65	58	99		7759	8039	8200	8294		31.0	39.7	50.3	64.2
3411 Pulp, paper and paperboard articles		1	2	2	2		3945	4072	4161	4186		12.3	15.3	19.4	26.1
3412 Containers of paper and paperboard		-	-	-	-		-	-	-	-		-	-	-	-
3419 Other pulp, paper and paperboard articles		59	63	56	97		3814	3967	4039	4108		18.7	24.4	30.9	38.1
342 Printing and publishing		367	393	352	448		6575	6850	6970	6978		29.4	35.3	43.4	54.0
351 Industrial chemicals		38	41	37	60		3839	3946	3997	4049		19.4	26.2	34.0	43.7
3511 Basic chemicals excl. fertilizers		28	31	28	54		2708	2778	2807	2837		13.4	17.6	22.9	29.7
3512 Fertilizers and pesticides		10	10	9	6		1131	1168	1190	1212		6.0	8.6	11.0	14.0
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-		-	-	-	-
352 Other chemicals		148	156	140	137		10051	10492	10865	11005		59.7	73.1	87.8	105.2
3521 Paints, varnishes and lacquers		10	10	9	2		1024	1057	1160	1178		5.0	6.1	7.8	9.1
3522 Drugs and medicines		29	33	30	10		2412	2619	2776	2821		15.5	19.4	23.6	30.4
3523 Soap, cleaning preps., perfumes, cosmetics		66	67	60	89		4428	4602	4716	4789		29.5	36.2	43.5	51.2
3529 Other chemical products		43	46	41	36		2187	2214	2213	2217		9.6	11.4	12.8	14.5
353 Petroleum refineries		2	2	2	2		266	230	230	230		6.1	7.0	8.4	10.7

354 Misc. petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-
355 Rubber products	67	70	63	95	2440	2496	2540	2792	15.4	19.2	23.3	27.1
3551 Tyres and tubes	....	....	....	....	....	....	....	....	....	....	....	....
3559 Other rubber products	....	....	....	....	....	....	....	....	....	....	....	....
356 Plastic products	64	75	67	111	4465	4713	4899	5079	16.9	22.1	28.2	33.1
361 Pottery, china, earthenware	1	1	1	2	237	236	219	211	0.8	0.9	1.0	1.3
362 Glass and products	3	3	3	....	1516	1579	1619	1645	5.0	6.3	7.6	9.1
369 Other non-metallic mineral products	48	48	43	36	6037	6298	6416	6410	31.5	38.1	47.0	58.4
3691 Structural clay products	2	2	2	2	898	900	940	962	2.6	3.3	4.4	5.4
3692 Cement, lime and plaster	1	1	1	6	3861	4098	4198	4197	22.0	25.7	31.1	38.7
3699 Other non-metallic mineral products	45	45	40	28	1278	1300	1278	1251	6.9	9.1	11.5	14.3
371 Iron and steel	42b/	....	....	....	5774b/	....	....	....	17.2b/	....	....	....
372 Non-ferrous metals	...b/	....	....	....	...b/	....	....	....	...b/	....	....	....
381 Fabricated metal products	377	382	342	456	13173	13646	13911	13950	49.8	61.0	76.1	100.0
3811 Cutlery, hand tools and general hardware	26	27	24	18	950	1028	1072	1086	3.5	4.3	5.7	7.2
3812 Furniture and fixtures primarily of metal	26	26	23	22	918	938	958	968	3.8	4.8	6.4	8.4
3813 Structural metal products	69	70	63	103	3295	3380	3392	3399	12.1	15.3	19.3	24.8
3819 Other fabricated metal products	256	259	232	313	8010	8300	8489	8497	30.4	36.6	44.6	59.6
382 Non-electrical machinery	67	67	....	....	1502	1520	1533	....	5.6	7.2	8.9	10.4
3821 Engines and turbines	....	....	....	....	....	....	....	....	....	....	....	....
3822 Agricultural machinery and equipment	....	....	....	....	....	....	....	....	....	....	....	....
3823 Metal and wood working machinery	....	....	....	....	....	....	....	....	....	....	....	....
3824 Other special industrial machinery	....	....	....	....	....	....	....	....	....	....	....	....
3825 Office, computing and accounting machinery	....	....	....	....	....	....	....	....	....	....	....	....
3829 Other non-electrical machinery & equipment	....	....	....	....	....	....	....	....	....	....	....	....
383 Electrical machinery	47	50	45	81	3218	3219	3252	3276	22.1	27.6	32.4	39.3
3831 Electrical industrial machinery	....	....	....	....	....	....	....	....	....	....	....	....
3832 Radio, television and communication equipm.	....	....	....	....	....	....	....	....	....	....	....	....
3833 Electrical appliances and housewares	....	....	....	....	....	....	....	....	....	....	....	....
3839 Other electrical apparatus and supplies	....	....	....	....	....	....	....	....	....	....	....	....
384 Transport equipment	72	78	149	139	15297	15152	14873	14219	70.3	81.7	96.4	118.2
3841 Shipbuilding and repairing	4	4	4	4	547	569	561	551	4.5	5.9	7.2	8.5
3842 Railroad equipment	1	1	79	27	11320	11089	10758	10102	44.4	49.6	57.7	69.5
3843 Motor vehicles	61	66	59	96	3275	3327	3396	3422	20.4	24.8	29.9	38.4
3844 Motorcycles and bicycles	4	4	4	8	3	....	....	....	....	....	....	....
3845 Aircraft	2	3	3	4	152	167	158	144	1.1	1.5	1.7	1.8
3849 Other transport equipment	....	....	....	....	....	....	....	....	....	....	....	....
385 Professional and scientific equipment	6	6	....	6	292	319	329	332	0.9	1.2	1.6	1.9
3851 Prof. and scientific equipment n.e.c.	....	....	....	....	....	....	....	....	....	....	....	....
3852 Photographic and optical goods	....	....	....	....	....	....	....	....	....	....	....	....
3853 Watches and clocks	....	....	....	....	....	....	....	....	....	....	....	....
390 Other manufacturing industries	264	269	241	336	3579	3727	3768	3779	12.2	16.1	20.5	24.5
3901 Jewellery and related articles	....	....	....	....	....	....	....	....	....	....	....	....
3902 Musical instruments	....	....	....	....	....	....	....	....	....	....	....	....
3903 Sporting and athletic goods	....	....	....	....	....	....	....	....	....	....	....	....
3909 Manufacturing industries, n.e.c.	....	....	....	....	....	....	....	....	....	....	....	....
3 Total manufacturing	3685	3843	3524	4355	204793	210423	214490	216889	765.3	958.0	1182.0	1459.5

a/ 313 includes 314.

b/ 371 includes 372.

## Kenya

ISIC Revision 2	Output in factor values				Value added in factor values				Gross fixed capital formation					
	ISIC Industry	Note	(million POUNDS)				Note	(million POUNDS)				Note	(million POUNDS)	
			1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
311/2 Food products		10560	13232	17949	19082		847	847	976	1118		109.9	152.4	
3111 Slaughtering, preparing & preserving meat		...	...	...	...		...	...	...	...		3.9	3.0	
3112 Dairy products		...	...	...	...		...	...	...	...		0.1	5.6	
3113 Canning, preserving of fruits & vegetables		...	...	...	...		...	...	...	...		10.6	3.2	
3114 Canning, preserving and processing of fish		...	...	...	...		...	...	...	...		1.8	-	
3115 Vegetable and animal oils and fats		...	...	...	...		...	...	...	...		11.5	34.8	
3116 Grain mill products		...	...	...	...		...	...	...	...		3.2	0.9	
3117 Bakery products		...	...	...	...		...	...	...	...		1.3	7.5	
3118 Sugar factories and refineries		...	...	...	...		...	...	...	...		12.7	22.4	
3119 Cocoa, chocolate and sugar confectionery		...	...	...	...		...	...	...	...		4.7	12.7	
3121 Other food products		...	...	...	...		...	...	...	...		59.7	62.3	
3122 Prepared animal feeds		...	...	...	...		...	...	...	...		0.4	-	
313 Beverages		300	402	232	345		216	216	301	348		7.3	22.8	
3131 Distilling, rectifying and blending spirits		...	...	...	...		...	...	...	...		2.4	-	
3132 Wine industries		...	...	...	...		...	...	...	...		-	-	
3133 Malt liquors and malt		...	...	...	...		...	...	...	...		-	7.4	
3134 Soft drinks and carbonated waters		...	...	...	...		...	...	...	...		4.9	15.4	
314 Tobacco		474	505	658	622		33	40	48	59		-	...	
321 Textiles		418	586	421	315		94	108	124	143		10.8	10.9	
3211 Spinning, weaving and finishing textiles		...	...	...	...		...	...	...	...		-	0.1	
3212 Made-up textile goods excl. wearing apparel		...	...	...	...		...	...	...	...		8.7	7.8	
3213 Knitting mills		...	...	...	...		...	...	...	...		2.0	3.0	
3214 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	
3215 Cordage, rope and twine		...	...	...	...		...	...	...	...		...	...	
3219 Other textiles		...	...	...	...		...	...	...	...		-	-	
322 Wearing apparel, except footwear		163	250	499	240		36	43	52	62		1.8	8.0	
323 Leather and fur products		29	32	72	52		8	9	10	9		-	4.1	
3231 Tanneries and leather finishing		...	...	...	...		...	...	...	...		-	-	
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		-	-	
3233 Leather prods. excl. wearing apparel		...	...	...	...		...	...	...	...		-	4.1	
324 Footwear, except rubber or plastic		110	159	140	53		22	26	32	36		2.6	4.4	
331 Wood products, except furniture		114	149	189	221		38	44	49	55		0.2	0.3	
3311 Sawmills, planing and other wood mills		...	...	...	...		...	...	...	...		0.2	0.3	
3312 Wooden and cane containers		...	...	...	...		...	...	...	...		-	-	
3319 Other wood and cork products		...	...	...	...		...	...	...	...		-	-	
332 Furniture and fixtures, excl. metal		41	41	103	59		17	21	25	28		9.0	2.6	
341 Paper and products		497	596	488	381		86	104	122	146		11.0	15.3	
3411 Pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		-	-	
3412 Containers of paper and paperboard		...	...	...	...		...	...	...	...		-	-	
3419 Other pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		11.0	15.3	
342 Printing and publishing		139	214	290	264		53	58	67	77		0.8	13.9	
351 Industrial chemicals		511	973	353	323		42	53	64	75		0.9	1.9	
3511 Basic chemicals excl. fertilizers		...	...	...	...		...	...	...	...		0.9	0.8	
3512 Fertilizers and pesticides		...	...	...	...		...	...	...	...		-	1.1	
3513 Synthetic resins and plastic materials		...	...	...	...		...	...	...	...		-	-	
352 Other chemicals		2318	2814	2605	2392		139	160	177	198		11.6	16.2	
3521 Paints, varnishes and lacquers		...	...	...	...		...	...	...	...		1.3	0.1	
3522 Drugs and medicines		...	...	...	...		...	...	...	...		1.4	8.0	
3523 Soap, cleaning preps., perfumes, cosmetics		...	...	...	...		...	...	...	...		7.3	7.4	
3529 Other chemical products		...	...	...	...		...	...	...	...		1.6	0.8	
353 Petroleum refineries		1479	1882	2742	1762		20	22	25	26		0.1	25.1	

354 Misc. petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-
355 Rubber products	196	236	432	316	68	80	90	97	2.1	51.5	
3551 Tyres and tubes	...	...	...	...	...	...	...	...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	359	496	368	364	75	93	109	119	14.7	11.3	
361 Pottery, china, earthenware	2	3	3	9	2	2	2	3	-	...	
362 Glass and products	14	15	16	13	10	11	12	14	-	...	
369 Other non-metallic mineral products	322	682	617	551	82	92	104	118	64.0	178.5	
3691 Structural clay products	...	...	...	...	...	...	...	...	2.0	-	
3692 Cement, lime and plaster	...	...	...	...	...	...	...	...	61.5	176.5	
3699 Other non-metallic mineral products	...	...	...	...	...	...	...	...	0.6	2.0	
371 Iron and steel	...	...	...	...	...	...	...	...	a/	2.0	0.3
372 Non-ferrous metals	...	...	...	...	...	...	...	...	a/	...	...
381 Fabricated metal products	799	1004	1442	1362	131	149	171	210	35.7	13.6	
3811 Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	5.1	5.6	
3812 Furniture and fixtures primarily of metal	...	...	...	...	...	...	...	...	-	-	
3813 Structural metal products	...	...	...	...	...	...	...	...	5.1	5.2	
3819 Other fabricated metal products	...	...	...	...	...	...	...	...	25.4	2.7	
382 Non-electrical machinery	140	196	187	104	12	14	16	18	0.8	0.9	
3821 Engines and turbines	...	...	...	...	...	...	...	...	...	...	...
3822 Agricultural machinery and equipment	...	...	...	...	...	...	...	...	...	...	...
3823 Metal and wood working machinery	...	...	...	...	...	...	...	...	...	...	...
3824 Other special industrial machinery	...	...	...	...	...	...	...	...	...	...	...
3825 Office, computing and accounting machinery	...	...	...	...	...	...	...	...	...	...	...
3829 Other non-electrical machinery & equipment	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery	1835	2021	837	657	133	...	...	...	2.3	3.2	
3831 Electrical industrial machinery	...	...	...	...	...	...	...	...	...	...	...
3832 Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...	...	...	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	1515	1232	1005	1494	81	67	72	79	10.5	44.3	
3841 Shipbuilding and repairing	...	...	...	...	...	...	...	...	1.2	2.6	
3842 Railroad equipment	...	...	...	...	...	...	...	...	-	-	
3843 Motor vehicles	...	...	...	...	...	...	...	...	9.2	41.6	
3844 Motorcycles and bicycles	...	...	...	...	...	...	...	...	...	...	...
3845 Aircraft	...	...	...	...	...	...	...	...	0.1	0.1	
3849 Other transport equipment	...	...	...	...	...	...	...	...	-	-	
385 Professional and scientific equipment	17	35	29	29	1	1	4	2	0.6	2.2	
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	121	156	272	489	41	51	60	67	1.9	0.5	
3901 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing	22473	27911	31949b/	31499b/	2287	2311b/	2712b/	3107b/	300.6	584.2	

a/ 371 includes 372.

b/ Sum of available branches.



## Kenya

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products		92	98	98	100	102	98	98	98	114	114	114	117
313 Beverages		93	96	96	100	100	117	116	107	112	98	95	97
314 Tobacco		96	100	100	100	97	108	109	110	119	126	133	113
321 Textiles		95	97	97	100	108	108	125	92	68	62	59	59
322 Wearing apparel, except footwear		94	97	97	100	86	85	77	49	40	40	38	39
323 Leather and fur products	a/	88	93	93	100	107	103	93	102	69	73	65	61
324 Footwear, except rubber or plastic	a/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		99	97	97	100	107	109	108	112	108	110	110	108
332 Furniture and fixtures, excl. metal		101	100	100	100	97	64	68	69	72	75	75	77
341 Paper and products		86	95	95	100	108	130	91	79	77	97	99	112
342 Printing and publishing		95	99	99	100	103	105	105	108	115	118	119	119
351 Industrial chemicals		85	92	92	100	118	118	124	108	106	102	80	85
352 Other chemicals		76	87	87	100	129	122	119	115	124	134	149	150
353 Petroleum refineries	b/	76	87	87	100	129	122	119	115	124	134	149	150
354 Misc. petroleum and coal products	b/	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		90	93	93	100	104	204	202	199	201	204	220	217
356 Plastic products		97	93	93	100	125	148	163	166	176	181	233	278
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		86	90	63	100	77	170	355	524	621	703	667	721
369 Other non-metallic mineral products		98	96	98	100	119	140	137	144	143	149	157	147
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		75	86	85	100	131	119	119	133	134	159	193	164
382 Non-electrical machinery		96	104	104	100	76	72	71	76	59	86	67	65
383 Electrical machinery		87	98	98	100	134	130	116	117	131	138	110	115
384 Transport equipment		86	96	96	100	104	95	79	85	83	112	93	68
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		90	96	100	100	118	118	118	118	126	152	176	204
3 Total manufacturing		89	95	95	100	110	115	114	112	117	123	126	126

a/ 323 includes 324.

b/ 353 includes 354.

## KUWAIT

<p><b>Supplier of information:</b> Central Statistical Office, Ministry of Planning, Safat.</p> <p><b>Basic source of data:</b> Annual industrial survey.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b> The reference period is the calendar year, but data reported for the financial year are accepted and incorporated in the calendar year in which the major part of the financial year falls. For establishments in the petroleum refineries, estimates for the calendar year are made on the basis of the average of the two fiscal years.</p> <p><b>Scope:</b> All industrial establishments in the private and public sectors, including establishments with joint private and public ownership.</p> <p><b>Method of enumeration:</b> Establishments are covered on a census-cum-sample basis as follows: (a) census coverage of all establishments with 10 or more employees as well as establishments in those activities (as defined by a 5-digit code based on the ISIC) containing less than 20 establishments; and (b) sample coverage of all establishments not covered by the census. These establishments are divided into two groups according to employment levels 1-4 and 5-9 and samples are taken from both groups. Data are collected by trained field enumerators using specially designed questionnaires.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b> Annual Survey of Establishments (Industry); Statistical Abstract (annual), both published by the Central Statistical Office, Ministry of Planning, Safat.</p>
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## Kuwait

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand DINARS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
311/2 Food products		296	295	296	299		6689	7604	7767	7875		14067	16556	17431	18289
3111 Slaughtering, preparing & preserving meat		4	4	5	5		267	254	347	352		607	580	980	1186
3112 Dairy products		5	5	5	5		1092	1199	1189	1190		2911	3002	3081	3126
3113 Canning, preserving of fruits & vegetables		-	-	-	-		-	-	-	-		-	-	-	-
3114 Canning, preserving and processing of fish		4	4	4	4		554	533	528	510		801	965	1033	974
3115 Vegetable and animal oils and fats		-	-	-	-		-	-	-	-		-	-	-	-
3116 Grain mill products		-	-	-	-		-	-	-	-		-	-	-	-
3117 Bakery products		265	264	264	267		3805	4463	4498	4562		7265	8451	8504	8739
3118 Sugar factories and refineries		-	-	-	-		-	-	-	-		-	-	-	-
3119 Cocoa, chocolate and sugar confectionery		-	-	-	-		-	-	-	-		-	-	-	-
3121 Other food products		16	16	16	16		957	1136	1188	1243		2459	3521	3807	4230
3122 Prepared animal feeds		2	2	2	2		14	19	17	18		24	37	26	34
313 Beverages		5	5	5	5		2050	2316	2345	2261		4596	4813	4581	4754
3131 Distilling, rectifying and blending spirits		-	-	-	-		-	-	-	-		-	-	-	-
3132 Wine industries		-	-	-	-		-	-	-	-		-	-	-	-
3133 Malt liquors and malt		-	-	-	-		-	-	-	-		-	-	-	-
3134 Soft drinks and carbonated waters		5	5	5	5		2050	2316	2345	2261		4596	4813	4581	4754
314 Tobacco		-	-	-	-		-	-	-	-		-	-	-	-
321 Textiles		263	262	264	264		1437	1370	1424	1411		2827	2614	2603	2641
3211 Spinning, weaving and finishing textiles		-	-	-	-		-	-	-	-		-	-	-	-
3212 Made-up textile goods excl. wearing apparel		263	262	264	264		1437	1370	1424	1411		2827	2614	2603	2641
3213 Knitting mills		-	-	-	-		-	-	-	-		-	-	-	-
3214 Carpets and rugs		-	-	-	-		-	-	-	-		-	-	-	-
3215 Cordage, rope and twine		-	-	-	-		-	-	-	-		-	-	-	-
3219 Other textiles		-	-	-	-		-	-	-	-		-	-	-	-
322 Wearing apparel, except footwear		1899	1896	1897	1897		9856	10720	10671	10764		14766	14871	14768	15083
323 Leather and fur products		2	1	1	1		125	137	107	75		231	186	148	159
3231 Tanneries and leather finishing		2	1	1	1		125	137	107	75		231	186	148	159
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	-	-
3233 Leather prods. excl. wearing apparel		-	-	-	-		-	-	-	-		-	-	-	-
324 Footwear, except rubber or plastic		2	3	3	3		61	87	93	89		82	98	208	201
331 Wood products, except furniture		103	106	106	104		1095	1345	1441	1061		2010	2431	2791	1989
3311 Sawmills, planing and other wood mills		67	70	70	68		1023	1255	1351	962		1924	2267	2620	1800
3312 Wooden and cane containers		-	-	-	-		-	-	-	-		-	-	-	-
3319 Other wood and cork products		36	36	36	36		72	90	90	99		86	164	171	189
332 Furniture and fixtures, excl. metal		326	326	327	326		3542	3272	3229	3239		5797	6079	5742	5803
341 Paper and products		12	13	14	14		912	982	1046	1062		2358	2543	2401	2520
3411 Pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		-	-	-	-
3412 Containers of paper and paperboard		4	5	5	6		378	420	400	457		913	982	830	953
3419 Other pulp, paper and paperboard articles		8	8	9	8		534	562	646	605		1445	1561	1571	1567
342 Printing and publishing		57	58	58	59		3691	3535	3290	3289		11147	12697	12238	12756
351 Industrial chemicals		7	7	7	6		1287	1304	1269	1240		13861	12719	12525	13250
3511 Basic chemicals excl. fertilizers		6	6	6	5		219	224	262	216		702	686	815	714
3512 Fertilizers and pesticides		1	1	1	1		1068	1080	1007	1024		13159	12033	11710	12536
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-		-	-	-	-
352 Other chemicals		15	15	15	14		552	583	568	545		1550	1745	1745	1747
3521 Paints, varnishes and lacquers		7	7	7	7		294	289	284	278		929	1047	1033	1070
3522 Drugs and medicines		-	-	-	-		-	-	-	-		-	-	-	-
3523 Soap, cleaning preps., perfumes, cosmetics		6	7	7	5		219	271	260	172		503	621	632	413
3529 Other chemical products		2	1	1	2		39	23	24	95		118	77	80	264
353 Petroleum refineries		1	1	1	1		5065	5277	5310	5143		66335	68725	65000	64178

354 Misc. petroleum and coal products	6	6	7	9	225	248	334	548	645	547	908	1426
355 Rubber products	3	3	3	3	127	130	270	178	228	249	555	372
3551 Tyres and tubes	-	-	-	-	-	-	-	-	-	-	-	-
3559 Other rubber products	3	3	3	3	127	130	270	178	228	249	555	372
356 Plastic products	24	23	23	24	1615	1562	1728	1803	3200	3455	3765	3780
361 Pottery, china, earthenware	-	-	-	-	-	-	-	-	-	-	-	-
362 Glass and products	15	15	15	15	480	552	516	495	1492	1567	1409	1485
369 Other non-metallic mineral products	102	105	107	110	4824	5204	5431	5672	11706	12191	12803	13836
3691 Structural clay products	-	-	-	-	-	-	-	-	-	-	-	-
3692 Cement, lime and plaster	6	6	6	6	511	493	508	495	1784	1623	1702	1693
3699 Other non-metallic mineral products	96	99	101	104	4313	4711	4923	5177	9922	10568	11101	12143
371 Iron and steel	6	6	6	6	740	767	843	661	1652	1700	1662	1593
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
381 Fabricated metal products	600	602	594	597	5876	6068	6143	6973	12444	13337	13996	15380
3811 Cutlery, hand tools and general hardware	-	-	-	-	-	-	-	-	-	-	-	-
3812 Furniture and fixtures primarily of metal	13	15	15	15	601	745	656	691	1072	1424	1349	1279
3813 Structural metal products	454	455	447	449	4070	4001	4067	4628	8360	8700	8866	10219
3819 Other fabricated metal products	133	132	132	133	1205	1322	1420	1654	3012	3213	3781	3882
382 Non-electrical machinery	24	23	23	22	4698	5130	5506	5000	11882	7998	10377	10253
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-
3822 Agricultural machinery and equipment	-	-	-	-	-	-	-	-	-	-	-	-
3823 Metal and wood working machinery	-	-	-	-	-	-	-	-	-	-	-	-
3824 Other special industrial machinery	11	11	12	12	4021	4215	4421	3949	10283	6096	8073	7746
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-	-	-
3829 Other non-electrical machinery & equipment	13	12	11	10	677	915	1085	1051	1599	1902	2304	2507
383 Electrical machinery	36	35	36	37	1353	1312	1325	1145	3669	3388	3497	3191
3831 Electrical industrial machinery	31	31	32	34	874	926	953	748	2203	2112	2267	2150
3832 Radio, television and communication equipm.	-	-	-	-	-	-	-	-	-	-	-	-
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	-	-
3839 Other electrical apparatus and supplies	5	4	4	3	479	386	372	397	1466	1276	1230	1041
384 Transport equipment	15	18	18	18	1009	1463	1425	1464	3744	3610	4446	4182
3841 Shipbuilding and repairing	8	10	10	10	736	1193	1156	1147	2995	2941	3554	3163
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles	7	8	8	8	273	270	269	317	749	669	892	1019
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-	-	-
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-
385 Professional and scientific equipment	-	-	-	-	-	-	-	-	-	-	-	-
3851 Prof. and scientific equipment n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
3852 Photographic and optical goods	-	-	-	-	-	-	-	-	-	-	-	-
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-
390 Other manufacturing industries	190	189	189	190	1181	1169	1163	1196	2557	2503	2536	2619
3901 Jewellery and related articles	174	173	173	174	1036	1027	1025	1055	2295	2263	2297	2384
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-
3909 Manufacturing industries, n.e.c.	16	16	16	16	145	142	138	141	262	240	239	235
3 Total manufacturing	4009	4013	4015	4024	58490	62137	63244	63189	192846	196622	198135	201487

## Kuwait

ISIC Revision 2	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(thousand DINARS)				Note	(thousand DINARS)				Note	(thousand DINARS)	
		1994	1995	1996	1997		1994	1995	1996	1997		1996	1997
ISIC Industry													
311/2 Food products		88793	100535	113089	121504		37283	40662	41159	48478		6396	6724
3111 Slaughtering, preparing & preserving meat		6559	6953	11501	12459		2243	1618	2991	3736		645	398
3112 Dairy products		26945	27240	27989	28988		11392	11700	12308	12204		2641	3010
3113 Canning, preserving of fruits & vegetables		-	-	-	-		-	-	-	-		-	-
3114 Canning, preserving and processing of fish		4883	3722	4182	6600		1368	748	1201	2228		1037	2293
3115 Vegetable and animal oils and fats		-	-	-	-		-	-	-	-		-	-
3116 Grain mill products		-	-	-	-		-	-	-	-		-	-
3117 Bakery products		32555	38237	39606	41208		17314	20818	20931	22701		1506	869
3118 Sugar factories and refineries		-	-	-	-		-	-	-	-		-	-
3119 Cocoa, chocolate and sugar confectionery		-	-	-	-		-	-	-	-		-	-
3121 Other food products		17483	23825	29183	31522		4869	5660	3624	7479		549	50
3122 Prepared animal feeds		368	558	628	727		97	118	104	130		18	104
313 Beverages		28088	28459	29713	29787		12094	13256	14659	14532		1459	2202
3131 Distilling, rectifying and blending spirits		-	-	-	-		-	-	-	-		-	-
3132 Wine industries		-	-	-	-		-	-	-	-		-	-
3133 Malt liquors and malt		-	-	-	-		-	-	-	-		-	-
3134 Soft drinks and carbonated waters		28088	28459	29713	29787		12094	13256	14659	14532		1459	2202
314 Tobacco		-	-	-	-		-	-	-	-		-	-
321 Textiles		11511	11926	11982	13115		6248	6486	6452	6713		101	240
3211 Spinning, weaving and finishing textiles		-	-	-	-		-	-	-	-		-	-
3212 Made-up textile goods excl. wearing apparel		11511	11926	11982	13115		6248	6486	6452	6713		101	240
3213 Knitting mills		-	-	-	-		-	-	-	-		-	-
3214 Carpets and rugs		-	-	-	-		-	-	-	-		-	-
3215 Cordage, rope and twine		-	-	-	-		-	-	-	-		-	-
3219 Other textiles		-	-	-	-		-	-	-	-		-	-
322 Wearing apparel, except footwear		45749	45169	45479	46358		32926	34553	35136	35295		171	179
323 Leather and fur products		2083	2195	1451	1168		988	922	486	393		116	919
3231 Tanneries and leather finishing		2083	2195	1451	1168		988	922	486	393		116	919
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-
3233 Leather prods. excl. wearing apparel		-	-	-	-		-	-	-	-		-	-
324 Footwear, except rubber or plastic		544	250	1112	1168		280	109	539	585		110	112
331 Wood products, except furniture		9324	16867	13879	8214		4244	6361	5508	3848		315	9
3311 Sawmills, planing and other wood mills		8752	16302	13278	7569		3903	5927	5032	3340		315	9
3312 Wooden and cane containers		-	-	-	-		-	-	-	-		-	-
3319 Other wood and cork products		572	565	601	645		341	434	476	508		-	-
332 Furniture and fixtures, excl. metal		26642	28034	25508	26984		13319	14125	12603	13399		124	1090
341 Paper and products		20356	25411	22582	22359		8039	8996	7494	8400		3520	1364
3411 Pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		-	-
3412 Containers of paper and paperboard		9657	12152	11051	10034		3406	3984	3345	3352		512	324
3419 Other pulp, paper and paperboard articles		10699	13259	11531	12325		4633	5012	4149	5048		3008	1040
342 Printing and publishing		22993	22177	24852	24777		7616	6271	5982	6408		1026	1446
351 Industrial chemicals		39669	56372	57281	46594		29158	44370	45002	31001		11878	19072
3511 Basic chemicals excl. fertilizers		3843	3973	4255	3806		2741	2694	2822	2822		150	81
3512 Fertilizers and pesticides		35826	52399	53026	42788		26417	41676	42180	28179		11728	18991
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-		-	-
352 Other chemicals		14339	15471	16736	17688		6354	5968	6566	6731		761	1978
3521 Paints, varnishes and lacquers		9207	9682	10685	11887		4088	3546	3955	4269		245	232
3522 Drugs and medicines		-	-	-	-		-	-	-	-		-	-
3523 Soap, cleaning preps., perfumes, cosmetics		3773	4561	4873	2962		1679	1919	2095	1393		485	158
3529 Other chemical products		1359	1228	1178	2839		587	503	516	1069		31	1588
353 Petroleum refineries		1299163	1527950	2100408	2386446		522091	614037	858864	975823		44293	60469

354	Misc. petroleum and coal products	4826	4003	6308	11752	2029	1844	1915	4031	139	1208
355	Rubber products	2174	2586	5377	3507	883	718	1377	1421	1930	80
3551	Tyres and tubes	-	-	-	-	-	-	-	-	-	-
3559	Other rubber products	2174	2586	5377	3507	883	718	1377	1421	1930	80
356	Plastic products	30895	33138	34245	35131	14278	13819	15309	17011	3231	6139
361	Pottery, china, earthenware	-	-	-	-	-	-	-	-	-	-
362	Glass and products	7488	7933	8011	7675	4352	4484	4207	3931	449	469
369	Other non-metallic mineral products	106588	112831	114283	124275	45946	44736	37379	44684	7235	7593
3691	Structural clay products	-	-	-	-	-	-	-	-	-	-
3692	Cement, lime and plaster	34338	35971	29453	30975	10759	10507	2837	6050	1014	2314
3699	Other non-metallic mineral products	72250	76860	84830	93300	35187	34229	34542	38634	6221	5279
371	Iron and steel	14923	14625	11093	10252	8599	6680	4670	4238	1114	296
372	Non-ferrous metals	-	-	-	-	-	-	-	-	-	-
381	Fabricated metal products	68128	71557	76829	83939	31314	32939	34288	36550	454	1502
3811	Cutlery, hand tools and general hardware	-	-	-	-	-	-	-	-	-	-
3812	Furniture and fixtures primarily of metal	4749	6620	6361	5685	2397	3009	2903	2693	330	183
3813	Structural metal products	47694	47809	44875	51604	20392	20953	18953	22028	469	608
3819	Other fabricated metal products	15685	17128	25593	26650	8525	8977	12432	11829	-345	711
382	Non-electrical machinery	26531	22524	29534	32471	18572	14006	16870	16752	2233	2056
3821	Engines and turbines	-	-	-	-	-	-	-	-	-	-
3822	Agricultural machinery and equipment	-	-	-	-	-	-	-	-	-	-
3823	Metal and wood working machinery	-	-	-	-	-	-	-	-	-	-
3824	Other special industrial machinery	19798	13531	17152	16733	15038	9258	12033	11517	784	668
3825	Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-
3829	Other non-electrical machinery & equipment	6733	8993	12382	15738	3534	4748	4837	5235	1449	1388
383	Electrical machinery	33645	34143	36543	36276	12017	11772	11707	13695	1384	822
3831	Electrical industrial machinery	13633	11537	12632	12305	5319	5107	5516	5057	1072	458
3832	Radio, television and communication equipm.	-	-	-	-	-	-	-	-	-	-
3833	Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-
3839	Other electrical apparatus and supplies	20012	22606	23911	23971	6698	6665	6191	8638	312	364
384	Transport equipment	14295	18367	22101	20925	7005	6495	6166	7429	942	1503
3841	Shipbuilding and repairing	11260	15709	18992	17574	5619	5460	4949	5950	932	1476
3842	Railroad equipment	-	-	-	-	-	-	-	-	-	-
3843	Motor vehicles	3035	2658	3109	3351	1386	1035	1217	1479	10	27
3844	Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-
3845	Aircraft	-	-	-	-	-	-	-	-	-	-
3849	Other transport equipment	-	-	-	-	-	-	-	-	-	-
385	Professional and scientific equipment	-	-	-	-	-	-	-	-	-	-
3851	Prof. and scientific equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3852	Photographic and optical goods	-	-	-	-	-	-	-	-	-	-
3853	Watches and clocks	-	-	-	-	-	-	-	-	-	-
390	Other manufacturing industries	8939	32403	32577	32681	5180	5947	6039	6063	31	15
3901	Jewellery and related articles	7903	31404	31597	31694	4642	5384	5473	5503	25	6
3902	Musical instruments	-	-	-	-	-	-	-	-	-	-
3903	Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-
3909	Manufacturing industries, n.e.c.	1036	999	980	987	538	563	566	560	6	9
3	Total manufacturing	1927686	2234926	2840973	3145046	830815	939556	1180377	1307411	89412	117477

## Kuwait

ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
311/2 Food products		...	...	...	...	...	...	...	...	...	...	...	...
313 Beverages		...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco		...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	...	...	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		...	...	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		...	...	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		108	118	124	100	18	58	73	121	133	128	156	154
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

## KYRGYZSTAN

**Supplier of information:**

National Statistical Commission of the Kyrgyz Republic, Bishkek City.

**Basic source of data:**

Annual industrial survey.

**Major deviations from ISIC (Revision 3):**

Data collected under the national classification system have been reclassified by the national authorities to correspond with ISIC (Rev. 3).

**Reference period (if not calendar year):****Scope:**

All enterprises operating under an independent regime and enterprises operating under a non-industrial organization regime.

**Method of enumeration:**

Not reported.

**Adjusted for non-response:**

Data refer to all surveyed enterprises.

**Concepts and definitions of variables:**

No deviations from the standard UN concepts and definitions are reported.

**Related national publications:**



## Kyrgyzstan

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand SOMS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		207	200	156	136		3723	2474	1846	1738		13678	11323	10410	8841
1511 Processing/preserving of meat		117	121	88	76		1917	1186	668	550		8425	6538	4482	3921
1512 Processing/preserving of fish		8	6	6	6		278	131	179	79		500	507	1983	188
1513 Processing/preserving of fruit & vegetables		26	23	26	26		1127	784	564	655		3268	2925	2331	3401
1514 Vegetable and animal oils and fats		56	50	36	28		401	373	435	454		1485	1353	1613	1331
1520 Dairy products		48	51	44	43		1988	1376	1240	1456		11388	7999	14375	21285
153 Grain mill products; starches; animal feeds		314	552	323	298		4180	4497	4289	3329		28563	33734	42003	33092
1531 Grain mill products		268	504	277	270		3736	4010	3702	2727		26860	31428	37930	28382
1532 Starches and starch products		1	1	1	1		341	343	383	378		1367	1830	3280	3625
1533 Prepared animal feeds		45	47	45	27		103	144	204	224		336	476	793	1085
154 Other food products		161	132	132	118		6150	5435	3568	3498		36510	42400	34653	48915
1541 Bakery products		139	113	111	103		4106	3339	2050	1995		24003	20978	11695	13324
1542 Sugar		3	3	3	3		878	1140	835	1100		5148	16053	16921	31444
1543 Cocoa, chocolate and sugar confectionery		13	9	7	8		1089	882	601	337		6942	4946	5581	3572
1544 Macaroni, noodles & similar products		6	7	10	4		77	74	80	66		417	422	456	574
1549 Other food products n.e.c.		-	-	1	-		-	-	2	-		-	-	-	-
155 Beverages		29	31	38	34		2181	2195	2031	1955		11505	16938	23650	21799
1551 Distilling, rectifying & blending of spirits		4	3	12	13		192	199	446	656		1543	1905	4824	8040
1552 Wines		13	12	10	10		907	834	601	675		4430	5839	5627	6219
1553 Malt liquors and malt		7	7	7	6		845	847	775	529		4703	7484	10386	6540
1554 Soft drinks; mineral waters		5	9	9	5		237	315	209	95		830	1710	2813	999
1600 Tobacco products		6	6	6	5		1220	960	1145	1512		7342	6864	12586	25742
171 Spinning, weaving and finishing of textiles		20	16	28	19		15939	12772	9401	6083		108374	97749	117518	56665
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...		...	...	...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...	...	...
172 Other textiles		...	...	...	...		...	...	...	...		...	...	...	...
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...	...	...	...
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	...	...
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...	...	...
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
1730 Knitted and crocheted fabrics and articles		8	9	7	6		2578	1581	1204	1093		19945	16788	13538	11664
1810 Wearing apparel, except fur apparel		63	61	64	60		5053	3932	3321	2540		16711	18520	19045	17590
1820 Dressing & dyeing of fur; processing of fur		9	4	10	8		640	354	233	102		3804	2641	2256	1425
191 Tanning, dressing and processing of leather		3	3	3	3		887	912	877	624		6483	7910	8847	6731
1911 Tanning and dressing of leather		2	2	1	1		667	687	157	310		5154	6111	1574	3011
1912 Luggage, handbags, etc.; saddlery & harness		1	1	2	2		220	225	720	314		1329	1799	7273	3720
1920 Footwear		16	16	14	14		1520	990	733	553		5756	4867	3759	2283
2010 Sawmilling and planing of wood		67	51	52	57		124	120	113	427		369	400	483	1759
202 Products of wood, cork, straw, etc.		97	80	57	54		1445	1148	1160	482		3748	3943	3388	3306
2021 Veneer sheets, plywood, particle board, etc.		-	-	-	-		-	-	-	-		-	-	-	-
2022 Builders' carpentry and joinery		79	58	46	44		538	491	369	382		2210	2393	2047	2746
2023 Wooden containers		6	3	3	4		55	46	34	45		201	207	116	124
2029 Other wood products; articles of cork/straw		12	19	8	6		852	611	757	55		1338	1342	1225	436
210 Paper and paper products		1	1	2	2		83	78	116	90		359	442	721	666
2101 Pulp, paper and paperboard		-	-	-	-		-	-	-	-		-	-	-	-
2102 Corrugated paper and paperboard		1	1	2	2		83	78	116	90		359	442	721	666
2109 Other articles of paper and paperboard		-	-	-	-		-	-	-	-		-	-	-	-
221 Publishing		18	18	22	22		1302	1250	1246	1332		11428	12010	15944	21963
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...	...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...	...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...	...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...	...	...

222	Printing and related service activities	...	...	...	...	...	...	...	...	...	...	...	...
2221	Printing	...	...	...	...	...	...	...	...	...	...	...	...
2222	Service activities related to printing	...	...	...	...	...	...	...	...	...	...	...	...
2230	Reproduction of recorded media	1	1	1	...	12	5	2	...	29	35	12	...
2310	Coke oven products	-	-	-	-	-	-	-	-	-	-	-	-
2320	Refined petroleum products	-	-	-	1	-	-	-	516	-	-	-	6421
2330	Processing of nuclear fuel	-	-	-	1	-	-	-	84	-	-	-	785
241	Basic chemicals	-	-	-	-	-	-	-	-	-	-	-	-
2411	Basic chemicals, except fertilizers	-	-	-	-	-	-	-	-	-	-	-	-
2412	Fertilizers and nitrogen compounds	-	-	-	-	-	-	-	-	-	-	-	-
2413	Plastics in primary forms; synthetic rubber	-	-	-	-	-	-	-	-	-	-	-	-
242	Other chemicals	6	6	7	7	402	294	290	376	3475	3002	3513	4832
2421	Pesticides and other agro-chemical products	-	-	-	-	-	-	-	-	-	-	-	-
2422	Paints, varnishes, printing ink and mastics	2	2	3	2	69	77	72	55	834	826	1232	854
2423	Pharmaceuticals, medicinal chemicals, etc.	3	3	3	4	278	170	179	299	2301	1852	1983	3878
2424	Soap, cleaning & cosmetic preparations	-	-	-	-	-	-	-	-	-	-	-	-
2429	Other chemical products n.e.c.	1	1	1	1	55	47	39	22	340	323	298	100
2430	Man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
251	Rubber products	1	1	1	2	151	135	130	...	615	786	807	...
2511	Rubber tyres and tubes	-	-	-	1	-	-	-	-	-	-	-	-
2519	Other rubber products	1	1	1	1	151	135	130	209	615	786	807	1163
2520	Plastic products	4	4	3	3	419	381	302	211	2412	2901	2574	1565
2610	Glass and glass products	2	1	1	1	1532	1061	1158	1169	11272	12345	23396	23549
269	Non-metallic mineral products n.e.c.	114	92	102	92	9695	8899	9438	7247	60557	70911	56559	101255
2691	Pottery, china and earthenware	1	1	2	2	225	204	169	42	1063	1025	1218	168
2692	Refractory ceramic products	-	-	-	-	-	-	-	-	-	-	-	-
2693	Struct.non-refractory clay; ceramic products	17	16	16	14	2370	2196	2297	2346	12825	15379	18153	20090
2694	Cement, lime and plaster	6	5	5	5	1547	1420	1547	1791	11323	14985	27678	42632
2695	Articles of concrete, cement and plaster	75	55	65	56	5048	4550	4929	2617	31166	34561	4430	31435
2696	Cutting, shaping & finishing of stone	2	2	2	4	151	143	128	375	1113	961	851	5544
2699	Other non-metallic mineral products n.e.c.	13	13	12	11	354	386	368	76	3068	4000	4228	1387
2710	Basic iron and steel	-	-	-	-	-	-	-	-	-	-	-	-
2720	Basic precious and non-ferrous metals	7	7	7	6	6817	6028	4248	4322	79128	85497	77758	60861
273	Casting of metals	-	-	-	-	-	-	-	-	-	-	-	-
2731	Casting of iron and steel	-	-	-	-	-	-	-	-	-	-	-	-
2732	Casting of non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
281	Struct.metall products;tanks;steam generators	6	8	14	13	119	233	354	183	1090	2350	3973	1760
2811	Structural metal products	6	8	14	13	119	233	354	183	1090	2350	3973	1760
2812	Tanks, reservoirs and containers of metal	-	-	-	-	-	-	-	-	-	-	-	-
2813	Steam generators	-	-	-	-	-	-	-	-	-	-	-	-
289	Other metal products; metal working services	18	19	17	18	1286	1074	771	988	7912	7398	6719	9980
2891	Metal forging/pressing/stamping/roll-forming	-	-	-	-	-	-	-	-	-	-	-	-
2892	Treatment & coating of metals	-	-	-	-	-	-	-	-	-	-	-	-
2893	Cutlery, hand tools and general hardware	2	2	3	3	692	466	288	501	4054	3342	3199	5905
2899	Other fabricated metal products n.e.c.	16	17	14	15	594	608	483	487	3858	4057	3520	4075
291	General purpose machinery	2	2	2	3	970	770	650	869	4278	6161	3962	6643
2911	Engines & turbines(not for transport equip.)	-	-	-	-	-	-	-	-	-	-	-	-
2912	Pumps, compressors, taps and valves	1	1	1	2	660	564	425	607	3348	4649	2611	4446
2913	Bearings, gears, gearing & driving elements	1	1	1	1	310	206	225	262	930	1512	1351	2197
2914	Ovens, furnaces and furnace burners	-	-	-	-	-	-	-	-	-	-	-	-
2915	Lifting and handling equipment	-	-	-	-	-	-	-	-	-	-	-	-
2919	Other general purpose machinery	-	-	-	-	-	-	-	-	-	-	-	-
292	Special purpose machinery	297	243	207	212	14630	10420	8552	7256	72293	64017	68998	58895
2921	Agricultural and forestry machinery	261	197	173	181	6308	3660	3028	3445	20198	14249	14640	25489
2922	Machin tools	5	7	7	4	4825	3773	3077	2457	25094	23902	22277	22126
2923	Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-	-	-
2924	Machinery for mining & construction	1	1	-	-	54	61	-	-	435	618	-	-
2925	Food/beverage/tobacco processing machinery	22	18	16	15	1211	1053	704	297	8817	6454	6776	3107
2926	Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-	-	-
2927	Weapons and ammunition	-	-	-	-	-	-	-	-	-	-	-	-
2929	Other special purpose machinery	8	20	11	12	2232	1873	1743	1057	17748	18793	25305	8173
2930	Domestic appliances n.e.c.	1	1	1	2	738	546	480	519	6159	5919	7280	9791

continued

## Kyrgyzstan

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand SOMS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
ISIC Industry															
3000 Office, accounting and computing machinery		3	3	2	2		149	139	140	155		652	644	903	1279
3110 Electric motors, generators and transformers		12	13	11	10		3488	2906	2370	2872		15086	14802	14811	34227
3120 Electricity distribution & control apparatus		-	-	-	-		-	-	-	-		-	-	-	-
3130 Insulated wire and cable		1	1	1	1		884	674	427	390		4081	4478	3817	3964
3140 Accumulators, primary cells and batteries		-	-	-	-		-	-	-	-		-	-	-	-
3150 Lighting equipment and electric lamps		2	2	1	1		3221	2891	3023	3263		15774	24105	36825	50850
3190 Other electrical equipment n.e.c.		...	...	...	1		...	...	...	197		...	...	...	1110
3210 Electronic valves, tubes, etc.		-	-	-	-		-	-	-	-		-	-	-	-
3220 TV/radio transmitters; line comm. apparatus		-	-	-	-		-	-	-	-		-	-	-	-
3230 TV and radio receivers and associated goods		...	...	12	11		...	...	442	1454		...	...	1953	13483
331 Medical, measuring, testing appliances, etc.		2	2	4	5		2059	1711	1352	1608		17218	15306	13651	22429
3311 Medical, surgical and orthopaedic equipment		-	-	-	1		-	-	-	126		-	-	-	1427
3312 Measuring/testing/navigating appliances, etc.		-	-	1	1		-	-	200	186		-	-	1992	2041
3313 Industrial process control equipment		2	2	3	3		2059	1711	1152	1296		17218	15306	11659	18961
3320 Optical instruments & photographic equipment		-	-	...	-		-	-	70	...		-	-	778	...
3330 Watches and clocks		-	-	-	-		-	-	-	-		-	-	-	-
3410 Motor vehicles		3	3	3	3		1860	1390	1248	1204		13130	13515	15285	5741
3420 Automobile bodies, trailers & semi-trailers		...	...	...	-		...	...	...	-		...	...	...	-
3430 Parts/accessories for automobiles		...	...	...	-		...	...	...	-		...	...	...	-
351 Building and repairing of ships and boats		1	1	1	1		35	42	35	14		247	365	209	85
3511 Building and repairing of ships		1	1	1	1		35	42	35	14		247	365	209	85
3512 Building/repairing of pleasure/sport. boats		-	-	-	-		-	-	-	-		-	-	-	-
3520 Railway/tramway locomotives & rolling stock		1	1	1	1		25	28	27	8		222	308	412	141
3530 Aircraft and spacecraft		-	-	-	-		-	-	-	-		-	-	-	-
359 Transport equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3591 Motorcycles		-	-	-	-		-	-	-	-		-	-	-	-
3592 Bicycles and invalid carriages		-	-	-	-		-	-	-	-		-	-	-	-
3599 Other transport equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3610 Furniture		7	8	7	7		1424	1018	816	578		8172	6578	5994	5429
369 Manufacturing n.e.c.		25	52	38	35		554	422	853	810		3758	3092	8802	5619
3691 Jewellery and related articles		1	1	1	1		...	...	18	19		...	...	450	734
3692 Musical instruments		-	-	-	-		-	-	-	-		-	-	-	-
3693 Sports goods		-	-	-	-		-	-	-	-		-	-	-	-
3694 Games and toys		-	-	-	-		-	-	-	-		-	-	-	-
3699 Other manufacturing n.e.c.		24	51	37	34		554	422	835	791		3758	3092	8352	4885
3710 Recycling of metal waste and scrap		1	1	1	2		60	59	51	60		489	554	552	702
3720 Recycling of non-metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
D Total manufacturing		1584	1703	1403	1320		99543	81200	69752	63167		614012	629595	682715	715121

## Kyrgyzstan

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added				Gross fixed capital formation				
	Note	(million SOMS)				Note	(million SOMS)				(million SOMS)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
151 Processed meat, fish, fruit, vegetables, fats		178.0	132.1	114.4	130.6		...	...	...	...		...	...
1511 Processing/preserving of meat		135.6	88.5	63.4	64.3		...	...	...	...		...	...
1512 Processing/preserving of fish		1.7	1.7	1.5	1.0		...	...	...	...		...	...
1513 Processing/preserving of fruit & vegetables		16.9	28.5	15.2	24.6		...	...	...	...		...	...
1514 Vegetable and animal oils and fats		23.8	13.4	34.4	40.7		...	...	...	...		...	...
1520 Dairy products		139.3	139.1	216.4	218.6		...	...	...	...		...	...
153 Grain mill products; starches; animal feeds		558.5	975.1	1090.9	753.4		...	...	...	...		...	...
1531 Grain mill products		516.6	911.9	988.7	679.8		...	...	...	...		...	...
1532 Starches and starch products		32.2	45.9	81.9	59.4		...	...	...	...		...	...
1533 Prepared animal feeds		9.7	17.3	20.4	14.2		...	...	...	...		...	...
154 Other food products		308.3	540.1	321.2	472.1		...	...	...	...		...	...
1541 Bakery products		159.2	162.4	88.4	76.0		...	...	...	...		...	...
1542 Sugar		47.5	293.4	156.9	317.9		...	...	...	...		...	...
1543 Cocoa, chocolate and sugar confectionery		97.4	78.6	68.7	68.8		...	...	...	...		...	...
1544 Macaroni, noodles & similar products		4.3	5.7	7.2	9.4		...	...	...	...		...	...
1549 Other food products n.e.c.		-	-	0.1	-		...	...	...	...		...	...
155 Beverages		153.6	245.9	314.5	281.9		...	...	...	...		...	...
1551 Distilling, rectifying & blending of spirits		39.8	50.8	96.1	155.2		...	...	...	...		...	...
1552 Wines		60.2	108.3	77.6	83.5		...	...	...	...		...	...
1553 Malt liquors and malt		34.7	59.5	94.1	37.3		...	...	...	...		...	...
1554 Soft drinks; mineral waters		18.9	27.2	46.8	5.9		...	...	...	...		...	...
1600 Tobacco products		129.0	143.6	351.8	627.7		...	...	...	...		...	...
171 Spinning, weaving and finishing of textiles		1041.5	844.1	1324.2	1073.9		...	...	...	...		...	...
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...		...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...
172 Other textiles		...	...	...	...		...	...	...	...		...	...
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...	...
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...	...
1730 Knitted and crocheted fabrics and articles		59.9	68.2	62.1	43.3		...	...	...	...		...	...
1810 Wearing apparel, except fur apparel		76.4	82.4	90.3	61.1		...	...	...	...		...	...
1820 Dressing & dyeing of fur; processing of fur		14.7	8.8	8.8	4.2		...	...	...	...		...	...
191 Tanning, dressing and processing of leather		44.7	56.2	57.3	29.6		...	...	...	...		...	...
1911 Tanning and dressing of leather		31.7	37.0	10.6	8.1		...	...	...	...		...	...
1912 Luggage, handbags, etc.; saddlery & harness		13.0	19.3	46.7	21.6		...	...	...	...		...	...
1920 Footwear		18.7	21.9	17.0	6.2		...	...	...	...		...	...
2010 Sawmilling and planing of wood		1.9	1.8	2.1	15.2		...	...	...	...		...	...
202 Products of wood, cork, straw, etc.		13.4	13.2	10.8	14.6		...	...	...	...		...	...
2021 Veneer sheets, plywood, particle board, etc.		-	-	-	-		...	...	...	...		...	...
2022 Builders' carpentry and joinery		8.6	8.2	7.4	11.4		...	...	...	...		...	...
2023 Wooden containers		0.4	0.5	0.2	0.9		...	...	...	...		...	...
2029 Other wood products; articles of cork/straw		4.4	4.5	3.3	2.3		...	...	...	...		...	...
210 Paper and paper products		2.0	2.5	3.6	3.1		...	...	...	...		...	...
2101 Pulp, paper and paperboard		-	-	-	-		...	...	...	...		...	...
2102 Corrugated paper and paperboard		2.0	2.5	3.6	3.1		...	...	...	...		...	...
2109 Other articles of paper and paperboard		-	-	-	-		...	...	...	...		...	...
221 Publishing		37.4	47.6	57.4	75.3		...	...	...	...		...	...
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...

continued

## Kyrgyzstan

ISIC Revision 3	Output in producers' prices				Value added				Gross fixed capital formation					
	ISIC Industry	Note	(million SOMS)				Note	(million SOMS)				Note	(million SOMS)	
			1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222 Printing and related service activities		...	...	...	...		...	...	...	...		...	...	
2221 Printing		...	...	...	...		...	...	...	...		...	...	
2222 Service activities related to printing		...	...	...	...		...	...	...	...		...	...	
2230 Reproduction of recorded media		-	0.1	-	...		...	...	...	...		...	...	
2310 Coke oven products		-	-	-	-		...	...	...	...		...	...	
2320 Refined petroleum products		-	-	-	31.1		...	...	...	...		...	...	
2330 Processing of nuclear fuel		-	-	-	29.4		...	...	...	...		...	...	
241 Basic chemicals		-	-	-	-		...	...	...	...		...	...	
2411 Basic chemicals, except fertilizers		-	-	-	-		...	...	...	...		...	...	
2412 Fertilizers and nitrogen compounds		-	-	-	-		...	...	...	...		...	...	
2413 Plastics in primary forms; synthetic rubber		-	-	-	-		...	...	...	...		...	...	
242 Other chemicals		12.3	11.2	10.7	16.6		...	...	...	...		...	...	
2421 Pesticides and other agro-chemical products		-	-	-	-		...	...	...	...		...	...	
2422 Paints, varnishes, printing ink and mastics		6.1	7.4	6.6	4.4		...	...	...	...		...	...	
2423 Pharmaceuticals, medicinal chemicals, etc.		5.2	3.5	4.1	11.7		...	...	...	...		...	...	
2424 Soap, cleaning & cosmetic preparations		-	-	-	-		...	...	...	...		...	...	
2429 Other chemical products n.e.c.		1.0	0.3	-	0.5		...	...	...	...		...	...	
2430 Man-made fibres		-	-	-	-		...	...	...	...		...	...	
251 Rubber products		2.9	3.8	4.1	...		...	...	...	...		...	...	
2511 Rubber tyres and tubes		-	-	-	...		...	...	...	...		...	...	
2519 Other rubber products		2.9	3.8	4.1	4.5		...	...	...	...		...	...	
2520 Plastic products		8.1	10.1	7.7	3.7		...	...	...	...		...	...	
2610 Glass and glass products		84.2	131.2	115.1	113.2		...	...	...	...		...	...	
269 Non-metallic mineral products n.e.c.		282.0	454.8	741.4	971.5		...	...	...	...		...	...	
2691 Pottery, china and earthenware		9.7	9.7	11.4	8.6		...	...	...	...		...	...	
2692 Refractory ceramic products		-	-	-	-		...	...	...	...		...	...	
2693 Struct.non-refractory clay; ceramic products		48.4	64.6	89.6	116.6		...	...	...	...		...	...	
2694 Cement, lime and plaster		117.5	252.4	396.5	545.3		...	...	...	...		...	...	
2695 Articles of concrete, cement and plaster		85.4	97.9	214.2	258.7		...	...	...	...		...	...	
2696 Cutting, shaping & finishing of stone		2.2	3.1	4.5	20.8		...	...	...	...		...	...	
2699 Other non-metallic mineral products n.e.c.		18.9	27.1	25.1	21.5		...	...	...	...		...	...	
2710 Basic iron and steel		-	-	-	-		...	...	...	...		...	...	
2720 Basic precious and non-ferrous metals		379.8	484.4	3028.3	4207.5		...	...	...	...		...	...	
273 Casting of metals		-	-	-	-		...	...	...	...		...	...	
2731 Casting of iron and steel		-	-	-	-		...	...	...	...		...	...	
2732 Casting of non-ferrous metals		-	-	-	-		...	...	...	...		...	...	
281 Struct.metal products;tanks;steam generators		7.8	11.2	18.0	23.6		...	...	...	...		...	...	
2811 Structural metal products		7.8	11.2	18.0	23.6		...	...	...	...		...	...	
2812 Tanks, reservoirs and containers of metal		-	-	-	-		...	...	...	...		...	...	
2813 Steam generators		-	-	-	-		...	...	...	...		...	...	
289 Other metal products; metal working services		19.8	20.5	17.4	18.2		...	...	...	...		...	...	
2891 Metal forging/pressing/stamping/roll-forming		-	-	-	-		...	...	...	...		...	...	
2892 Treatment & coating of metals		-	-	-	-		...	...	...	...		...	...	
2893 Cutlery, hand tools and general hardware		9.5	10.0	7.1	8.5		...	...	...	...		...	...	
2899 Other fabricated metal products n.e.c.		10.3	10.5	10.3	9.7		...	...	...	...		...	...	
291 General purpose machinery		23.1	33.0	26.1	12.6		...	...	...	...		...	...	
2911 Engines & turbines(not for transport equip.)		-	-	-	-		...	...	...	...		...	...	
2912 Pumps, compressors, taps and valves		21.6	30.1	22.2	11.1		...	...	...	...		...	...	
2913 Bearings, gears, gearing & driving elements		1.5	3.0	3.9	1.5		...	...	...	...		...	...	
2914 Ovens, furnaces and furnace burners		-	-	-	-		...	...	...	...		...	...	
2915 Lifting and handling equipment		-	-	-	-		...	...	...	...		...	...	
2919 Other general purpose machinery		-	-	-	-		...	...	...	...		...	...	

292	Special purpose machinery	250.7	256.1	275.0	287.4	...	...	...	...	...	...
2921	Agricultural and forestry machinery	60.4	63.4	60.8	70.7	...	...	...	...	...	...
2922	Machine tools	127.5	109.6	111.1	109.4	...	...	...	...	...	...
2923	Machinery for metallurgy	-	-	-	-	...	...	...	...	...	...
2924	Machinery for mining & construction	1.2	1.9	-	-	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	23.6	21.2	22.2	24.3	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	-	-	-	-	...	...	...	...	...	...
2927	Weapons and ammunition	-	-	-	-	...	...	...	...	...	...
2929	Other special purpose machinery	38.0	60.0	80.8	83.0	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	25.7	29.2	34.6	33.8	...	...	...	...	...	...
3000	Office, accounting and computing machinery	6.9	9.2	16.0	15.9	...	...	...	...	...	...
3110	Electric motors, generators and transformers	51.0	63.1	58.7	50.7	...	...	...	...	...	...
3120	Electricity distribution & control apparatus	-	-	-	-	...	...	...	...	...	...
3130	Insulated wire and cable	37.9	40.8	20.8	27.1	...	...	...	...	...	...
3140	Accumulators, primary cells and batteries	-	-	-	-	...	...	...	...	...	...
3150	Lighting equipment and electric lamps	131.6	190.6	298.1	333.3	...	...	...	...	...	...
3190	Other electrical equipment n.e.c.	...	...	...	16.3	...	...	...	...	...	...
3210	Electronic valves, tubes, etc.	-	-	-	-	...	...	...	...	...	...
3220	TV/radio transmitters; line comm. apparatus	-	-	-	-	...	...	...	...	...	...
3230	TV and radio receivers and associated goods	...	...	6.2	7.7	...	...	...	...	...	...
331	Medical, measuring, testing appliances, etc.	41.4	42.9	74.5	139.5	...	...	...	...	...	...
3311	Medical, surgical and orthopaedic equipment	-	-	-	14.3	...	...	...	...	...	...
3312	Measuring/testing/navigating appliances, etc.	-	-	6.1	6.2	...	...	...	...	...	...
3313	Industrial process control equipment	41.4	42.9	68.4	119.0	...	...	...	...	...	...
3320	Optical instruments & photographic equipment	-	-	-	-	...	...	...	...	...	...
3330	Watches and clocks	-	-	-	-	...	...	...	...	...	...
3410	Motor vehicles	55.6	47.5	75.0	81.5	...	...	...	...	...	...
3420	Automobile bodies, trailers & semi-trailers	...	...	...	-	...	...	...	...	...	...
3430	Parts/accessories for automobiles	...	...	...	-	...	...	...	...	...	...
351	Building and repairing of ships and boats	0.4	0.6	0.8	0.2	...	...	...	...	...	...
3511	Building and repairing of ships	0.4	0.6	0.8	0.2	...	...	...	...	...	...
3512	Building/repairing of pleasure/sport. boats	-	-	-	-	...	...	...	...	...	...
3520	Railway/tramway locomotives & rolling stock	0.9	2.0	3.0	2.0	...	...	...	...	...	...
3530	Aircraft and spacecraft	-	-	-	-	...	...	...	...	...	...
359	Transport equipment n.e.c.	-	-	-	-	...	...	...	...	...	...
3591	Motorcycles	-	-	-	-	...	...	...	...	...	...
3592	Bicycles and invalid carriages	-	-	-	-	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	-	-	-	-	...	...	...	...	...	...
3610	Furniture	30.6	25.0	29.2	24.6	...	...	...	...	...	...
369	Manufacturing n.e.c.	26.8	44.2	33.5	43.4	...	...	...	...	...	...
3691	Jewellery and related articles	1.3	3.3	3.2	5.0	...	...	...	...	...	...
3692	Musical instruments	-	-	-	-	...	...	...	...	...	...
3693	Sports goods	-	-	-	-	...	...	...	...	...	...
3694	Games and toys	-	-	-	-	...	...	...	...	...	...
3699	Other manufacturing n.e.c.	25.5	40.9	30.4	38.4	...	...	...	...	...	...
3710	Recycling of metal waste and scrap	2.4	4.4	4.9	2.9	...	...	...	...	...	...
3720	Recycling of non-metal waste and scrap	-	-	-	-	...	...	...	...	...	...
D	Total manufacturing	4259.2	5238.2	8942.2	10304.8	...	...	...	...	...	...

## Kyrgyzstan

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
15 Food and beverages		...	...	...	...	...	...	...	...	...	...	...	...
16 Tobacco products		...	...	...	...	...	...	...	...	...	...	...	...
17 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
18 Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...	...
19 Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...	...
21 Paper and paper products		...	...	...	...	...	...	...	...	...	...	...	...
22 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
23 Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24 Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...	...
25 Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26 Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
27 Basic metals		...	...	...	...	...	...	...	...	...	...	...	...
28 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
29 Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
30 Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...	...
32 Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...	...
35 Other transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37 Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

## LATVIA

<p><b>Supplier of information:</b> Central Statistical Bureau of Latvia, Riga.</p> <p><b>Basic source of data:</b> Annual survey of all enterprises with industrial activity.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All establishments with industrial production, excluding individual producers.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> No.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of establishments:</u> All industrial activities of a non-industrial enterprise are classified as belonging to the single industrial branch that accounts for the largest share of such activities. <u>Output</u> excludes VAT.</p> <p><b>Related national publications:</b></p>
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## Latvia

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand LATS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		227	274	245	321		12905	13605	15825	15371		16432	21474	27176	26774
1511 Processing/preserving of meat		134	162	111	148		5358	4183	4420	4771		6186	6089	6118	6743
1512 Processing/preserving of fish		52	77	105	128		6184	8268	9994	9429		8885	14180	18907	17369
1513 Processing/preserving of fruit & vegetables		39	33	28	43		1255	1067	1318	1013		...	1136	2033	2662a/
1514 Vegetable and animal oils and fats		2	2	1	2		...	...	93	158		...	68	118	...
1520 Dairy products		74	68	76	87		5796	6061	6179	6267		6640	8351	9481	10306
153 Grain mill products; starches; animal feeds		44	56	61	52		1938	1951	1949	1928		3244	3856	3971	4019
1531 Grain mill products		23	37	33	28		1228	1367	...	...		...	...	...	...
1532 Starches and starch products		1	2	2	2		...	...	...	...		...	...	...	...
1533 Prepared animal feeds		20	17	26	22		654	514	446	638		...	805	787	1078
154 Other food products		192	320	373	290		9798	10173	10609	13037		13406	15707	18626	19910
1541 Bakery products		163	269	292	216		7106	7069	...	...		...	...	...	...
1542 Sugar		6	3	3	3		1166	1233	...	...		...	...	...	...
1543 Cocoa, chocolate and sugar confectionery		9	9	14	21		1184	1431	...	...		...	...	...	...
1544 Macaroni, noodles & similar products		-	-	41	25		-	-	...	...		...	...	...	...
1549 Other food products n.e.c.		14	39	23	25		342	440	...	...		...	...	...	...
155 Beverages		36	49	44	56		3073	3247	3400	3175		5773	7175	8933	8973
1551 Distilling, rectifying & blending of spirits		7	11	13	13		852	1076	1312	1203		...	3063	4065	5424b/
1552 Wines		2	3	1	1		274	285	367	343		...	1447	1563	...
1553 Malt liquors and malt		17	19	17	24		1575	1688	1399	1466		...	2493	3078	3407
1554 Soft drinks; mineral waters		10	16	13	18		372	198	322	163		...	172	227	142
1600 Tobacco products		1	1	2	2		...	...	265	286		537	738	872	...
171 Spinning, weaving and finishing of textiles		32	23	21	59		3223	2989	3154	3253		3311	4014	4815	5802
1711 Textile fibre preparation; textile weaving		32	23	19	54		3223	2989	3154	...		...	...	...	...
1712 Finishing of textiles		-	-	2	5		-	-	...	...		...	...	...	...
172 Other textiles		44	60	57	17		3847	3942	4127	3705		5152	6535	7765	6817
1721 Made-up textile articles, except apparel		28	42	38	7		1035	1299	1330	1463		...	1315	1706	2293
1722 Carpets and rugs		-	-	-	-		-	-	-	-		...	-	-	-
1723 Cordage, rope, twine and netting		6	5	11	7		21	33	...	...		...	...	...	...
1729 Other textiles n.e.c.		10	13	8	3		2791	2610	...	...		...	...	...	...
1730 Knitted and crocheted fabrics and articles		63	52	54	63		6214	5129	5285	4675		5839	6484	6918	5715
1810 Wearing apparel, except fur apparel		178	243	303	285		8456	9717	10479	12650		6705	9672	12060	15942
1820 Dressing & dyeing of fur; processing of fur		24	20	16	25		366	263	194	94		244	162	147	95
191 Tanning, dressing and processing of leather		34	42	41	44		921	978	887	564		764	779	758	470
1911 Tanning and dressing of leather		12	8	4	5		443	411	286	196		...	433	275	184
1912 Luggage, handbags, etc.; saddlery & harness		22	34	37	39		478	567	601	368		...	347	483	286
1920 Footwear		32	38	27	30		3262	2850	2166	2059		2469	2388	1919	1938
2010 Sawmilling and planing of wood		439	619	783	809		9531	11858	13707	16120		...	9185	12765	16462
202 Products of wood, cork, straw, etc.		170	220	214	215		6167	6374	6235	7164		...	9953	12233	15350
2021 Veneer sheets, plywood, particle board, etc.		9	11	15	15		3745	4103	4494	4828		...	8371	10683	12666
2022 Builders' carpentry and joinery		144	167	146	162		2018	1724	1186	1582		...	1196	1046	1847
2023 Wooden containers		7	12	24	13		146	145	134	254		...	103	121	220
2029 Other wood products; articles of cork/straw		10	30	29	25		258	402	421	500		...	284	384	618
210 Paper and paper products		27	39	38	52		1637	1810	1452	1360		1573	2128	2129	1991
2101 Pulp, paper and paperboard		4	8	3	2		961	830	...	...		...	...	...	...
2102 Corrugated paper and paperboard		12	20	19	36		167	484	...	...		...	...	...	...
2109 Other articles of paper and paperboard		11	11	16	14		509	496	...	...		...	...	...	...
221 Publishing		209	256	330	322		2846	3478	3824	4050		...	6994	8760	9235
2211 Publishing of books and other publications		77	83	87	49		526	742	...	...		...	...	...	...
2212 Publishing of newspapers, journals, etc.		118	148	165	180		2221	2651	...	...		...	...	...	...
2213 Publishing of recorded media		4	-	33	22		7	-	...	...		...	...	...	...
2219 Other publishing		10	25	45	71		92	85	...	...		...	...	...	...

222 Printing and related service activities	99	122	115	244	2468	2797	2849	3050	...	4292	5043	5894
2221 Printing	95	101	74	178	2421	2680	...	...	...	...	...	...
2222 Service activities related to printing	4	21	41	66	47	117	...	...	...	...	...	...
2230 Reproduction of recorded media	3	5	4	4	64	78	78	44	...	35	66	45
2310 Coke oven products	-	-	-	-	-	-	-	-	...	-	-	-
2320 Refined petroleum products	2	3	1	4	88	107	...	...	...	...	...	...
2330 Processing of nuclear fuel	-	-	-	-	-	-	-	-	...	-	-	-
241 Basic chemicals	12	16	22	26	306	357	387	364	...	312	350	355
2411 Basic chemicals, except fertilizers	10	16	22	26	276	357	...	364	...	...	...	355
2412 Fertilizers and nitrogen compounds	1	-	-	-	29	-	-	-	...	-	-	-
2413 Plastics in primary forms; synthetic rubber	1	-	-	-	1	-	-	-	...	-	-	-
242 Other chemicals	52	70	81	86	4235	4026	4073	3596	...	6591	7729	7041
2421 Pesticides and other agro-chemical products	-	1	-	-	-	5	-	-	...	2	7	-
2422 Paints, varnishes, printing ink and mastics	7	12	18	26	592	556	570	647	...	970	1109	1366
2423 Pharmaceuticals, medicinal chemicals, etc.	23	23	29	33	2251	2183	2212	2125	...	3763	4576	4191
2424 Soap, cleaning & cosmetic preparations	18	19	16	21	1247	1101	1089	668	...	1510	1753	1235
2429 Other chemical products n.e.c.	4	15	18	6	145	182	197	156	...	345	283	249
2430 Man-made fibres	2	1	1	2	...	...	3541	3100	...	4368	4058	...
251 Rubber products	12	11	15	18	197	154	154	221	...	156	199	247
2511 Rubber tyres and tubes	2	3	-	-	66	25	-	-	...	-	-	-
2519 Other rubber products	10	8	15	18	131	129	...	221	...	...	...	247
2520 Plastic products	50	46	67	62	1521	1273	1353	1549	...	1425	1529	1649
2610 Glass and glass products	22	20	17	18	1149	1027	906	934	...	664	755	945
269 Non-metallic mineral products n.e.c.	104	108	136	164	5467	4534	3232	3172	...	5109	4369	4044
2691 Pottery, china and earthenware	12	17	26	46	1380	1247	...	...	...	1128	...	...
2692 Refractory ceramic products	3	2	2	5	25	19	...	...	...	...	...	...
2693 Struct.non-refractory clay; ceramic products	9	10	10	8	715	1007	451	615	...	921	755	1023
2694 Cement, lime and plaster	4	4	2	1	990	362	640	439	...	984	1147	2718c/
2695 Articles of concrete, cement and plaster	68	49	57	66	2067	1769	1283	1228	...	1368	1385	...
2696 Cutting, shaping & finishing of stone	2	24	39	29	27	126	64	123	...	128	61	121
2699 Other non-metallic mineral products n.e.c.	6	2	-	9	263	4	-	...	...	4	-	...
2710 Basic iron and steel	1	1	1	1	...	...	...	...	...	...	...	...
2720 Basic precious and non-ferrous metals	-	-	-	1	...	...	...	...	...	...	...	...
273 Casting of metals	2	5	6	6	75	105	...	...	...	...	...	...
2731 Casting of iron and steel	1	1	1	-	4	...	...	-	...	...	...	...
2732 Casting of non-ferrous metals	1	4	5	6	71	105	...	...	...	...	...	...
281 Struct.metal products;tanks;steam generators	29	50	69	80	796	829	894	1095	...	678	833	1328
2811 Structural metal products	22	36	57	48	633	527	654	805	...	426	523	937
2812 Tanks, reservoirs and containers of metal	3	4	8	23	37	63	89	222	...	90	66	212
2813 Steam generators	4	10	4	9	126	239	151	68	...	162	243	179
289 Other metal products; metal working services	131	153	201	170	3290	4543	4124	4667	...	4591	5708	6491
2891 Metal forging/pressing/stamping/roll-forming	7	2	6	3	...	...	11	104	...	10	11	116
2892 Treatment & coating of metals	2	24	28	22	33	283	277	265	...	255	302	217
2893 Cutlery, hand tools and general hardware	25	19	39	33	599	1414	820	1116	...	760	1051	1399
2899 Other fabricated metal products n.e.c.	97	108	128	112	2641	2833	3016	3182	...	3566	4344	4760
291 General purpose machinery	51	60	77	106	3819	3558	3508	3626	...	4945	5392	5917
2911 Engines & turbines(not for transport equip.)	16	8	16	11	816	713	...	...	...	...	...	...
2912 Pumps, compressors, taps and valves	6	11	8	17	408	498	...	...	...	...	...	...
2913 Bearings, gears, gearing & driving elements	1	2	10	11	...	...	...	...	...	...	...	...
2914 Ovens, furnaces and furnace burners	-	-	-	3	...	...	...	...	...	...	...	...
2915 Lifting and handling equipment	10	9	17	26	518	257	...	...	...	...	...	...
2919 Other general purpose machinery	18	30	26	38	805	783	...	...	...	...	...	...
292 Special purpose machinery	141	155	115	96	8163	7551	6599	5670	...	8219	8071	7373
2921 Agricultural and forestry machinery	94	99	80	63	3401	2757	1860	1478	...	2467	1871	1602
2922 Machine tools	24	27	21	20	3874	4005	4118	4192d/	...	5041	5566	5771d/
2923 Machinery for metallurgy	1	2	1	1	...	...	...	...	...	...	...	...
2924 Machinery for mining & construction	3	3	1	-	157	106	...	-	...	...	...	...
2925 Food/beverage/tobacco processing machinery	4	13	5	2	149	234	...	...	...	...	...	...
2926 Machinery for textile, apparel and leather	1	-	-	5	62	-	...	...	...	...	...	...
2927 Weapons and ammunition	-	-	-	-	-	-	...	...	...	...	...	...
2929 Other special purpose machinery	14	11	7	5	163	114	...	...	...	...	...	...
2930 Domestic appliances n.e.c.	5	11	5	13	83	97	102	46	...	135	154	72

continued

## Latvia

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand LATS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		6	8	7	15		65	92	116	109		56	96	147	190
3110 Electric motors, generators and transformers		14	18	23	32		2736	2691	...	...		...	...	...	...
3120 Electricity distribution & control apparatus		9	12	10	9		1660	1488	...	...		...	...	...	...
3130 Insulated wire and cable		1	1	-	-		...	...	-	-		...	...	-	-
3140 Accumulators, primary cells and batteries		-	-	-	2		...	...	-	...		...	...	-	...
3150 Lighting equipment and electric lamps		11	18	19	12		1129	1007	...	...		...	...	...	...
3190 Other electrical equipment n.e.c.		6	7	10	10		79	68	...	...		...	...	...	...
3210 Electronic valves, tubes, etc.		3	4	17	7		593	425	...	...		...	...	...	...
3220 TV/radio transmitters; line comm. apparatus		24	33	14	30		5386	4312	...	...		...	...	...	...
3230 TV and radio receivers and associated goods		16	21	17	24		1628	1273	...	...		...	...	...	...
331 Medical, measuring, testing appliances, etc.		48	73	62	100		526	606	...	...		...	...	...	...
3311 Medical, surgical and orthopaedic equipment		26	36	27	43		376	414	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		18	37	30	57		146	192	...	...		...	...	...	...
3313 Industrial process control equipment		4	-	5	-		4	-	...	...		...	...	-	...
3320 Optical instruments & photographic equipment		3	6	2	1		106	113	...	...		...	...	...	...
3330 Watches and clocks		1	1	1	5		...	...	...	...		...	...	...	...
3410 Motor vehicles		4	5	5	3		2770	2096	...	...		...	...	...	...
3420 Automobile bodies, trailers & semi-trailers		10	13	8	11		142	210	...	...		...	...	...	...
3430 Parts/accessories for automobiles		7	7	10	3		54	51	...	...		...	...	...	...
351 Building and repairing of ships and boats		26	34	45	62		3708	3263	3222	3406		...	4480	4699	5822
3511 Building and repairing of ships		21	20	38	44		3677	3148	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		5	14	7	18		31	115	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		7	9	11	10		5972	5832	5659	4431		...	7528	6127	5076
3530 Aircraft and spacecraft		1	2	3	4		3	3	5	8		...	16	9	4
359 Transport equipment n.e.c.		3	5	4	4		523	363	247	167		...	362	230	158
3591 Motorcycles		1	2	2	2		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		1	2	1	1		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		1	1	1	1		...	...	...	...		...	...	...	...
3610 Furniture		130	169	195	208		6080	5380	4736	4352		5213	4645	5609	6042
369 Manufacturing n.e.c.		66	69	71	77		2420	1811	1734	1876		2085	1897	1859	2358
3691 Jewellery and related articles		10	17	16	13		509	249	198	195		...	276	255	209
3692 Musical instruments		1	5	7	4		70	90	82	65		...	93	77	84
3693 Sports goods		8	5	4	6		61	45	46	36		...	17	19	16
3694 Games and toys		2	16	19	21		192	345	325	440		...	329	413	590
3699 Other manufacturing n.e.c.		45	26	25	33		1588	1082	1083	1140		...	1181	1096	1460
3710 Recycling of metal waste and scrap		17	21	28	28		447	378	...	...		...	...	...	...
3720 Recycling of non-metal waste and scrap		2	10	1	...		5	54	...	...		...	...	...	...
D Total manufacturing		2959	3763	4181	4486		154252	153005	152014	152923		169239	195883	224626	236030

a/ 1513 includes 1514.

b/ 1551 includes 1552.

c/ 2694 includes 2695.

d/ 2922 includes 2923.

## Latvia

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in factor values				Gross fixed capital formation				
	Note	(thousand LATS)				Note	(thousand LATS)				(thousand LATS)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
151 Processed meat, fish, fruit, vegetables, fats		120801	173653	214416	192590		35578	61237	72362	54615		15671	17756
1511 Processing/preserving of meat		61837	67376	68447	67140		15322	19520	19554	15641		3036	4222
1512 Processing/preserving of fish		48158	81224	107260	83459		16929	32836	36780	24193		5416	4591
1513 Processing/preserving of fruit & vegetables		10575	24854	37737	41990a/		3273	8818	15602	14781a/		7127	8943a/
1514 Vegetable and animal oils and fats		...	...	...	...a/		...	...	...	...a/		...	...a/
1520 Dairy products		72648	88108	97742	103508		22450	26944	32463	30539		5200	6422
153 Grain mill products; starches; animal feeds		36109	48704	49446	39114		13363	10880	15029	12393		2195	2602
1531 Grain mill products		26008	40567	35559	26970b/		11210	12933	10652	8745b/		1775	1719b/
1532 Starches and starch products		...	...	...	...b/		...	...	...	...b/		...	...b/
1533 Prepared animal feeds		9719	6401	11868	12144		1939	-2368	3538	3648		141	882
154 Other food products		89925	112431	148261	143653		41746	44938	62313	56868		14798	16212
1541 Bakery products		51663	59221	65709	64699		25580	26351	30890	29769		4025	6136
1542 Sugar		12674	17070	25435	29509		5191	5042	8995	11294		5065	7164
1543 Cocoa, chocolate and sugar confectionery		22358	28170	34864	23799		9699	11021	13466	7951		2295	1633
1544 Macaroni, noodles & similar products		-	-	1765	2358		-	-	733	821		147	177
1549 Other food products n.e.c.		3230	7970	20488	23287		1277	2524	8230	7034		3267	1103
155 Beverages		59841	67775	76768	78801		57308	59848	...	80952		7706	11226
1551 Distilling, rectifying & blending of spirits		23016	28864	31413	47661c/		28388	31883	...	59716c/		3118	5330c/
1552 Wines		11808	15943	17236	...		11139	14662	16108	...		979	...
1553 Malt liquors and malt		18886	20258	25929	28574		13939	15870	17257	19635		3408	5754
1554 Soft drinks; mineral waters		6131	2711	2191	2567		3843	1133	1041	1601		202	141
1600 Tobacco products		...	...	...	...		...	...	...	...		...	...
171 Spinning, weaving and finishing of textiles		14675	19912	23703	62531		6551	8724	11582	28042		3135	3979
1711 Textile fibre preparation; textile weaving		14675	19912	23699	31188		6551	8724	11581	23496		3135	3416
1712 Finishing of textiles		-	-	-	31343		-	-	-	4546		-	563
172 Other textiles		23854	32577	37518	19784		7930	13614	15068	8196		3056	2665
1721 Made-up textile articles, except apparel		6212	9307	11027	960		661	3265	4348	429		745	824
1722 Carpets and rugs		-	-	-	-		-	-	-	-		-	-
1723 Cordage, rope, twine and netting		96	60	871	378		83	49	228	150		10	1
1729 Other textiles n.e.c.		17546	23210	25621	18446		7185	10300	10493	7618		2301	1840
1730 Knitted and crocheted fabrics and articles		20115	28587	27486	8150		6590	10390	13272	3076		607	786
1810 Wearing apparel, except fur apparel		18809	31732	41577	50216		13353	20501	26323	30446		3397	3223
1820 Dressing & dyeing of fur; processing of fur		650	845	515	405		346	642	336	253		27	43
191 Tanning, dressing and processing of leather		4024	3779	3022	2148		1389	1221	951	615		51	23
1911 Tanning and dressing of leather		3092	2435	1728	992		873	465	310	191		33	2
1912 Luggage, handbags, etc.; saddlery & harness		932	1344	1294	1156		516	756	642	424		17	21
1920 Footwear		7637	10015	7593	6389		3635	4912	3136	2314		360	404
2010 Sawmilling and planing of wood		52836	74354	137755	171068		22605	23343	46421	64439		13398	23905
202 Products of wood, cork, straw, etc.		49218	58755	82686	97330		18887	24111	40361	42492		47854	9616
2021 Veneer sheets, plywood, particle board, etc.		42663	50750	69554	82975		15974	20503	35283	37620		47025	8417
2022 Builders' carpentry and joinery		5438	5646	10201	10926		2251	2677	4195	3776		551	933
2023 Wooden containers		703	1008	1296	1888		397	257	434	551		36	207
2029 Other wood products; articles of cork/straw		415	1352	1535	1541		265	674	450	546		242	59
210 Paper and paper products		6080	14244	24906	24780		1499	5103	9741	7244		2007	2581
2101 Pulp, paper and paperboard		1436	2038	1496	16769d/		-22	921	660	4440d/		110	1680d/
2102 Corrugated paper and paperboard		635	5951	16339	...		219	1603	7042	...		539	...
2109 Other articles of paper and paperboard		4009	6256	7071	8011		1301	2579	2038	2804		1358	901
221 Publishing		25642	33182	38538	46056		15387	17910	16028	18822		2433	3766
2211 Publishing of books and other publications		6377	8670	9410	12552		3055	3882	3747	4911		445	659
2212 Publishing of newspapers, journals, etc.		18604	23329	25230	30303		12014	13468	11103	12013		1832	2913
2213 Publishing of recorded media		215	-	1523	568		...	-	385	281		109	5
2219 Other publishing		446	1183	2375	2633		272	561	794	1617		48	190

continued

## Latvia

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in factor values				Gross fixed capital formation				
	Note	(thousand LATS)				Note	(thousand LATS)				(thousand LATS)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
222 Printing and related service activities		12035	17912	24408	41867		7791	10374	11912	19290		6549	7074
2221 Printing		11739	17478	23835	39123		7607	10183	11773	18843		6486	6812
2222 Service activities related to printing		296	435	574	2744		183	191	139	447		64	262
2230 Reproduction of recorded media		218	321	257	121		74	87	124	98		42	29
2310 Coke oven products		-	-	-	-		-	-	-	-		-	-
2320 Refined petroleum products		988	1201	...	1334		298	533	...	460		...	102
2330 Processing of nuclear fuel		-	-	-	-		-	-	-	-		-	-
241 Basic chemicals		1083	1129	2712	4098		476	400	999	1075		74	300
2411 Basic chemicals, except fertilizers		979	1129	2712	4098		471	400	999	1075		74	300
2412 Fertilizers and nitrogen compounds		96	-	-	-		-5	-	-	-		-	-
2413 Plastics in primary forms; synthetic rubber		9	-	-	-		10	-	-	-		-	-
242 Other chemicals		35791	40682	65301	39894		16410	19308	35220	15800		1465	4172
2421 Pesticides and other agro-chemical products		-	-	-	-		-	-	-	-		-	-
2422 Paints, varnishes, printing ink and mastics		9665	12091	18295	14504		3218	4165	4394	3240		233	969
2423 Pharmaceuticals, medicinal chemicals, etc.		16332	19353	37659	17717		8757	11648	25977	9433		815	2652
2424 Soap, cleaning & cosmetic preparations		9066	7653	7733	6998		3978	2863	4330	3052		333	546
2429 Other chemical products n.e.c.		728	1562	1615	675		457	614	519	75		84	4
2430 Man-made fibres		...	...	...	...		...	...	...	...		...	...
251 Rubber products		1003	543	1855	2453		599	182	712	935		107	314
2511 Rubber tyres and tubes		610	146	-	-		338	25	-	-		-	-
2519 Other rubber products		393	397	1855	2453		262	157	712	935		107	314
2520 Plastic products		7259	8766	13343	20124		3445	4020	4674	6519		2797	1918
2610 Glass and glass products		5005	6291	7828	13519		1574	2101	3759	7139		2376	5266
269 Non-metallic mineral products n.e.c.		21085	23639	23334	34261		10580	11042	9214	14712		2063	7437
2691 Pottery, china and earthenware		2695	2124	1375	1907		1595	1281	732	1052		48	941
2692 Refractory ceramic products		...	...	...	35		...	...	...	22		...	148
2693 Struct.non-refractory clay; ceramic products		2344	2643	3230	4016		1265	1570	1819	2236		175	289
2694 Cement, lime and plaster		7234	8876	...	24334e/		3903	3968	2087	9823e/		...	5662e/
2695 Articles of concrete, cement and plaster		6630	9619	11549	...		3279	3921	4397	...		1186	...
2696 Cutting, shaping & finishing of stone		134	369	325	311		...	302	177	187		98	23
2699 Other non-metallic mineral products n.e.c.		2048	...	-	3657		519	...	-	1392		-	374
2710 Basic iron and steel		...	...	...	...		...	...	...	...		...	...
2720 Basic precious and non-ferrous metals		...	...	...	...		...	...	...	...		...	...
273 Casting of metals		1363	1017	2454	8442		340	323	386	604		209	154
2731 Casting of iron and steel		...	...	...	...		...	...	...	...		...	...
2732 Casting of non-ferrous metals		1357	996	2454	8442		336	308	386	604		209	154
281 Struct.metall products;tanks;steam generators		3218	4991	7438	12395		1362	3014	4093	5659		365	1414
2811 Structural metal products		2630	3550	4981	8590		949	2155	2678	4012		253	1194
2812 Tanks, reservoirs and containers of metal		93	157	1813	2378		86	135	1001	998		52	72
2813 Steam generators		495	1285	644	1427		328	724	415	650		60	148
289 Other metal products; metal working services		17797	28888	53454	52215		9045	13160	22153	20716		2619	3113
2891 Metal forging/pressing/stamping/roll-forming		...	...	520	84		...	...	261	50		76	69
2892 Treatment & coating of metals		170	1141	1690	1293		81	694	643	642		57	157
2893 Cutlery, hand tools and general hardware		1880	3083	6026	6579		970	1879	3188	3286		199	280
2899 Other fabricated metal products n.e.c.		15685	24639	45219	44259		7964	10566	18061	16738		2287	2606
291 General purpose machinery		18895	18229	25204	27555		12773	11426	14614	13690		969	2039
2911 Engines & turbines(not for transport equip.)		3100	2973	4929	4767		2033	1938	3412	2309		96	162
2912 Pumps, compressors, taps and valves		1314	1874	2005	2028		881	1360	1350	1336		33	5
2913 Bearings, gears, gearing & driving elements		...	...	9168	8370		...	...	5229	4494		389	665
2914 Ovens, furnaces and furnace burners		-	-	-	212		-	-	-	142		-	-
2915 Lifting and handling equipment		1677	1452	4664	9877		1093	929	2188	4088		349	319
2919 Other general purpose machinery		3464	3681	4438	2302		2490	2055	2435	1321		102	888

292	Special purpose machinery	29559	32917	29903	24711	14721	15263	11889	11072	2087	4190
2921	Agricultural and forestry machinery	7715	7938	5119	5657	3887	3724	1720	2625	113	286
2922	Machine tools	19225	22143	22409	14779f/	9358	9511	8955	5335f/	1943	2255f/
2923	Machinery for metallurgy	...	...	...	...f/	...	...	...	...f/	...	...f/
2924	Machinery for mining & construction	667	901	...	...	374	795	...	...	...	...
2925	Food/beverage/tobacco processing machinery	372	1105	990	379	225	661	488	273	211	3
2926	Machinery for textile, apparel and leather	3	-	-	146	3	-	-	167	-	21
2927	Weapons and ammunition	-	-	-	-	-	-	-	-	-	-
2929	Other special purpose machinery	567	244	439	3750	263	166	270	2673	-	1626
2930	Domestic appliances n.e.c.	99	840	482	261	-9	343	78	107	54	8
3000	Office, accounting and computing machinery	4148	4825	4856	3978	1581	969	911	748	33	202
3110	Electric motors, generators and transformers	11249	11333	16967	13424	7045	6871	8948	5842	277	224
3120	Electricity distribution & control apparatus	6891	7858	10176	14105	3461	3438	4764	6635	420	1064
3130	Insulated wire and cable	...	...	-	-	...	...	-	-	-	-
3140	Accumulators, primary cells and batteries	...	...	-	681	...	...	-	-	-	91
3150	Lighting equipment and electric lamps	4062	4227	5749	4822	1654	1668	4448	1941	653	458
3190	Other electrical equipment n.e.c.	96	136	823	1008	62	96	288	217	2	6
3210	Electronic valves, tubes, etc.	1040	978	3344	607	585	644	784	114	198	33
3220	TV/radio transmitters; line comm. apparatus	11959	12324	8776	7373	6586	6496	5175	3822	194	398
3230	TV and radio receivers and associated goods	2979	7402	11799	10007	-2629	744	1513	1351	35	158
331	Medical, measuring, testing appliances, etc.	3719	3428	3281	9069	2596	1749	1846	4654	148	319
3311	Medical, surgical and orthopaedic equipment	3303	2892	1949	2877	2349	1397	1115	1727	65	126
3312	Measuring/testing/navigating appliances, etc.	403	537	973	6192	241	353	603	2927	64	193
3313	Industrial process control equipment	...	...	359	-	-	-	128	-	18	-
3320	Optical instruments & photographic equipment	245	382	...	360g/	170	261	...	179g/	...	122g/
3330	Watches and clocks	...	...	...	...g/	...	...	...	...g/	...	...g/
3410	Motor vehicles	17128	5785	1146	374	4771	907	181	72	573	435
3420	Automobile bodies, trailers & semi-trailers	2368	2725	6196	7181	1623	1234	1427	2870	262	470
3430	Parts/accessories for automobiles	124	192	491	91	79	110	347	47	12	...
351	Building and repairing of ships and boats	13084	17957	24141	30236	7318	11455	15426	15614	1572	1811
3511	Building and repairing of ships	12970	17468	24005	30114	7277	11325	15376	15590	1572	1806
3512	Building/repairing of pleasure/sport. boats	114	489	137	121	40	130	49	23	-	5
3520	Railway/tramway locomotives & rolling stock	32646	30219	16615	13927	18973	14474	6366	5260	185	439
3530	Aircraft and spacecraft	88	...	...	...	53	...	...	3	10	...
359	Transport equipment n.e.c.	1701	904	903	681	912	53	249	237	20	...
3591	Motorcycles	...	...	...	...	...	...	...	...	...	...
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...
3610	Furniture	24309	23946	29150	37758	10751	11773	12185	14326	3175	3296
369	Manufacturing n.e.c.	9084	10038	10296	10803	4657	4537	5689	3974	618	788
3691	Jewellery and related articles	2560	1917	1303	719	1993	814	970	308	20	57
3692	Musical instruments	56	83	173	100	...	...	156	92	-	51
3693	Sports goods	232	217	197	194	67	62	38	-14	4	1
3694	Games and toys	738	1392	1603	2293	385	666	906	1226	255	501
3699	Other manufacturing n.e.c.	5498	6430	7021	7496	2227	2950	3610	2363	339	179
3710	Recycling of metal waste and scrap	6155	5019	8482	10023	3187	2648	2475	2236	283	139
3720	Recycling of non-metal waste and scrap	...	131	...	...	...	88	...	...	...	...
D	Total manufacturing	983542	1208690	1513822	1610318	440331	521993	675208	666167	200747	178853

a/ 1513 includes 1514.  
b/ 1531 includes 1532.  
c/ 1551 includes 1552.  
d/ 2101 includes 2102.  
e/ 2694 includes 2695.  
f/ 2922 includes 2923.  
g/ 3320 includes 3330.

## Latvia

ISIC Revision 3		Index numbers of industrial production											
		Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
ISIC Industry													
15	Food and beverages	...	...	...	100	90	66	42	39	38	42	48	47
16	Tobacco products	...	...	...	100	112	66	49	39	40	54	67	77
17	Textiles	...	...	...	100	97	53	33	26	22	34	37	36
18	Wearing apparel, fur	...	...	...	100	100	60	29	32	35	33	41	47
19	Leather, leather products and footwear	...	...	...	100	127	92	61	41	28	29	21	17
20	Wood products (excl. furniture)	...	...	...	100	97	85	86	109	133	166	236	272
21	Paper and paper products	...	...	...	100	128	60	25	18	27	43	73	72
22	Printing and publishing	...	...	...	100	114	100	98	88	100	110	123	164
23	Coke, refined petroleum products, nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products	...	...	...	100	114	82	57	35	35	34	39	33
25	Rubber and plastics products	...	...	...	100	105	76	41	41	49	52	67	92
26	Non-metallic mineral products	...	...	...	100	91	49	15	10	9	9	9	13
27	Basic metals	...	...	...	100	85	49	61	68	56	56	78	133
28	Fabricated metal products	...	...	...	100	109	62	42	68	65	96	164	172
29	Machinery and equipment n.e.c.	...	...	...	100	103	58	34	29	27	26	25	16
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	...	...	...	100	111	56	36	22	22	20	28	28
32	Radio, television and communication equipment	...	...	...	100	104	49	21	14	8	9	10	8
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	...	...	...	100	111	108	73	44	30	10	8	7
35	Other transport equipment	...	...	...	100	105	75	51	55	56	47	38	38
36	Furniture; manufacturing n.e.c.	...	...	...	100	102	57	49	45	41	38	41	48
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	...	100	99	64	42	37	35	38	44	46

## LITHUANIA

<p><b>Supplier of information:</b> Lithuanian Department of Statistics, Vilnius.</p> <p><b>Basic source of data:</b> Annual survey of industrial enterprises.</p> <p><b>Major deviations from ISIC (Revision 3):</b> Data collected under the national classification system have been reclassified by the national authorities to correspond approximately with ISIC (Rev. 3).</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All operating industrial enterprises.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> No.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b> Statistical Yearbook of Lithuania; Industry 1997, both published by the Lithuanian Department of Statistics, Vilnius.</p>
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## Lithuania

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand LITA)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats	...	154	130	144	...	11947	11378	10336	...	103210	97630	99144			
1511 Processing/preserving of meat	...	103	84	99	...	8200	7909	7440	...	61863	64261	70518			
1512 Processing/preserving of fish	...	26	23	26	...	2151	1959	1986	...	28799	20344	21345			
1513 Processing/preserving of fruit & vegetables	...	21	20	18	...	1255	1187	808	...	8108	8195	6242			
1514 Vegetable and animal oils and fats	...	4	3	1	...	341	323	102	...	4440	4830	1039			
1520 Dairy products	...	59	49	48	...	10668	11998	12167	...	93596	131860	149728			
153 Grain mill products; starches; animal feeds	...	44	47	53	...	4369	4639	4434	...	46880	53997	51637			
1531 Grain mill products	...	29	30	35	...	2296	2429	2722	...	20691	24197	31671			
1532 Starches and starch products	...	1	2	3	...	...	49	165	...	...	359	1812			
1533 Prepared animal feeds	...	14	15	15	...	2039	2161	1547	...	25997	29441	18154			
154 Other food products	...	152	159	203	...	12152	12888	13956	...	119789	137653	167994			
1541 Bakery products	...	134	140	171	...	8002	8520	9526	...	62463	75565	94792			
1542 Sugar	...	4	4	4	...	1737	2079	1890	...	22948	23580	24910			
1543 Cocoa, chocolate and sugar confectionery	...	7	6	7	...	2292	2078	1862	...	33686	37723	37825			
1544 Macaroni, noodles & similar products	...	1	3	5	...	2	46	113	...	3	213	977			
1549 Other food products n.e.c.	...	6	6	16	...	119	165	565	...	689	572	9490			
155 Beverages	...	47	49	70	...	5218	5899	6337	...	66454	88878	106065			
1551 Distilling, rectifying & blending of spirits	...	4	4	4	...	1534	1632	1574	...	20893	25586	26102			
1552 Wines	...	2	2	4	...	950	1185	1159	...	13450	20022	21323			
1553 Malt liquors and malt	...	19	19	26	...	2393	2519	2766	...	29430	38435	50511			
1554 Soft drinks; mineral waters	...	22	24	36	...	341	563	838	...	2681	4835	8129			
1600 Tobacco products	...	1	1	1	...	...	375	418	...	...	9495	12785			
171 Spinning, weaving and finishing of textiles	...	47	42	43	...	16269	16536	15887	...	132040	155253	162614			
1711 Textile fibre preparation; textile weaving	...	45	39	39	...	16094	16407	15645	...	131918	154406	160940			
1712 Finishing of textiles	...	2	3	4	...	175	129	242	...	122	847	1674			
172 Other textiles	...	17	21	30	...	1138	1237	1724	...	9411	12064	19234			
1721 Made-up textile articles, except apparel	...	4	7	14	...	325	402	588	...	2351	3743	6401			
1722 Carpets and rugs	...	1	1	1	...	...	249	184	...	...	2185	1983			
1723 Cordage, rope, twine and netting	...	3	4	4	...	64	77	53	...	3139	1061	907			
1729 Other textiles n.e.c.	...	9	9	11	...	460	509	899	...	1368	5075	9943			
1730 Knitted and crocheted fabrics and articles	...	55	55	66	...	9615	9018	7695	...	68266	73698	73222			
1810 Wearing apparel, except fur apparel	...	219	225	265	...	18552	22650	26911	...	124699	164516	210128			
1820 Dressing & dyeing of fur; processing of fur	...	6	6	7	...	1575	1641	1254	...	12933	14489	12367			
191 Tanning, dressing and processing of leather	...	16	18	18	...	1714	1784	1319	...	11513	14331	12182			
1911 Tanning and dressing of leather	...	5	6	6	...	965	1036	724	...	7178	10019	7925			
1912 Luggage, handbags, etc.; saddlery & harness	...	11	12	12	...	749	748	595	...	4335	4312	4257			
1920 Footwear	...	22	20	17	...	4158	3730	3346	...	28563	29679	26213			
2010 Sawmilling and planing of wood	...	239	236	242	...	4290	6255	5234	...	21260	36469	39084			
202 Products of wood, cork, straw, etc.	...	245	216	252	...	9573	9028	9234	...	55627	63664	82405			
2021 Veneer sheets, plywood, particle board, etc.	...	56	43	38	...	2898	3046	3002	...	19876	27437	31238			
2022 Builders' carpentry and joinery	...	111	112	137	...	3909	3488	3796	...	22213	21745	31265			
2023 Wooden containers	...	5	9	21	...	833	860	960	...	5437	6449	8455			
2029 Other wood products; articles of cork/straw	...	73	52	56	...	1933	1634	1476	...	8101	8033	11447			
210 Paper and paper products	...	17	19	23	...	4225	4070	3722	...	41658	45916	47033			
2101 Pulp, paper and paperboard	...	8	5	7	...	3284	2939	2625	...	29862	29428	29747			
2102 Corrugated paper and paperboard	...	4	5	6	...	619	737	783	...	7820	10793	11217			
2109 Other articles of paper and paperboard	...	5	9	10	...	322	394	314	...	3976	5695	6069			
221 Publishing	...	122	127	145	...	2551	2771	3299	...	31176	39796	49764			
2211 Publishing of books and other publications	...	34	33	43	...	949	821	1070	...	10148	10673	16797			
2212 Publishing of newspapers, journals, etc.	...	77	83	90	...	1459	1751	1981	...	18624	25277	28301			
2213 Publishing of recorded media	...	-	-	-	...	-	-	-	...	-	-	-			
2219 Other publishing	...	11	11	12	...	143	199	248	...	2404	3846	4666			

222	Printing and related service activities	86	83	96	3331	3738	3634	34131	49499	60167
2221	Printing	75	71	82	3179	3612	3481	33043	48393	58887
2222	Service activities related to printing	11	12	14	152	126	153	1088	1106	1280
2230	Reproduction of recorded media	5	4	3	54	26	21	191	90	140
2310	Coke oven products	-	-	-	-	-	-	-	-	-
2320	Refined petroleum products	3	3	3	3211	3503	3402	65710	83422	95472
2330	Processing of nuclear fuel	-	-	-	-	-	-	-	-	-
241	Basic chemicals	11	13	18	3252	3427	3080	57347	60784	60499
2411	Basic chemicals, except fertilizers	8	9	13	133	247	327	1258	3745	5763
2412	Fertilizers and nitrogen compounds	2	3	4	3119	3170	2739	56089	57003	54674
2413	Plastics in primary forms; synthetic rubber	1	1	1	-	10	14	-	36	62
242	Other chemicals	44	45	55	3272	3190	3228	30369	34898	39348
2421	Pesticides and other agro-chemical products	-	-	-	-	-	-	-	-	-
2422	Paints, varnishes, printing ink and mastics	6	8	8	38	89	104	236	679	1039
2423	Pharmaceuticals, medicinal chemicals, etc.	14	14	15	2004	2096	2030	19611	24923	25713
2424	Soap, cleaning & cosmetic preparations	13	18	21	843	853	783	6720	7936	8275
2429	Other chemical products n.e.c.	11	5	11	387	152	311	3802	1360	4321
2430	Man-made fibres	1	1	1	-	1575	1472	-	22853	21198
251	Rubber products	14	16	17	363	407	346	2127	2996	2736
2511	Rubber tyres and tubes	8	10	11	143	148	117	749	1078	927
2519	Other rubber products	6	6	6	220	259	229	1378	1918	1809
2520	Plastic products	96	87	119	3180	3006	3359	22534	29257	43074
2610	Glass and glass products	12	13	18	1964	2053	1954	19636	22726	25692
269	Non-metallic mineral products n.e.c.	177	147	155	11936	10660	10027	88800	101574	114384
2691	Pottery, china and earthenware	13	10	13	780	748	647	5345	5382	4993
2692	Refractory ceramic products	1	4	4	-	62	57	-	534	613
2693	Struct.non-refractory clay; ceramic products	29	20	16	3540	3032	2558	25616	27752	27048
2694	Cement, lime and plaster	2	1	2	1177	1066	1235	11461	13012	17219
2695	Articles of concrete, cement and plaster	82	74	79	5827	5280	4938	43659	50640	57154
2696	Cutting, shaping & finishing of stone	38	35	39	325	264	348	1271	1299	2302
2699	Other non-metallic mineral products n.e.c.	12	3	2	284	208	244	1431	2965	5055
2710	Basic iron and steel	1	2	3	-	344	279	-	4059	3581
2720	Basic precious and non-ferrous metals	2	4	3	24	47	39	228	532	261
273	Casting of metals	10	9	10	1200	1343	1293	9499	12635	13770
2731	Casting of iron and steel	8	7	8	1162	1304	1225	9265	12365	13668
2732	Casting of non-ferrous metals	2	2	2	38	39	68	234	270	102
281	Struct.metal products;tanks;steam generators	45	57	83	1607	2092	2581	10448	17285	26378
2811	Structural metal products	40	47	74	1208	1525	2117	7325	11965	21385
2812	Tanks, reservoirs and containers of metal	4	10	8	376	567	461	2893	5320	4970
2813	Steam generators	1	-	1	-	-	3	-	-	23
289	Other metal products; metal working services	92	91	108	4126	3977	4326	30448	35027	48667
2891	Metal forging/pressing/stamping/roll-forming	4	8	13	130	235	484	796	2182	4563
2892	Treatment & coating of metals	5	5	10	62	103	143	552	807	1155
2893	Cutlery, hand tools and general hardware	9	10	20	624	688	1122	4388	5844	9989
2899	Other fabricated metal products n.e.c.	74	68	65	3310	2951	2577	24712	26194	32960
291	General purpose machinery	52	38	36	6709	6033	6742	51525	51380	71238
2911	Engines & turbines(not for transport equip.)	5	1	2	136	55	1018	643	182	13465
2912	Pumps, compressors, taps and valves	5	4	4	3018	3131	2954	24864	28003	29441
2913	Bearings, gears, gearing & driving elements	1	1	-	-	19	-	-	110	-
2914	Ovens, furnaces and furnace burners	4	4	5	180	197	298	1333	1481	2796
2915	Lifting and handling equipment	20	12	9	867	440	508	7585	3288	5979
2919	Other general purpose machinery	17	16	16	2490	2191	1964	17038	18316	19557
292	Special purpose machinery	61	54	52	6564	6135	4174	40826	49100	36249
2921	Agricultural and forestry machinery	28	25	20	2816	2717	1645	18454	19523	13576
2922	Machine tools	19	19	17	2754	2337	1517	18390	18889	12111
2923	Machinery for metallurgy	-	-	-	-	-	-	-	-	-
2924	Machinery for mining & construction	1	1	1	-	112	108	-	459	565
2925	Food/beverage/tobacco processing machinery	6	5	4	772	801	712	2616	8312	7494
2926	Machinery for textile, apparel and leather	-	-	2	-	-	43	-	-	412
2927	Weapons and ammunition	1	-	-	-	-	-	-	-	-
2929	Other special purpose machinery	6	4	8	115	168	149	726	1917	2091
2930	Domestic appliances n.e.c.	15	12	13	4738	5243	4772	43363	46839	47895

continued

## Lithuania

ISIC Revision 3	Number of enterprises				Number of employees				Wages and salaries paid to employees							
	Note	(numbers)				Note	(numbers)				Note	(thousand LITA)				
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998	
ISIC Industry																
3000 Office, accounting and computing machinery		...	13	12	11		...	1375	1118	987		...	7918	7788	8459	
3110 Electric motors, generators and transformers		...	18	14	13		...	2348	2127	1350		...	16873	18036	12608	
3120 Electricity distribution & control apparatus		...	4	6	5		...	1256	1528	81		...	13118	18179	850	
3130 Insulated wire and cable		...	5	7	6		...	1311	1657	1776		...	12437	18220	22269	
3140 Accumulators, primary cells and batteries		...	3	2	2		...	483	390	239		...	3795	3379	1405	
3150 Lighting equipment and electric lamps		...	5	6	6		...	183	187	236		...	1121	1341	2058	
3190 Other electrical equipment n.e.c.		...	6	4	7		...	167	51	54		...	1499	438	457	
3210 Electronic valves, tubes, etc.		...	8	10	8		...	6734	6264	4885		...	57943	81350	76980	
3220 TV/radio transmitters; line comm. apparatus		...	8	7	7		...	346	218	236		...	4623	3787	5054	
3230 TV and radio receivers and associated goods		...	15	14	14		...	4211	3918	3625		...	31139	33169	29638	
331 Medical, measuring, testing appliances, etc.		...	42	38	52		...	2809	3221	3562		...	21824	31013	39830	
3311 Medical, surgical and orthopaedic equipment		...	15	15	22		...	506	831	1031		...	5616	8575	13539	
3312 Measuring/testing/navigating appliances, etc.		...	25	23	29		...	2294	2388	2530		...	16183	22438	26280	
3313 Industrial process control equipment		...	2	...	1		...	9	2	1		...	25	...	11	
3320 Optical instruments & photographic equipment		...	4	1	1		...	20	8	4		...	84	12	13	
3330 Watches and clocks		...	-	-	-		...	-	-	-		...	-	-	-	
3410 Motor vehicles		...	1	...	-		...	...	1	-		...	...	...	34	
3420 Automobile bodies, trailers & semi-trailers		...	2	3	4		...	41	67	104		...	358	949	1456	
3430 Parts/accessories for automobiles		...	11	8	7		...	2332	1774	551		...	12075	13872	3953	
351 Building and repairing of ships and boats		...	30	36	37		...	4912	5174	5228		...	45200	58504	76622	
3511 Building and repairing of ships		...	29	35	36		...	4897	5164	5214		...	45200	58286	76178	
3512 Building/repairing of pleasure/sport. boats		...	1	1	1		...	...	10	14		...	...	218	444	
3520 Railway/tramway locomotives & rolling stock		...	2	-	-		...	3	-	-		...	16	-	13	
3530 Aircraft and spacecraft		...	2	2	5		...	207	180	291		...	1687	1605	3503	
359 Transport equipment n.e.c.		...	3	3	3		...	1098	1159	880		...	10734	12747	11481	
3591 Motorcycles		...	1	1	-		...	...	297	-		...	...	2152	-	
3592 Bicycles and invalid carriages		...	2	2	3		...	901	862	880		...	9382	10595	11481	
3599 Other transport equipment n.e.c.		...	-	-	-		...	-	-	-		...	-	-	-	
3610 Furniture		...	125	134	136		...	8890	9829	9489		...	62535	78266	93198	
369 Manufacturing n.e.c.		...	39	40	42		...	1476	1253	840		...	8598	8867	9237	
3691 Jewellery and related articles		...	5	4	7		...	324	315	170		...	1453	1722	2197	
3692 Musical instruments		...	1	1	1		...	...	10	9		...	...	134	178	
3693 Sports goods		...	2	3	3		...	116	130	113		...	...	1077	1054	
3694 Games and toys		...	7	7	5		...	154	141	116		...	597	861	737	
3699 Other manufacturing n.e.c.		...	24	25	26		...	871	657	432		...	6495	5073	5071	
3710 Recycling of metal waste and scrap		...	9	9	9		...	382	364	364		...	5636	5822	6131	
3720 Recycling of non-metal waste and scrap		...	2	...	1		...	21	6	21		...	36	...	62	
D Total manufacturing		1979	2546	2455	2796		265276	215883	223190	216805		1569843	1817773	2191688	2437659	

## Lithuania

ISIC Revision 3	Output in producers' prices					Value added					Gross fixed capital formation		
	Note	(thousand LITA)				Note	(thousand LITA)				(thousand LITA)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		768070	887289	944200	889392		...	...	...	...		...	...
1511 Processing/preserving of meat		631343	715123	747792	700154		...	...	...	...		...	...
1512 Processing/preserving of fish		68150	101648	101240	113155		...	...	...	...		...	...
1513 Processing/preserving of fruit & vegetables		38237	33381	51672	61555		...	...	...	...		...	...
1514 Vegetable and animal oils and fats		30340	37137	43496	14528		...	...	...	...		...	...
1520 Dairy products		1093936	1368259	1463124	1608818		...	...	...	...		...	...
153 Grain mill products; starches; animal feeds		476744	650024	682894	585602		...	...	...	...		...	...
1531 Grain mill products		241060	338742	353644	308093		...	...	...	...		...	...
1532 Starches and starch products		...	...	2658	9203		...	...	...	...		...	...
1533 Prepared animal feeds		234551	309798	326592	268306		...	...	...	...		...	...
154 Other food products		733283	962494	1050133	813979		...	...	...	...		...	...
1541 Bakery products		314590	379653	384380	410573		...	...	...	...		...	...
1542 Sugar		176539	268169	360045	105729		...	...	...	...		...	...
1543 Cocoa, chocolate and sugar confectionery		237326	288249	295288	219561		...	...	...	...		...	...
1544 Macaroni, noodles & similar products		-	...	3696	5138		...	...	...	...		...	...
1549 Other food products n.e.c.		4828	26377	6724	72978		...	...	...	...		...	...
155 Beverages		516956	598403	705748	717883		...	...	...	...		...	...
1551 Distilling, rectifying & blending of spirits		199480	229711	194424	148722		...	...	...	...		...	...
1552 Wines		147476	155610	167700	165976		...	...	...	...		...	...
1553 Malt liquors and malt		156018	196933	273068	310130		...	...	...	...		...	...
1554 Soft drinks; mineral waters		13982	16149	70556	93055		...	...	...	...		...	...
1600 Tobacco products		111137	...	208009	302803		...	...	...	...		...	...
171 Spinning, weaving and finishing of textiles		599734	673137	769695	779051		...	...	...	...		...	...
1711 Textile fibre preparation; textile weaving		595012	670721	764747	766177		...	...	...	...		...	...
1712 Finishing of textiles		4722	2416	4948	12874		...	...	...	...		...	...
172 Other textiles		42466	45986	57337	120179		...	...	...	...		...	...
1721 Made-up textile articles, except apparel		7985	9191	14918	23464		...	...	...	...		...	...
1722 Carpets and rugs		9297	...	7771	3730		...	...	...	...		...	...
1723 Cordage, rope, twine and netting		1110	1720	6287	5888		...	...	...	...		...	...
1729 Other textiles n.e.c.		24074	27788	28361	87097		...	...	...	...		...	...
1730 Knitted and crocheted fabrics and articles		290244	326484	332594	337947		...	...	...	...		...	...
1810 Wearing apparel, except fur apparel		527816	820789	1132550	1398975		...	...	...	...		...	...
1820 Dressing & dyeing of fur; processing of fur		52038	63205	70479	22355		...	...	...	...		...	...
191 Tanning, dressing and processing of leather		59490	66992	76760	78711		...	...	...	...		...	...
1911 Tanning and dressing of leather		48987	55181	66960	71266		...	...	...	...		...	...
1912 Luggage, handbags, etc.; saddlery & harness		10503	11811	9800	7445		...	...	...	...		...	...
1920 Footwear		119118	127179	131271	80052		...	...	...	...		...	...
2010 Sawmilling and planing of wood		57948	131164	211525	193978		...	...	...	...		...	...
202 Products of wood, cork, straw, etc.		203103	272737	281503	347470		...	...	...	...		...	...
2021 Veneer sheets, plywood, particle board, etc.		82390	114751	155009	149370		...	...	...	...		...	...
2022 Builders' carpentry and joinery		77622	96958	73083	114472		...	...	...	...		...	...
2023 Wooden containers		26007	31330	33242	49337		...	...	...	...		...	...
2029 Other wood products; articles of cork/straw		17084	29698	20169	34291		...	...	...	...		...	...
210 Paper and paper products		206796	210748	233365	203840		...	...	...	...		...	...
2101 Pulp, paper and paperboard		130556	139899	127622	116841		...	...	...	...		...	...
2102 Corrugated paper and paperboard		57819	43788	68124	53218		...	...	...	...		...	...
2109 Other articles of paper and paperboard		18421	27061	37619	33781		...	...	...	...		...	...
221 Publishing		84979	126600	244729	178679		...	...	...	...		...	...
2211 Publishing of books and other publications		35826	53185	53088	72635		...	...	...	...		...	...
2212 Publishing of newspapers, journals, etc.		42705	61975	165445	90320		...	...	...	...		...	...
2213 Publishing of recorded media		-	-	-	-		...	...	...	...		...	...
2219 Other publishing		6448	11440	26196	15724		...	...	...	...		...	...

continued

## Lithuania

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added				Gross fixed capital formation			
	Note	(thousand LITA)				Note	(thousand LITA)				(thousand LITA)	
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
222 Printing and related service activities		116352	159049	101832	229101	...	...	...	...	...	...	
2221 Printing		113891	155593	96792	220314	...	...	...	...	...	...	
2222 Service activities related to printing		2461	3456	5040	8787	...	...	...	...	...	...	
2230 Reproduction of recorded media		606	1152	896	1733	...	...	...	...	...	...	
2310 Coke oven products		-	-	-	-	...	...	...	...	...	...	
2320 Refined petroleum products		1788249	2579579	3308336	3170955	...	...	...	...	...	...	
2330 Processing of nuclear fuel		-	-	-	-	...	...	...	...	...	...	
241 Basic chemicals		731656	827604	765479	864169	...	...	...	...	...	...	
2411 Basic chemicals, except fertilizers		21959	11463	27432	35884	...	...	...	...	...	...	
2412 Fertilizers and nitrogen compounds		709697	816141	737630	827359	...	...	...	...	...	...	
2413 Plastics in primary forms; synthetic rubber		...	...	417	926	...	...	...	...	...	...	
242 Other chemicals		136799	173856	192102	204440	...	...	...	...	...	...	
2421 Pesticides and other agro-chemical products		-	-	-	-	...	...	...	...	...	...	
2422 Paints, varnishes, printing ink and mastics		1534	2906	6114	4849	...	...	...	...	...	...	
2423 Pharmaceuticals, medicinal chemicals, etc.		85620	114198	145358	127986	...	...	...	...	...	...	
2424 Soap, cleaning & cosmetic preparations		35030	37350	33941	34737	...	...	...	...	...	...	
2429 Other chemical products n.e.c.		14615	19402	6689	36868	...	...	...	...	...	...	
2430 Man-made fibres		...	...	229143	180253	...	...	...	...	...	...	
251 Rubber products		9995	12712	16437	12970	...	...	...	...	...	...	
2511 Rubber tyres and tubes		2975	4501	7442	4515	...	...	...	...	...	...	
2519 Other rubber products		7020	8211	8995	8455	...	...	...	...	...	...	
2520 Plastic products		71092	124131	159577	277794	...	...	...	...	...	...	
2610 Glass and glass products		93281	137689	113941	133066	...	...	...	...	...	...	
269 Non-metallic mineral products n.e.c.		379194	372096	421413	523129	...	...	...	...	...	...	
2691 Pottery, china and earthenware		9962	8920	9584	9445	...	...	...	...	...	...	
2692 Refractory ceramic products		...	...	3662	3972	...	...	...	...	...	...	
2693 Struct.non-refractory clay; ceramic products		87595	79178	79654	70400	...	...	...	...	...	...	
2694 Cement, lime and plaster		87178	101240	108148	140955	...	...	...	...	...	...	
2695 Articles of concrete, cement and plaster		186847	169954	191576	230292	...	...	...	...	...	...	
2696 Cutting, shaping & finishing of stone		2646	4018	3133	6522	...	...	...	...	...	...	
2699 Other non-metallic mineral products n.e.c.		4963	8779	25656	61543	...	...	...	...	...	...	
2710 Basic iron and steel		...	...	22027	19813	...	...	...	...	...	...	
2720 Basic precious and non-ferrous metals		317	4750	3787	1571	...	...	...	...	...	...	
273 Casting of metals		25225	28289	36582	45237	...	...	...	...	...	...	
2731 Casting of iron and steel		24605	27428	35499	44179	...	...	...	...	...	...	
2732 Casting of non-ferrous metals		620	861	1083	1058	...	...	...	...	...	...	
281 Struct.metal products;tanks;steam generators		41342	54191	75804	125224	...	...	...	...	...	...	
2811 Structural metal products		29067	35705	55033	106966	...	...	...	...	...	...	
2812 Tanks, reservoirs and containers of metal		11998	17967	20771	18205	...	...	...	...	...	...	
2813 Steam generators		...	...	-	53	...	...	...	...	...	...	
289 Other metal products; metal working services		105726	145205	178792	189135	...	...	...	...	...	...	
2891 Metal forging/pressing/stamping/roll-forming		16827	19401	23611	19637	...	...	...	...	...	...	
2892 Treatment & coating of metals		657	2384	2695	3969	...	...	...	...	...	...	
2893 Cutlery, hand tools and general hardware		22294	16434	24292	33137	...	...	...	...	...	...	
2899 Other fabricated metal products n.e.c.		65948	106986	128194	132392	...	...	...	...	...	...	
291 General purpose machinery		150581	165288	135370	169082	...	...	...	...	...	...	
2911 Engines & turbines(not for transport equip.)		1830	2338	276	37635	...	...	...	...	...	...	
2912 Pumps, compressors, taps and valves		64607	87673	62799	51007	...	...	...	...	...	...	
2913 Bearings, gears, gearing & driving elements		...	...	307	-	...	...	...	...	...	...	
2914 Ovens, furnaces and furnace burners		4563	3248	4777	10271	...	...	...	...	...	...	
2915 Lifting and handling equipment		26581	19967	10095	15232	...	...	...	...	...	...	
2919 Other general purpose machinery		53000	52062	57116	54937	...	...	...	...	...	...	

292	Special purpose machinery	92491	108253	111453	98864	...	...	...	...	...	...
2921	Agricultural and forestry machinery	45144	55974	50828	40362	...	...	...	...	...	...
2922	Machine tools	28626	29313	27562	21815	...	...	...	...	...	...
2923	Machinery for metallurgy	-	-	-	-	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	1773	3235	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	13971	15730	25587	24418	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	-	-	-	1711	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	-	-	...	...	...	...	...	...
2929	Other special purpose machinery	2101	4663	5703	7323	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	265908	197432	213638	203111	...	...	...	...	...	...
3000	Office, accounting and computing machinery	12511	16181	15160	17324	...	...	...	...	...	...
3110	Electric motors, generators and transformers	42353	44678	66064	30967	...	...	...	...	...	...
3120	Electricity distribution & control apparatus	27843	38232	52216	5952	...	...	...	...	...	...
3130	Insulated wire and cable	75624	151499	232992	287436	...	...	...	...	...	...
3140	Accumulators, primary cells and batteries	15160	7427	4616	4271	...	...	...	...	...	...
3150	Lighting equipment and electric lamps	3204	3779	3293	5594	...	...	...	...	...	...
3190	Other electrical equipment n.e.c.	8504	5825	1337	3461	...	...	...	...	...	...
3210	Electronic valves, tubes, etc.	288547	331062	314434	298469	...	...	...	...	...	...
3220	TV/radio transmitters; line comm. apparatus	26211	33165	23433	37945	...	...	...	...	...	...
3230	TV and radio receivers and associated goods	92811	110147	128687	140405	...	...	...	...	...	...
331	Medical, measuring, testing appliances, etc.	75392	86852	123286	192213	...	...	...	...	...	...
3311	Medical, surgical and orthopaedic equipment	19990	26031	31940	56292	...	...	...	...	...	...
3312	Measuring/testing/navigating appliances, etc.	55273	60775	91346	135868	...	...	...	...	...	...
3313	Industrial process control equipment	129	46	...	53	...	...	...	...	...	...
3320	Optical instruments & photographic equipment	700	1183	3	260	...	...	...	...	...	...
3330	Watches and clocks	-	-	-	-	...	...	...	...	...	...
3410	Motor vehicles	-	-	-	-	...	...	...	...	...	...
3420	Automobile bodies, trailers & semi-trailers	1109	2865	9425	13448	...	...	...	...	...	...
3430	Parts/accessories for automobiles	19585	23454	21291	5419	...	...	...	...	...	...
351	Building and repairing of ships and boats	128264	203243	224282	322685	...	...	...	...	...	...
3511	Building and repairing of ships	127579	202831	223782	321898	...	...	...	...	...	...
3512	Building/repairing of pleasure/sport. boats	...	...	500	787	...	...	...	...	...	...
3520	Railway/tramway locomotives & rolling stock	-	45	-	-	...	...	...	...	...	...
3530	Aircraft and spacecraft	1002	1818	2026	11158	...	...	...	...	...	...
359	Transport equipment n.e.c.	62064	82111	86114	75965	...	...	...	...	...	...
3591	Motorcycles	...	...	3500	-	...	...	...	...	...	...
3592	Bicycles and invalid carriages	58122	78942	82614	75965	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	-	-	-	-	...	...	...	...	...	...
3610	Furniture	252146	311439	349398	405307	...	...	...	...	...	...
369	Manufacturing n.e.c.	45678	45360	33545	29914	...	...	...	...	...	...
3691	Jewellery and related articles	2911	1533	1591	11596	...	...	...	...	...	...
3692	Musical instruments	...	...	316	223	...	...	...	...	...	...
3693	Sports goods	1019	1344	1934	1874	...	...	...	...	...	...
3694	Games and toys	1706	995	3992	4142	...	...	...	...	...	...
3699	Other manufacturing n.e.c.	39844	41242	25712	12079	...	...	...	...	...	...
3710	Recycling of metal waste and scrap	48312	39359	46883	38484	...	...	...	...	...	...
3720	Recycling of non-metal waste and scrap	49	68	...	121	...	...	...	...	...	...
D	Total manufacturing	11338876	14361249	16421010	17036159	...	...	...	...	...	...

## Lithuania

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
15 Food and beverages		...	...	...	...	...	...	...	...	...	...	...	...
16 Tobacco products		...	...	...	...	...	...	...	...	...	...	...	...
17 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
18 Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...	...
19 Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...	...
21 Paper and paper products		...	...	...	...	...	...	...	...	...	...	...	...
22 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
23 Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24 Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...	...
25 Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26 Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
27 Basic metals		...	...	...	...	...	...	...	...	...	...	...	...
28 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
29 Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
30 Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...	...
32 Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...	...
35 Other transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37 Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

## LUXEMBOURG

**Supplier of information:**

Service central de la statistique et des études économiques (STATEC), Luxembourg.

**Basic source of data:**

Survey of industrial production.

**Major deviations from ISIC (Revision 3):**

Data, originally compiled according to NACE (Revision 1), have been regrouped to correspond to ISIC (Rev. 3).

**Reference period (if not calendar year):****Scope:**

All enterprises included in the business register.

**Method of enumeration:**

Establishments with more than 50 employees or with a turnover of more than 280 million francs are completely enumerated, while for the other establishments a sample survey is carried out.

**Adjusted for non-response:**

Yes.

**Concepts and definitions of variables:**

Output corresponds to the turnover adjusted for changes in the value of stocks of finished goods and work in progress, less the acquisition of goods and services shipped in the same condition as received, plus the immobilised production and other operating incomes (excluding subsidies). Excluded are value added tax (VAT) invoiced to the client by the producer, and VAT deductible on purchase of raw materials and intermediate products. The valuation is at market prices.

Value added relates to the gross value of operating activities taking into account subsidies and indirect taxes. It is calculated as output, less the acquisition of goods and services and other taxes on products related to turnover but not deductible and taxes related to production. It excludes receipts and costs belonging to the business accounts under items 'financial receipts/charges' and 'exceptional receipts/charges'.

**Related national publications:**

Annuaire statistique, published by the Service central de la statistique et des études économiques (STATEC), Luxembourg.



Luxembourg

ISIC Revision 3	Number of establishments					Number of employees					Wages and salaries paid to employees				
	Note	(numbers)				Note	(numbers)				Note	(million FRANCS)			
		1994	1995	1996	1997a/		1994	1995	1996	1997a/		1994	1995	1996	1997a/
ISIC Industry															
15 Food and beverages		227	218	218	218		3641	3723	3733	3810		3192	3314	3371	3489
16 Tobacco products		...	...	...	...		...	...	...	...		...	...	...	...
17 Textiles		58	56	56	56		1025	1001	1052	1157		1887	1898	2103	2248
18 Wearing apparel, fur		...	...	...	...		...	...	...	...		...	...	...	...
19 Leather, leather products and footwear		...	...	...	...		...	...	...	...		...	...	...	...
20 Wood products (excl. furniture)		...	...	...	...		...	...	...	...		...	...	...	...
21 Paper and paper products		164	164	164	164		1926	1984	1989	2060		2412	2579	2646	2835
22 Printing and publishing		...	...	...	...		...	...	...	...		...	...	...	...
23 Coke, refined petroleum products, nuclear fuel		...	...	...	...		...	...	...	...		...	...	...	...
24 Chemicals and chemical products		20	20	20	20		1279	1302	1300	1417		1660	1692	1773	1923
25 Rubber and plastics products		23	21	21	21		3592	3714	3878	3917		5474	5789	5946	6092
26 Non-metallic mineral products		42	37	37	37		3054	2973	2890	2888		3327	3324	3248	3372
27 Basic metals		15	15	16	16		8108	7753	7113	6543		11149	11017	10225	10080
28 Fabricated metal products		147	147	147	147		3794	3961	3873	3865		4285	4680	4740	4952
29 Machinery and equipment n.e.c.		40	43	43	43		2992	2976	2981	3148		4207	4466	4494	4891
30 Office, accounting and computing machinery		60	64	64	64		1614	1760	1870	1935		1429	1588	1734	1907
31 Electrical machinery and apparatus		...	...	...	...		...	...	...	...		...	...	...	...
32 Radio, television and communication equipment		...	...	...	...		...	...	...	...		...	...	...	...
33 Medical, precision and optical instruments		...	...	...	...		...	...	...	...		...	...	...	...
34 Motor vehicles, trailers, semi-trailers		14	16	14	14		276	262	256	270		257	232	224	233
35 Other transport equipment		...	...	...	...		...	...	...	...		...	...	...	...
36 Furniture; manufacturing n.e.c.		95	92	92	92		494	725	794	882		399	614	692	792
37 Recycling		14	16	16	17		207	246	245	265		196	231	234	260
D Total manufacturing		919	909	908	909		32003	32379	31974	32158		39873	41423	41429	43073

a/ Data are provisional.

## Luxembourg

ISIC Revision 3		Output				Value added in factor values				Gross fixed capital formation			
		Note	(million FRANCS)				Note	(million FRANCS)				(million FRANCS)	
			1994	1995	1996	1997a/		1994	1995	1996	1997	1996	1997
ISIC Industry	Note					Note					Note		
15		20629	20844	21045	22136		6614	6591	6653	7057		...	...
16		...	...	...	...		...	...	...	...		...	...
17		14972	15088	13380	15456		7173	6363	5522	6650		...	...
18		...	...	...	...		...	...	...	...		...	...
19		...	...	...	...		...	...	...	...		...	...
20		...	...	...	...		...	...	...	...		...	...
21		9273	11002	10655	11974		4169	4695	4487	4986		...	...
22		...	...	...	...		...	...	...	...		...	...
23		...	...	...	...		...	...	...	...		...	...
24		15785	16134	17318	18970		5263	5266	5614	6086		...	...
25		26391	31028	31054	30659		10626	11714	11593	11559		...	...
26		17370	18467	17242	19998		7246	8632	7821	9221		...	...
27		75419	70499	63371	73602		14793	14691	12660	16832		...	...
28		26670	29342	27123	31397		7479	8025	7694	8701		...	...
29		13931	15304	15826	17743		5690	6106	6143	6680		...	...
30		4777	5848	6105	6450		2294	2582	2676	2823		...	...
31		...	...	...	...		...	...	...	...		...	...
32		...	...	...	...		...	...	...	...		...	...
33		...	...	...	...		...	...	...	...		...	...
34		1031	945	891	1134		387	370	347	442		...	...
35		...	...	...	...		...	...	...	...		...	...
36		1938	2901	3962	5685		722	1005	1044	1424		...	...
37		1312	1642	1505	1856		289	362	335	412		...	...
D		229499	239044	229477	257060		72744	76401	72589	82873		...	...

a/ Data are provisional.

Luxembourg

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
15 Food and beverages		...	...	...	100	102	104	102	105	104	103	103	105
16 Tobacco products		...	...	...	...	...	...	...	...	...	...	...	...
17 Textiles	a/	44	54	87	100	105	113	109	119	116	94	108	115
18 Wearing apparel, fur	a/	...	...	...	...	...	...	...	...	...	...	...	...
19 Leather, leather products and footwear	a/	...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)		84	90	90	100	106	90	96	102	94	170	231	341
21 Paper and paper products	b/	82	85	92	100	103	106	108	101	107	109	114	118
22 Printing and publishing	b/	...	...	...	...	...	...	...	...	...	...	...	...
23 Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24 Chemicals and chemical products		96	96	110	100	105	121	128	156	153	171	188	280
25 Rubber and plastics products		...	...	...	100	101	99	83	91	97	98	101	102
26 Non-metallic mineral products		72	75	97	100	100	106	94	112	112	114	124	124
27 Basic metals		...	...	...	100	98	93	92	91	84	78	86	75
28 Fabricated metal products		...	...	...	100	101	105	102	111	122	118	127	147
29 Machinery and equipment n.e.c.		...	...	...	100	104	89	85	86	90	111	97	112
30 Office, accounting and computing machinery	c/	...	...	...	100	83	83	82	91	108	109	125	130
31 Electrical machinery and apparatus	c/	...	...	...	...	...	...	...	...	...	...	...	...
32 Radio, television and communication equipment	c/	...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments	c/	...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers	d/	...	...	...	100	98	76	66	74	85	78	95	101
35 Other transport equipment	d/	...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture; manufacturing n.e.c.	d/	...	...	...	...	...	...	...	...	...	...	...	...
37 Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		86	93	101	100	100	99	94	100	101	101	107	117

a/ 17 includes 18 and 19.  
b/ 21 includes 22.  
c/ 30 includes 31, 32 and 33.  
d/ 34 includes 35 and 36.

## MALAWI

<p><b>Supplier of information:</b> National Statistical Office, Ministry of Economic Planning and Development, Zomba.</p> <p><b>Basic source of data:</b> Annual economic survey.</p> <p><b>Major deviations from ISIC (Revision 2):</b> Not reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Not reported.</p> <p><b>Method of enumeration:</b> The survey is carried out by mail.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b></p>
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## Malawi

ISIC Revision 2 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million KWACHA)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		20	20	20	20		12243	13287	13031	13215		148.2	187.6	210.1	285.9
3111 Slaughtering, preparing & preserving meat		1	1	1	1		283	274	294	316		3.6	3.2	3.5	3.9
3112 Dairy products		1	1	1	1		330	331	355	382		4.1	4.1	4.5	5.0
3113 Canning, preserving of fruits & vegetables		1	1	1	1		148	110	66	80		0.3	0.4	0.3	0.4
3114 Canning, preserving and processing of fish		...	...	...	...		...	...	...	...		...	...	...	...
3115 Vegetable and animal oils and fats		...	...	...	...		...	...	...	...		...	...	...	...
3116 Grain mill products		2	2	2	2		945	674	678	718		17.6	16.2	16.9	18.5
3117 Bakery products		7	7	7	7		1300	1500	1400	1700		13.9	22.7	32.2	49.9
3118 Sugar factories and refineries		2	2	2	2		8142	9000	8842	9021		103.2	135.4	142.2	180.5
3119 Cocoa, chocolate and sugar confectionery		1	1	1	1		95	98	96	96		0.3	0.4	0.4	0.6
3121 Other food products		5	5	5	5		1000	1300	1300	900		5.2	5.1	10.0	27.2
3122 Prepared animal feeds		...	...	...	...		...	...	...	...		...	...	...	...
313 Beverages		5	5	5	5		3579	3955	4866	4913		66.8	85.6	128.3	171.9
3131 Distilling, rectifying and blending spirits		1	1	1	1		89	95	121	119		2.7	2.9	4.0	5.3
3132 Wine industries		...	...	...	...		...	...	...	...		...	...	...	...
3133 Malt liquors and malt		3	3	3	3		1714	1871	2311	2274		29.2	39.7	54.7	73.0
3134 Soft drinks and carbonated waters		1	1	1	1		1776	1989	2434	2520		34.9	43.1	69.6	93.6
314 Tobacco		1	1	1	1		170	150	162	74		10.1	12.6	17.1	20.2
321 Textiles		7	7	7	7		4600	4900	3500	3500		42.3	55.5	30.0	33.6
3211 Spinning, weaving and finishing textiles		2	2	2	2		...	...	...	...		...	...	...	...
3212 Made-up textile goods excl. wearing apparel		3	3	3	3		...	...	...	...		...	...	...	...
3213 Knitting mills		1	1	1	1		...	...	...	...		...	...	...	...
3214 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	...	...
3215 Cordage, rope and twine		1	1	1	1		...	...	...	...		...	...	...	...
3219 Other textiles		...	...	...	...		...	...	...	...		...	...	...	...
322 Wearing apparel, except footwear		5	5	5	5		2800	3100	3900	3900		10.1	17.5	22.5	25.2
323 Leather and fur products		3	3	3	3		67	76	76	76		3.8	5.6	8.3	9.7
3231 Tanneries and leather finishing		1	1	1	1		46	52	46	46		3.7	5.5	8.2	9.6
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...	...	...
3233 Leather prods. excl. wearing apparel		1	1	1	1		21	24	30	30		0.1	0.1	0.1	0.1
324 Footwear, except rubber or plastic		1	1	1	1		375	421	375	375		7.6	9.4	11.7	13.1
331 Wood products, except furniture	a/	5	5	5	5	a/	2300	2500	2400	2900	a/	23.4	31.0	48.1	58.9
3311 Sawmills, planing and other wood mills		...	...	...	...		...	...	...	...		...	...	...	...
3312 Wooden and cane containers		...	...	...	...		...	...	...	...		...	...	...	...
3319 Other wood and cork products		...	...	...	...		...	...	...	...		...	...	...	...
332 Furniture and fixtures, excl. metal	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
341 Paper and products	b/	11	11	11	11	b/	2000	2300	2100	4800	b/	70.6	85.4	88.8	126.9
3411 Pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...	...	...
3412 Containers of paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
3419 Other pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...	...	...
342 Printing and publishing	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
351 Industrial chemicals	c/	3	3	3	3	c/	500	500	300	300	c/	12.5	12.8	25.4	35.6
3511 Basic chemicals excl. fertilizers		...	...	...	...		...	...	...	...		...	...	...	...
3512 Fertilizers and pesticides		...	...	...	...		...	...	...	...		...	...	...	...
3513 Synthetic resins and plastic materials		...	...	...	...		...	...	...	...		...	...	...	...
352 Other chemicals		13	13	13	13		1800	1800	1500	1600		56.7	70.4	85.6	120.8
3521 Paints, varnishes and lacquers		...	...	...	...		...	...	...	...		...	...	...	...
3522 Drugs and medicines		...	...	...	...		...	...	...	...		...	...	...	...
3523 Soap, cleaning preps., perfumes, cosmetics		...	...	...	...		...	...	...	...		...	...	...	...
3529 Other chemical products		...	...	...	...		...	...	...	...		...	...	...	...
353 Petroleum refineries		-	-	-	-		-	-	-	-		-	-	-	-

354 Misc. petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-	-	
355 Rubber products	5	5	5	5	500	600	600	600		7.9	11.5	15.0	15.0	
3551 Tyres and tubes	...	...	...	...	...	...	...	...		...	...	...	...	
3559 Other rubber products	...	...	...	...	...	...	...	...		...	...	...	...	
356 Plastic products	6	6	6	6	500	600	600	900		14.0	15.3	16.0	20.0	
361 Pottery, china, earthenware	-	-	-	-	-	-	-	-		-	-	-	-	
362 Glass and products	-	-	-	-	-	-	-	-		-	-	-	-	
369 Other non-metallic mineral products	2	2	2	2	1296	1445	782	707		15.6	19.3	22.2	42.3	
3691 Structural clay products	1	1	1	1	...	...	...	...		...	...	...	...	
3692 Cement, lime and plaster	1	1	1	1	...	...	...	...		...	...	...	...	
3699 Other non-metallic mineral products	...	...	...	...	...	...	...	...		...	...	...	...	
371 Iron and steel	-	-	-	-	-	-	-	-		-	-	-	-	
372 Non-ferrous metals	-	-	-	-	-	-	-	-		-	-	-	-	
381 Fabricated metal products	10	10	10	10	1800	2000	1200	1100		20.5	25.0	27.6	49.2	
3811 Cutlery, hand tools and general hardware	1	1	1	1	...	...	...	...		...	...	...	...	
3812 Furniture and fixtures primarily of metal	2	2	2	2	...	...	...	...		...	...	...	...	
3813 Structural metal products	1	1	1	1	...	...	...	...		...	...	...	...	
3819 Other fabricated metal products	6	6	6	6	...	...	...	...		...	...	...	...	
382 Non-electrical machinery	d/	5	5	5	d/	1100	1200	1500	1200	d/	25.0	30.3	51.3	51.5
3821 Engines and turbines	...	...	...	...	...	...	...	...		...	...	...	...	
3822 Agricultural machinery and equipment	...	...	...	...	...	...	...	...		...	...	...	...	
3823 Metal and wood working machinery	...	...	...	...	...	...	...	...		...	...	...	...	
3824 Other special industrial machinery	...	...	...	...	...	...	...	...		...	...	...	...	
3825 Office, computing and accounting machinery	...	...	...	...	...	...	...	...		...	...	...	...	
3829 Other non-electrical machinery & equipment	...	...	...	...	...	...	...	...		...	...	...	...	
383 Electrical machinery	c/	...	...	...	c/	...	...	...	...	c/	...	...	...	
3831 Electrical industrial machinery	...	...	...	...	...	...	...	...		...	...	...	...	
3832 Radio, television and communication equipm.	...	...	...	...	...	...	...	...		...	...	...	...	
3833 Electrical appliances and housewares	...	...	...	...	...	...	...	...		...	...	...	...	
3839 Other electrical apparatus and supplies	...	...	...	...	...	...	...	...		...	...	...	...	
384 Transport equipment	d/	...	...	...	d/	...	...	...	...	d/	...	...	...	
3841 Shipbuilding and repairing	...	...	...	...	...	...	...	...		...	...	...	...	
3842 Railroad equipment	...	...	...	...	...	...	...	...		...	...	...	...	
3843 Motor vehicles	...	...	...	...	...	...	...	...		...	...	...	...	
3844 Motorcycles and bicycles	...	...	...	...	...	...	...	...		...	...	...	...	
3845 Aircraft	...	...	...	...	...	...	...	...		...	...	...	...	
3849 Other transport equipment	...	...	...	...	...	...	...	...		...	...	...	...	
385 Professional and scientific equipment	-	-	-	-	-	-	-	-		-	-	-	-	
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...		...	...	...	...	
3852 Photographic and optical goods	...	...	...	...	...	...	...	...		...	...	...	...	
3853 Watches and clocks	...	...	...	...	...	...	...	...		...	...	...	...	
390 Other manufacturing industries	...	...	...	...	...	...	...	...		...	...	...	...	
3901 Jewellery and related articles	...	...	...	...	...	...	...	...		...	...	...	...	
3902 Musical instruments	...	...	...	...	...	...	...	...		...	...	...	...	
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...		...	...	...	...	
3909 Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...		...	...	...	...	
3 Total manufacturing	102	102	102	102	35630	38834	36892	40160		535.2	674.8	807.9	1079.9	

a/ 331 includes 332.  
b/ 341 includes 342.  
c/ 351 includes 383.  
d/ 382 includes 384.

Malawi

ISIC Revision 2 ISIC Industry	Output in factor values				Value added in factor values				Gross fixed capital formation				
	Note	(million KWACHA)				Note	(million KWACHA)				Note	(million KWACHA)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
311/2 Food products		471.6	665.5	715.3	810.7		559.2	409.6	396.0	571.1		1169.0	1354.7
3111 Slaughtering, preparing & preserving meat		...	...	...	...		12.3	18.8	29.8	44.9		21.2	31.2
3112 Dairy products		...	...	...	...		27.1	26.1	31.5	26.2		14.5	21.3
3113 Canning, preserving of fruits & vegetables		...	...	...	...		1.4	0.3	-0.6	-0.6		5.7	5.6
3114 Canning, preserving and processing of fish		...	...	...	...		...	...	...	...		...	...
3115 Vegetable and animal oils and fats		...	...	...	...		...	...	...	...		...	...
3116 Grain mill products		...	...	...	...		207.9	84.7	91.3	158.8		88.4	132.6
3117 Bakery products		...	...	...	...		60.2	50.3	60.4	71.2		79.5	121.5
3118 Sugar factories and refineries		...	...	...	...		198.2	197.3	91.2	140.5		934.9	1019.2
3119 Cocoa, chocolate and sugar confectionery		...	...	...	...		2.3	2.0	1.8	1.3		1.8	2.0
3121 Other food products		...	...	...	...		49.8	30.1	90.6	128.8		23.0	21.2
3122 Prepared animal feeds		...	...	...	...		...	...	...	...		...	...
313 Beverages		1121.4	1372.5	1979.6	2425.1		331.5	459.8	746.6	793.2		801.4	1341.6
3131 Distilling, rectifying and blending spirits		...	...	...	...		38.5	24.7	57.3	51.1		16.6	3.0
3132 Wine industries		...	...	...	...		...	...	...	...		...	...
3133 Malt liquors and malt		...	...	...	...		136.9	159.7	264.2	212.7		428.8	639.8
3134 Soft drinks and carbonated waters		...	...	...	...		156.2	275.5	425.1	529.4		356.1	698.8
314 Tobacco		180.9	255.8	320.1	357.8		53.3	30.6	69.3	54.7		32.4	23.3
321 Textiles		349.6	283.8	383.3	418.2		157.6	75.6	147.8	185.8		635.7	737.3
3211 Spinning, weaving and finishing textiles		...	...	...	...		...	...	...	...		...	...
3212 Made-up textile goods excl. wearing apparel		...	...	...	...		...	...	...	...		...	...
3213 Knitting mills		...	...	...	...		...	...	...	...		...	...
3214 Carpets and rugs		...	...	...	...		...	...	...	...		...	...
3215 Cordage, rope and twine		...	...	...	...		...	...	...	...		...	...
3219 Other textiles		...	...	...	...		...	...	...	...		...	...
322 Wearing apparel, except footwear		114.1	160.7	162.4	178.5		44.7	39.7	38.8	45.4		62.8	59.8
323 Leather and fur products		7.4	8.2	8.0	8.8		-0.3	0.4	0.9	1.0		1.2	1.2
3231 Tanneries and leather finishing		2.5	2.7	2.4	2.6		0.3	0.6	0.8	0.9		0.5	0.4
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...
3233 Leather prods. excl. wearing apparel		4.9	5.6	5.6	6.2		-0.6	-0.1	-	0.1		0.8	0.7
324 Footwear, except rubber or plastic		59.8	68.2	68.9	75.7		15.1	18.4	16.1	21.8		4.9	4.7
331 Wood products, except furniture	a/	124.4	155.1	181.2	209.9	a/	46.8	77.5	84.5	63.5	a/	89.9	113.0
3311 Sawmills, planing and other wood mills		...	...	...	...		...	...	...	...		...	...
3312 Wooden and cane containers		...	...	...	...		...	...	...	...		...	...
3319 Other wood and cork products		...	...	...	...		...	...	...	...		...	...
332 Furniture and fixtures, excl. metal	a/	...	...	...	...	a/	...	...	...	...	a/	...	...
341 Paper and products	b/	381.5	424.1	502.0	775.4	b/	101.4	57.7	158.4	211.7	b/	208.1	230.3
3411 Pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...
3412 Containers of paper and paperboard		...	...	...	...		...	...	...	...		...	...
3419 Other pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...
342 Printing and publishing	b/	...	...	...	...	b/	...	...	...	...	b/	...	...
351 Industrial chemicals	c/	330.2	497.0	624.9	677.8	c/	179.8	176.6	161.9	245.4	c/	114.1	153.2
3511 Basic chemicals excl. fertilizers		...	...	...	...		...	...	...	...		...	...
3512 Fertilizers and pesticides		...	...	...	...		...	...	...	...		...	...
3513 Synthetic resins and plastic materials		...	...	...	...		...	...	...	...		...	...
352 Other chemicals		809.1	985.7	1143.3	1505.9		220.2	198.8	190.6	260.0		183.0	273.6
3521 Paints, varnishes and lacquers		...	...	...	...		...	...	...	...		...	...
3522 Drugs and medicines		...	...	...	...		...	...	...	...		...	...
3523 Soap, cleaning preps., perfumes, cosmetics		...	...	...	...		...	...	...	...		...	...
3529 Other chemical products		...	...	...	...		...	...	...	...		...	...
353 Petroleum refineries		-	-	-	-		-	-	-	-		-	-

354 Misc. petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-
355 Rubber products	93.0	162.9	161.7	167.6	15.2	22.4	19.7	20.5	77.5	49.4	
3551 Tyres and tubes	....	....	....	....	....	....	....	....	....	....	
3559 Other rubber products	....	....	....	....	....	....	....	....	....	....	
356 Plastic products	156.1	203.4	227.7	250.2	50.5	60.2	87.1	104.4	104.8	112.2	
361 Pottery, china, earthenware	-	-	-	-	-	-	-	-	-	-	
362 Glass and products	-	-	-	-	-	-	-	-	-	-	
369 Other non-metallic mineral products	123.5	149.0	221.6	503.7	54.4	76.1	59.2	244.9	389.0	460.8	
3691 Structural clay products	....	....	....	....	....	....	....	....	....	....	
3692 Cement, lime and plaster	....	....	....	....	....	....	....	....	....	....	
3699 Other non-metallic mineral products	....	....	....	....	....	....	....	....	....	....	
371 Iron and steel	-	-	-	-	-	-	-	-	-	-	
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	
381 Fabricated metal products	168.0	193.0	276.7	575.5	82.1	99.6	79.9	278.6	415.2	491.7	
3811 Cutlery, hand tools and general hardware	....	....	....	....	....	....	....	....	....	....	
3812 Furniture and fixtures primarily of metal	....	....	....	....	....	....	....	....	....	....	
3813 Structural metal products	....	....	....	....	....	....	....	....	....	....	
3819 Other fabricated metal products	....	....	....	....	....	....	....	....	....	....	
382 Non-electrical machinery	d/ 134.0	161.5	174.7	190.2	d/ 44.3	61.4	60.7	147.5	d/ 64.8	64.8	
3821 Engines and turbines	....	....	....	....	....	....	....	....	....	....	
3822 Agricultural machinery and equipment	....	....	....	....	....	....	....	....	....	....	
3823 Metal and wood working machinery	....	....	....	....	....	....	....	....	....	....	
3824 Other special industrial machinery	....	....	....	....	....	....	....	....	....	....	
3825 Office, computing and accounting machinery	....	....	....	....	....	....	....	....	....	....	
3829 Other non-electrical machinery & equipment	....	....	....	....	....	....	....	....	....	....	
383 Electrical machinery	c/	....	....	....	c/	....	....	....	c/	....	
3831 Electrical industrial machinery	....	....	....	....	....	....	....	....	....	....	
3832 Radio, television and communication equipm.	....	....	....	....	....	....	....	....	....	....	
3833 Electrical appliances and housewares	....	....	....	....	....	....	....	....	....	....	
3839 Other electrical apparatus and supplies	....	....	....	....	....	....	....	....	....	....	
384 Transport equipment	d/	....	....	....	d/	....	....	....	d/	....	
3841 Shipbuilding and repairing	....	....	....	....	....	....	....	....	....	....	
3842 Railroad equipment	....	....	....	....	....	....	....	....	....	....	
3843 Motor vehicles	....	....	....	....	....	....	....	....	....	....	
3844 Motorcycles and bicycles	....	....	....	....	....	....	....	....	....	....	
3845 Aircraft	....	....	....	....	....	....	....	....	....	....	
3849 Other transport equipment	....	....	....	....	....	....	....	....	....	....	
385 Professional and scientific equipment	-	-	-	-	-	-	-	-	-	-	
3851 Prof. and scientific equipment n.e.c.	....	....	....	....	....	....	....	....	....	....	
3852 Photographic and optical goods	....	....	....	....	....	....	....	....	....	....	
3853 Watches and clocks	....	....	....	....	....	....	....	....	....	....	
390 Other manufacturing industries	....	....	....	....	....	....	....	....	....	....	
3901 Jewellery and related articles	....	....	....	....	....	....	....	....	....	....	
3902 Musical instruments	....	....	....	....	....	....	....	....	....	....	
3903 Sporting and athletic goods	....	....	....	....	....	....	....	....	....	....	
3909 Manufacturing industries, n.e.c.	....	....	....	....	....	....	....	....	....	....	
3 Total manufacturing	4624.6	5746.4	7151.4	9131.1	1955.8	1864.5	2317.5	3249.6	4353.8	5471.6	

a/ 331 includes 332.

b/ 341 includes 342.

c/ 351 includes 383.

d/ 382 includes 384.



Malawi

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products	a/	80	78	94	100	92	98	100	101	96	98	99	99
313 Beverages	a/	...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco	a/	...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles	b/	80	84	87	100	149	129	103	93	74	67	108	108
322 Wearing apparel, except footwear	b/	...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products	b/	...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic	b/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture	c/	96	108	103	100	98	96	85	87	104	98	...	...
332 Furniture and fixtures, excl. metal	c/	63	83	88	100	108	...	...	...	...	...	...	...
341 Paper and products	c/	...	...	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing	c/	...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		...	...	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		64	78	90	100	100	100	82	69	67	67	56	114
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		63	83	88	100	108	103	92	89	93	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

a/ 311/2 includes 313 and 314.

b/ 321 includes 322 and 324.

c/ 332 includes 341 and 342.

## MALAYSIA

<p><b>Supplier of information:</b> Jabatan Perangkaan (Department of Statistics), Kuala Lumpur.</p> <p><b>Basic source of data:</b> Annual Survey of Manufacturing Industries.</p> <p><b>Major deviations from ISIC (Revision 2):</b> Data collected under the national classification system have been reclassified by the national authorities to correspond approximately with ISIC (Rev. 2).</p> <p><b>Reference period (if not calendar year):</b> Basically, the calendar year. Some establishments, however, report for accounting years not coinciding with the calendar year.</p> <p><b>Scope:</b> Establishments registered under the Industrial Coordination Act (I.C.A.) 1975, with employment cut-off points differing from industry to industry.</p> <p><b>Method of enumeration:</b> For 1994, establishments are completely enumerated. Beginning 1995, data refer to overall estimates of the manufacturing sector based on a sample survey. The annual survey is conducted both by mail and through field contacts.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of employees</u> includes workers paid through labour contractors. <u>Wages and salaries</u> excludes payment in kind. <u>Output</u> includes gross revenues from goods shipped in the same condition as received.</p> <p><b>Related national publications:</b> Survey of Manufacturing Industries (annual); Industrial Surveys, Malaysia (annual); Annual Statistical Bulletin, Malaysia; Monthly Statistical Bulletin, all published by the Jabatan Perangkaan (Department of Statistics), Kuala Lumpur.</p>
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Malaysia

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million RINGGITS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
311/2 Food products		1406	3172	2976	3176		82.6	92.0	96.6	85.8		899.3	1083.7	1171.6	1239.8
3111 Slaughtering, preparing & preserving meat		22	52	49	53		3.0	3.7	3.4	3.4		29.7	39.0	43.2	43.0
3112 Dairy products		34	61	56	62		3.8	3.4	3.8	4.1		71.4	71.2	87.9	98.4
3113 Canning, preserving of fruits & vegetables		85	212	190	219		4.2	3.9	4.1	4.3		37.1	37.6	37.7	44.4
3114 Canning, preserving and processing of fish		58	120	144	134		7.3	7.6	7.6	7.9		48.9	53.0	63.9	65.8
3115 Vegetable and animal oils and fats		175	243	290	330		18.3	23.3	27.4	17.2		236.1	299.4	348.5	348.3
3116 Grain mill products		155	391	350	385		6.4	7.3	7.2	6.4		73.0	92.1	95.3	85.5
3117 Bakery products		379	1082	976	1004		17.4	18.9	19.6	17.2		135.1	170.4	181.6	184.0
3118 Sugar factories and refineries		6	5	6	6		2.8	2.7	2.6	2.7		50.8	51.8	47.4	49.4
3119 Cocoa, chocolate and sugar confectionery		41	67	73	81		4.4	5.0	5.3	5.6		49.5	65.6	68.3	72.2
3121 Other food products		387	851	764	821		11.6	12.7	12.6	14.0		118.1	149.1	142.3	185.0
3122 Prepared animal feeds		64	88	78	81		3.4	3.5	3.0	3.0		49.6	54.5	55.5	63.9
313 Beverages		53	104	111	121		4.2	4.9	5.0	5.5		75.2	87.0	95.9	110.8
3131 Distilling, rectifying and blending spirits	a/	14	20	22	21	a/	1.2	1.3	1.3	1.4	a/	33.5	34.9	40.6	42.6
3132 Wine industries		-	-	-	-		-	-	-	-		-	-	-	-
3133 Malt liquors and malt	a/	-	-	-	-	a/	-	-	-	-	a/	-	-	-	-
3134 Soft drinks and carbonated waters		39	84	89	100		3.0	3.6	3.7	4.1		41.7	52.1	55.3	68.2
314 Tobacco		26	289	278	274		4.6	15.8	13.2	10.9		63.3	90.0	100.3	99.5
321 Textiles		318	673	680	633		43.6	46.4	50.3	44.9		457.3	537.0	618.1	601.2
3211 Spinning, weaving and finishing textiles		150	310	277	271		25.3	27.7	29.2	27.3		274.2	330.7	373.1	393.2
3212 Made-up textile goods excl. wearing apparel		61	198	253	192		3.0	3.6	4.1	3.0		26.0	30.7	34.5	30.2
3213 Knitting mills		77	136	124	130		12.9	12.6	14.5	12.2		130.6	146.6	178.5	147.2
3214 Carpets and rugs		10	11	10	10		1.1	1.1	1.1	1.2		13.8	14.2	15.3	17.7
3215 Cordage, rope and twine		14	14	13	14		1.1	1.2	1.1	0.9		10.4	12.1	12.3	8.3
3219 Other textiles		6	4	9	10		0.2	0.2	0.3	0.3		2.3	2.7	4.4	4.6
322 Wearing apparel, except footwear		352	3606	2726	3265		65.5	72.8	59.0	61.3		555.9	648.0	559.9	654.8
323 Leather and fur products		49	100	74	87		3.5	2.9	2.9	2.4		29.2	29.4	28.4	26.2
3231 Tanneries and leather finishing		9	9	10	9		0.7	0.3	0.6	0.5		5.2	6.1	5.7	5.4
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	-	-
3233 Leather prods. excl. wearing apparel		40	91	64	78		2.8	2.6	2.3	1.9		24.0	23.3	22.7	20.8
324 Footwear, except rubber or plastic		20	144	108	161		1.7	2.5	2.6	2.2		15.8	24.0	27.3	24.8
331 Wood products, except furniture		917	1493	1508	1635		137.2	145.2	148.1	142.3		1110.4	1205.9	1274.8	1370.3
3311 Sawmills, planing and other wood mills		836	1176	1236	1322		133.1	139.7	143.3	136.8		1077.8	1158.8	1227.4	1313.5
3312 Wooden and cane containers		32	103	78	116		1.0	1.1	0.9	1.4		8.2	8.8	7.3	16.7
3319 Other wood and cork products		49	214	194	197		3.1	4.4	3.9	4.1		24.4	38.3	40.1	40.2
332 Furniture and fixtures, excl. metal		495	1620	1313	1614		32.8	41.7	40.0	39.1		270.2	375.6	390.6	434.0
341 Paper and products		175	285	303	338		19.5	22.6	24.1	22.9		243.2	292.4	337.2	351.8
3411 Pulp, paper and paperboard articles		16	27	35	24		2.9	4.2	4.0	4.2		51.8	62.9	61.8	69.1
3412 Containers of paper and paperboard		94	134	137	164		10.8	11.7	13.7	13.0		131.0	152.3	192.1	202.1
3419 Other pulp, paper and paperboard articles		65	124	131	150		5.8	6.6	6.4	5.7		60.4	77.2	83.3	80.6
342 Printing and publishing		291	889	933	1046		30.1	34.5	36.1	30.0		461.8	558.5	615.6	682.5
351 Industrial chemicals		120	150	207	184		12.3	12.7	14.5	15.0		307.7	351.0	470.3	488.4
3511 Basic chemicals excl. fertilizers		66	75	83	93		6.4	6.9	7.7	7.8		160.2	194.8	262.2	264.2
3512 Fertilizers and pesticides		25	30	51	42		2.1	2.2	2.0	2.7		63.6	67.1	65.9	82.2
3513 Synthetic resins and plastic materials		29	45	73	49		3.8	3.6	4.8	4.5		83.9	89.1	142.1	142.1
352 Other chemicals		164	415	351	427		15.9	18.7	19.3	19.7		265.5	313.0	366.8	402.8
3521 Paints, varnishes and lacquers		30	64	64	72		2.6	3.5	3.8	3.8		57.5	75.8	93.3	95.5
3522 Drugs and medicines		33	97	84	96		3.5	4.3	3.9	4.1		43.7	54.5	60.1	70.4
3523 Soap, cleaning preps., perfumes, cosmetics		32	67	62	73		3.9	4.1	4.8	5.3		83.3	85.5	101.0	120.1
3529 Other chemical products		69	187	141	186		5.9	6.8	6.8	6.5		81.0	97.2	112.4	116.9
353 Petroleum refineries		6	6	6	8		2.7	2.7	2.6	3.7		109.6	121.0	117.1	153.2

354 Misc. petroleum and coal products		35	39	32	33		1.2	1.4	1.0	1.5		23.7	28.7	27.0	35.0
355 Rubber products		366	526	467	596		69.0	74.6	69.1	70.6		664.1	806.6	833.2	978.0
3551 Tyres and tubes		57	70	67	77		6.6	7.9	8.1	7.3		117.4	141.4	164.2	178.2
3559 Other rubber products		309	456	400	519		62.4	66.7	61.0	63.3		546.7	665.2	669.0	799.8
356 Plastic products		509	1224	1065	1272		62.3	71.1	74.7	58.5		614.5	757.0	915.8	928.2
361 Pottery, china, earthenware		48	87	84	90		8.1	7.6	6.8	6.6		69.6	77.8	76.3	78.6
362 Glass and products		29	76	72	100		5.2	5.8	8.4	10.2		84.3	100.0	135.0	188.7
369 Other non-metallic mineral products		376	730	764	822		31.5	37.5	45.5	44.9		428.1	555.3	682.9	746.6
3691 Structural clay products		165	222	262	265		13.4	13.7	18.1	16.5		135.1	148.9	213.1	211.0
3692 Cement, lime and plaster		32	49	42	45		4.1	4.6	4.7	5.4		96.1	109.0	112.4	138.7
3699 Other non-metallic mineral products		179	459	460	512		14.0	19.2	22.7	23.0		196.9	297.4	357.4	396.9
371 Iron and steel		159	397	394	463		18.4	21.9	24.4	26.5		303.7	372.4	430.3	507.3
372 Non-ferrous metals		42	58	62	72		7.3	8.6	10.2	8.5		112.3	139.0	171.0	171.4
381 Fabricated metal products		642	2820	2320	2815		49.1	71.4	69.2	66.4		605.0	881.6	965.4	1096.7
3811 Cutlery, hand tools and general hardware		39	502	400	513		2.3	3.7	3.2	3.3		19.9	33.9	32.5	32.1
3812 Furniture and fixtures primarily of metal		45	99	92	111		3.8	4.3	4.3	5.3		35.3	45.4	56.1	63.0
3813 Structural metal products		220	1418	961	1175		8.9	18.3	13.6	11.1		129.2	228.0	189.3	256.2
3819 Other fabricated metal products		338	801	867	1016		34.1	45.1	48.1	46.7		420.6	574.3	687.5	745.4
382 Non-electrical machinery		512	1376	1246	1397		46.6	62.6	55.7	67.8		606.8	824.6	1180.6	1187.1
3821 Engines and turbines	b/	20	38	43	39	b/	1.1	1.2	1.9	0.8	b/	16.2	20.7	28.8	19.6
3822 Agricultural machinery and equipment	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
3823 Metal and wood working machinery	b/	23	43	53	68	b/	1.0	1.4	2.4	3.0	b/	11.7	17.3	41.6	65.3
3824 Other special industrial machinery		33	79	80	81		1.6	2.4	2.6	1.6		24.1	40.6	48.1	34.1
3825 Office, computing and accounting machinery		28	25	32	41		11.6	14.9	23.3	23.7		113.1	127.9	302.0	348.5
3829 Other non-electrical machinery & equipment		408	1191	1038	1168		31.3	42.7	25.5	38.7		441.7	618.1	760.1	719.6
383 Electrical machinery		609	851	884	1079		370.3	397.5	433.0	388.2		4185.4	4955.0	6123.6	6333.4
3831 Electrical industrial machinery		63	116	138	187		15.2	18.3	16.5	17.2		157.3	201.1	206.6	245.1
3832 Radio, television and communication equipm.		359	509	479	619		319.4	341.2	369.1	334.9		3611.1	4270.4	5280.9	5523.6
3833 Electrical appliances and housewares		17	34	40	42		3.3	3.8	4.3	5.4		53.9	69.0	78.8	110.1
3839 Other electrical apparatus and supplies		170	192	227	231		32.4	34.2	43.1	30.7		363.1	414.5	557.3	454.7
384 Transport equipment		330	501	509	539		43.5	50.0	55.1	55.6		611.4	752.1	885.2	1023.3
3841 Shipbuilding and repairing		84	148	139	144		7.6	8.2	7.4	7.5		126.1	145.1	142.7	155.6
3842 Railroad equipment	c/	8	7	6	10	c/	1.5	1.4	1.5	2.4	c/	25.4	32.8	36.4	49.9
3843 Motor vehicles		180	274	297	317		26.4	31.3	37.1	38.1		366.4	458.7	580.3	697.5
3844 Motorcycles and bicycles		58	72	67	68		8.0	9.1	9.1	7.6		93.5	115.5	125.8	120.2
3845 Aircraft	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
3849 Other transport equipment	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
385 Professional and scientific equipment		37	48	51	46		22.4	24.1	22.9	22.0		248.0	309.3	325.5	346.1
3851 Prof. and scientific equipment n.e.c.		12	17	22	22		4.5	4.5	4.7	4.9		59.4	71.7	77.2	82.5
3852 Photographic and optical goods		13	19	18	12		6.8	7.8	7.9	7.0		76.8	98.5	103.1	104.7
3853 Watches and clocks		12	12	11	12		11.1	11.8	10.3	10.1		111.8	139.1	145.2	158.9
390 Other manufacturing industries		242	772	680	736		20.2	19.4	23.0	20.8		182.0	189.9	245.8	240.6
3901 Jewellery and related articles		90	340	251	314		4.8	5.7	5.5	5.2		48.2	62.9	65.5	72.3
3902 Musical instruments	d/	26	23	20	26	d/	2.7	2.7	2.7	2.5	d/	22.2	25.7	27.3	27.2
3903 Sporting and athletic goods	d/	...	...	...	...	d/	...	...	...	...	d/	...	...	...	...
3909 Manufacturing industries, n.e.c.	d/	126	409	409	396	d/	12.7	11.0	14.8	13.1	d/	111.6	101.3	153.0	141.1
3 Total manufacturing		8328	22453	20204	23029		1211.3	1369.0	1432.2	1333.8		13603.3	16465.8	19171.4	20501.1

a/ 3131 includes 3133.  
b/ 3821 includes 3822.  
c/ 3842 includes 3845 and 3849.  
d/ 3902 includes 3903.

Malaysia

ISIC Revision 2 ISIC Industry	Output in factor values				Value added in factor values				Gross fixed capital formation				
	Note	(million RINGGITS)				Note	(million RINGGITS)				(million RINGGITS)		
		1994	1995	1996	1997		1994	1995	1996	1997	1996	1997	
311/2 Food products		25658.7	34164.9	34293.8	38825.6		3706.6	4998.9	4920.9	5028.2		1048	1339
3111 Slaughtering, preparing & preserving meat		449.6	558.3	603.1	701.3		134.3	154.6	138.1	140.8		52	60
3112 Dairy products		1418.4	1274.5	1614.6	1702.1		298.9	322.7	298.9	374.0		94	114
3113 Canning, preserving of fruits & vegetables		341.0	361.2	347.6	399.6		77.7	86.1	84.6	112.8		30	24
3114 Canning, preserving and processing of fish		750.2	827.7	940.8	966.8		180.7	209.1	202.7	172.0		41	29
3115 Vegetable and animal oils and fats		15675.9	22505.1	21689.4	25306.1		1495.8	2449.2	2152.6	2071.3		324	555
3116 Grain mill products		1398.9	1670.4	1798.1	1695.8		253.6	260.0	330.8	323.9		86	77
3117 Bakery products		1008.9	1329.8	1458.0	1377.5		362.3	461.3	503.5	499.8		140	127
3118 Sugar factories and refineries		1053.8	1150.8	1219.3	1265.9		207.4	195.4	241.2	225.9		42	87
3119 Cocoa, chocolate and sugar confectionery		736.0	881.7	956.3	984.2		170.3	197.5	224.0	207.7		73	94
3121 Other food products		1183.9	1726.9	1536.6	1968.6		309.5	401.1	456.1	573.4		109	122
3122 Prepared animal feeds		1642.1	1878.5	2130.0	2427.7		216.1	261.9	288.4	326.6		57	50
313 Beverages		1105.7	1313.1	1568.6	1746.5		431.9	467.6	571.8	622.9		132	233
3131 Distilling, rectifying and blending spirits	a/	389.5	452.1	515.3	573.0	a/	229.2	249.8	296.8	331.7	a/	56	39
3132 Wine industries		-	-	-	-		-	-	-	-		-	-
3133 Malt liquors and malt	a/	-	-	-	-	a/	-	-	-	-	a/	-	-
3134 Soft drinks and carbonated waters		716.2	861.0	1053.3	1173.5		202.7	217.8	275.0	291.2		76	194
314 Tobacco		1257.3	1462.1	1788.7	2066.3		487.7	698.1	805.4	974.0		303	260
321 Textiles		4741.2	5779.8	6310.4	6842.0		1595.4	1771.9	2071.9	2487.2		1213	1129
3211 Spinning, weaving and finishing textiles		3280.5	4109.1	4480.4	5216.6		1067.9	1185.5	1418.4	1895.7		1073	928
3212 Made-up textile goods excl. wearing apparel		131.4	148.8	176.4	158.4		59.9	66.9	74.3	67.8		12	16
3213 Knitting mills		1108.3	1282.6	1393.4	1225.6		379.2	421.2	474.4	423.3		99	161
3214 Carpets and rugs		110.8	119.2	122.1	126.3		39.6	42.5	46.5	44.1		21	13
3215 Cordage, rope and twine		69.5	80.3	77.5	46.2		29.4	35.0	28.5	19.0		5	-
3219 Other textiles		40.7	39.8	60.6	68.8		19.4	20.8	29.8	37.3		3	11
322 Wearing apparel, except footwear		3164.6	3386.4	3324.3	3828.9		979.8	1195.8	1107.7	1279.1		174	155
323 Leather and fur products		218.4	186.8	194.0	157.1		65.3	63.1	66.4	52.8		11	11
3231 Tanneries and leather finishing		47.8	52.2	53.8	47.2		12.0	13.0	14.1	12.7		1	7
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-
3233 Leather prods. excl. wearing apparel		170.6	134.6	140.2	109.9		53.3	50.1	52.3	40.1		10	4
324 Footwear, except rubber or plastic		72.6	136.0	148.7	142.5		27.4	54.6	59.2	49.6		11	7
331 Wood products, except furniture		10787.0	11227.2	12191.8	12571.1		3229.4	3383.5	3879.0	4044.5		1332	951
3311 Sawmills, planing and other wood mills		10529.3	10841.0	11840.7	12154.7		3152.0	3277.7	3777.9	3922.8		1309	930
3312 Wooden and cane containers		67.4	70.0	60.2	118.4		21.0	16.0	14.9	34.6		3	7
3319 Other wood and cork products		190.3	316.2	290.9	298.1		56.4	89.8	86.1	87.1		20	14
332 Furniture and fixtures, excl. metal		1800.1	2655.5	2885.6	3196.9		646.5	873.5	986.8	1115.9		277	309
341 Paper and products		2455.4	3308.8	3583.0	3343.0		826.0	1057.9	1213.8	1113.8		464	448
3411 Pulp, paper and paperboard articles		441.0	672.6	605.7	586.7		138.4	231.1	221.4	161.3		31	101
3412 Containers of paper and paperboard		1376.2	1824.9	2134.3	1917.1		455.1	561.5	704.6	647.9		335	251
3419 Other pulp, paper and paperboard articles		638.2	811.3	843.0	839.2		232.5	265.3	287.8	304.6		98	96
342 Printing and publishing		2579.2	3418.0	3715.9	4077.1		1325.1	1640.2	1856.7	2144.4		399	649
351 Industrial chemicals		8290.2	10709.5	12948.5	16597.1		2958.6	3418.0	4277.8	5249.1		1100	1579
3511 Basic chemicals excl. fertilizers		5040.0	6910.9	8677.6	11792.8		2148.8	2454.5	3161.7	4208.2		792	1135
3512 Fertilizers and pesticides		1126.6	1225.7	1159.7	1239.7		329.7	442.7	383.2	286.5		51	77
3513 Synthetic resins and plastic materials		2123.6	2572.9	3111.2	3565.1		480.1	520.8	732.8	754.4		257	367
352 Other chemicals		3158.0	3824.7	3935.3	4530.6		1088.1	1353.1	1298.4	1550.9		224	268
3521 Paints, varnishes and lacquers		793.2	1020.8	1205.1	1223.0		268.5	309.4	387.9	416.8		33	34
3522 Drugs and medicines		336.2	419.9	422.9	499.9		161.0	204.9	177.3	224.2		78	77
3523 Soap, cleaning preps., perfumes, cosmetics		1072.9	1167.1	947.8	1263.1		354.9	481.7	311.2	402.9		43	107
3529 Other chemical products		955.7	1216.9	1359.5	1544.7		303.7	357.1	422.0	507.0		70	50
353 Petroleum refineries		5010.7	5745.7	6759.6	8204.3		1221.9	1711.9	1808.8	2346.1		225	1033

354 Misc. petroleum and coal products		520.7	518.2	514.8	634.7		241.7	219.6	230.2	306.5		5	39
355 Rubber products		7299.3	9674.4	9780.4	9763.0		2091.2	2768.5	2883.9	3321.3		683	618
3551 Tyres and tubes		922.2	1135.7	1291.6	1292.4		388.2	436.7	554.1	589.0		208	172
3559 Other rubber products		6377.1	8538.7	8488.8	8470.6		1703.0	2331.8	2329.8	2732.3		475	446
356 Plastic products		4998.1	6338.3	7214.8	7199.1		1886.3	2273.3	2749.4	2764.4		841	584
361 Pottery, china, earthenware		285.4	339.7	318.4	347.8		158.7	173.6	172.9	189.7		24	12
362 Glass and products		967.4	1441.1	1660.6	2324.4		370.9	553.0	730.6	1081.0		708	285
369 Other non-metallic mineral products		4835.3	6273.0	7704.9	8492.8		2318.4	2580.9	2917.5	3122.1		1071	1893
3691 Structural clay products		827.6	972.8	1385.5	1488.4		454.6	519.9	720.8	759.8		461	439
3692 Cement, lime and plaster		2097.1	2048.1	2337.1	2680.0		1261.5	1078.8	981.2	1067.6		210	1051
3699 Other non-metallic mineral products		1910.6	3252.1	3982.3	4324.4		602.3	982.2	1215.4	1294.7		400	403
371 Iron and steel		7008.0	8321.7	9561.2	10146.1		923.1	864.1	1828.8	1846.2		655	1195
372 Non-ferrous metals		1970.0	2819.0	3041.5	3354.8		423.1	573.4	665.1	805.8		321	186
381 Fabricated metal products		6421.5	8545.5	9261.2	10220.4		2005.8	2500.7	2964.6	3207.1		1074	822
3811 Cutlery, hand tools and general hardware		148.9	250.9	196.4	213.3		49.4	92.1	66.1	74.1		20	17
3812 Furniture and fixtures primarily of metal		230.2	293.7	388.9	444.2		79.0	102.2	140.3	169.0		30	46
3813 Structural metal products		1392.6	1795.8	1467.5	2064.2		510.3	532.8	393.1	658.5		135	101
3819 Other fabricated metal products		4649.8	6205.1	7208.4	7498.7		1367.1	1773.6	2365.1	2305.4		889	658
382 Non-electrical machinery		8636.0	11587.7	15913.2	17940.8		2356.9	2990.7	3981.2	4735.6		1315	1274
3821 Engines and turbines	b/	114.4	202.3	200.3	183.5	b/	34.0	44.9	65.6	59.4	b/	6	5
3822 Agricultural machinery and equipment	b/	...	...	...	...	b/	...	...	...	...	b/	...	...
3823 Metal and wood working machinery	b/	67.3	171.9	350.3	478.3	b/	28.3	48.2	103.7	155.3	b/	26	49
3824 Other special industrial machinery	b/	181.0	314.6	340.5	303.5	b/	56.2	117.1	114.8	111.4	b/	18	27
3825 Office, computing and accounting machinery	b/	2398.7	3596.8	7210.4	9634.0	b/	342.2	413.6	1220.9	2070.6	b/	488	552
3829 Other non-electrical machinery & equipment	b/	5874.6	7302.1	7811.7	7341.6	b/	1896.2	2366.9	2476.2	2338.8	b/	777	641
383 Electrical machinery		69910.8	85498.7	94529.8	98473.0		14757.1	17253.9	21789.7	23765.2		6948	6805
3831 Electrical industrial machinery		1709.0	1939.7	1910.5	2422.2		582.8	678.0	606.2	801.9		89	97
3832 Radio, television and communication equipm.		62652.9	77030.5	84456.5	88379.1		12549.9	14833.7	19042.3	21011.7		6080	6147
3833 Electrical appliances and housewares		807.1	988.6	1147.5	1127.0		201.9	228.3	280.8	289.8		49	32
3839 Other electrical apparatus and supplies		4741.8	5539.9	7015.3	6544.7		1422.5	1513.0	1860.4	1651.8		730	529
384 Transport equipment		9750.2	13201.1	15874.3	17006.6		2360.2	3009.0	4471.7	4590.8		1127	1422
3841 Shipbuilding and repairing		1056.8	1333.2	1307.2	898.7		365.3	479.2	612.1	417.3		112	104
3842 Railroad equipment	c/	87.8	106.1	96.8	196.7	c/	56.6	74.5	66.0	87.2	c/	16	6
3843 Motor vehicles		6933.2	9732.5	12071.7	13593.9		1590.9	2000.2	3254.8	3500.3		640	1052
3844 Motorcycles and bicycles		1672.4	2029.3	2398.6	2317.2		347.4	455.1	538.8	586.0		359	260
3845 Aircraft	c/	...	...	...	...	c/	...	...	...	...	c/	...	...
3849 Other transport equipment	c/	...	...	...	...	c/	...	...	...	...	c/	...	...
385 Professional and scientific equipment		2570.8	3279.2	2651.0	2815.4		616.3	715.6	630.0	795.4		85	133
3851 Prof. and scientific equipment n.e.c.		330.2	396.9	399.5	386.5		149.2	174.1	159.0	151.1		36	25
3852 Photographic and optical goods		1237.7	1777.4	1388.7	1459.8		184.0	219.7	228.4	297.5		16	26
3853 Watches and clocks		1002.9	1104.9	862.8	969.1		283.1	321.8	242.6	346.7		33	82
390 Other manufacturing industries		1439.8	1767.2	1764.8	2281.7		432.6	464.7	598.0	583.6		105	117
3901 Jewellery and related articles		784.5	1048.2	846.4	1380.8		153.9	163.6	177.9	180.8		30	33
3902 Musical instruments	d/	139.8	157.5	172.2	187.5	d/	55.9	65.1	73.1	82.4	d/	12	32
3903 Sporting and athletic goods	d/	...	...	...	...	d/	...	...	...	...	d/	...	...
3909 Manufacturing industries, n.e.c.	d/	515.5	561.5	746.2	713.4	d/	222.8	236.0	347.0	320.4	d/	63	52
3 Total manufacturing		196912.4	246923.3	273439.1	297129.6		49532.0	59629.1	71538.4	79173.2		21875	23756

a/ 3131 includes 3133.  
b/ 3821 includes 3822.  
c/ 3842 includes 3845 and 3849.  
d/ 3902 includes 3903.

## Malaysia

ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
311/2 Food products	a/	...	82	94	100	97	103	109	118	125	137	146	141
313 Beverages	a/	...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco		80	92	94	100	101	96	90	89	90	97	116	106
321 Textiles		72	74	90	100	106	123	161	192	210	214	229	209
322 Wearing apparel, except footwear		75	83	96	100	100	105	106	102	101	98	100	101
323 Leather and fur products	b/	...	...	...	100	96	92	83	102	80	80	60	39
324 Footwear, except rubber or plastic	b/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		66	75	88	100	105	117	140	146	155	173	170	151
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		...	...	...	100	98	93	85	99	108	103	116	106
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals	c/	...	89	96	100	114	121	131	145	159	195	225	215
352 Other chemicals	c/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		79	84	88	100	106	110	119	135	153	172	188	166
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	d/	...	85	90	100	111	126	150	174	198	219	273	286
356 Plastic products	d/	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	e/	...	80	105	100	149	163	171	193	214	266	292	215
362 Glass and products	e/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	e/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	f/	...	76	89	100	111	131	148	170	192	225	254	180
372 Non-ferrous metals	f/	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		82	87	84	100	119	170	268	314	342	421	471	390
382 Non-electrical machinery		...	72	98	100	156	212	217	307	359	347	367	289
383 Electrical machinery		49	59	79	100	139	154	174	210	255	283	326	315
384 Transport equipment		31	54	76	100	117	110	114	136	185	227	259	124
385 Professional and scientific equipment		...	...	...	100	96	93	91	103	109	106	107	107
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

a/ 311/2 includes 313.

b/ 323 includes 324.

c/ 351 includes 352.

d/ 355 includes 356.

e/ 361 includes 362 and 369.

f/ 371 includes 372.

## MAURITIUS

<p><b>Supplier of information:</b> Central Statistical Office, Port-Louis.</p> <p><b>Basic source of data:</b> Annual census of industrial production.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Establishments with 10 or more persons engaged.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> <u>Wages and salaries</u> is compensation of employees. For sugar factories, it covers payments that are directly attributable to the manufacturing operation, as far as the apportionment of expenses between the plantation and the factory is possible.</p> <p><b>Related national publications:</b> Census of Industrial Production (infrequent); Digest of Industrial Statistics, both published by the Central Statistical Office, Port-Louis.</p>
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## Mauritius

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million RUPEES)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		114	107	109	114		12458	11193	10391	9538		980.2	941.8	1069.1	...
3111 Slaughtering, preparing & preserving meat		6	6	7	8		1288	1308	1222	1331		78.6	62.9	59.8	...
3112 Dairy products		6	6	6	6		318	282	256	251		26.1	35.2	39.9	...
3113 Canning, preserving of fruits & vegetables		5	5	6	7		399	401	387	395		25.3	24.6	22.7	...
3114 Canning, preserving and processing of fish		9	9	7	6		1372	1479	1351	1312		96.0	113.0	109.7	...
3115 Vegetable and animal oils and fats		3	3	3	3		434	420	431	413		53.9	61.0	52.7	...
3116 Grain mill products		2	1	1	2		137	116	116	130		17.4	19.1	20.8	...
3117 Bakery products		48	43	43	44		1205	1157	1103	1121		61.4	42.4	75.7	...
3118 Sugar factories and refineries		21	19	20	16		6171	5096	4403	4090		541.0	575.0	590.2	...
3119 Cocoa, chocolate and sugar confectionery		3	3	4	6		100	97	133	190		7.4	12.5	9.9	...
3121 Other food products		9	10	10	5		876	685	820	112		49.4	61.7	60.5	...
3122 Prepared animal feeds		2	2	2	3		158	152	169	193		23.7	24.9	27.2	...
313 Beverages		14	14	15	14		2573	2407	2613	2585		257.2	270.2	321.7	...
3131 Distilling, rectifying and blending spirits		6	6	7	6		298	270	440	392		48.3	50.1	50.1	...
3132 Wine industries		3	3	3	3		290	277	274	255		23.6	21.7	22.3	...
3133 Malt liquors and malt		1	1	1	1		468	473	485	507		70.5	75.5	85.1	...
3134 Soft drinks and carbonated waters		4	4	4	4		1517	1387	1414	1431		114.8	122.9	164.2	...
314 Tobacco		1	1	1	1		189	171	241	...		44.7	44.0	40.3	...
321 Textiles		46	48	52	50		4920	5212	4947	4830		296.4	349.9	387.0	...
3211 Spinning, weaving and finishing textiles		28	28	28	28		...	...	...	...		252.4	297.7	319.1	...
3212 Made-up textile goods excl. wearing apparel		16	17	20	18		...	...	...	...		34.1	40.4	55.8	...
3213 Knitting mills		-	1	2	2		...	...	...	...		-	-	-	...
3214 Carpets and rugs		1	1	1	1		...	...	...	...		2.9	2.7	3.0	...
3215 Cordage, rope and twine		1	1	-	-		...	...	...	...		-	-	-	...
3219 Other textiles		1	1	1	1		...	...	...	...		7.0	-	9.1	...
322 Wearing apparel, except footwear		367	350	332	352		68994	67454	...	64081		3231.0	3499.2	3757.7	...
323 Leather and fur products		11	11	10	9		1537	1491	1253	1072		68.2	75.6	63.8	...
3231 Tanneries and leather finishing		4	4	4	3		...	...	...	...		...	...	...	...
3232 Fur dressing and dyeing industries		-	-	-	-		...	...	...	...		...	...	...	...
3233 Leather prods. excl. wearing apparel		7	7	6	6		...	...	...	...		...	...	...	...
324 Footwear, except rubber or plastic		15	14	13	14		738	714	666	670		27.2	29.9	29.5	...
331 Wood products, except furniture		13	14	14	11		547	537	495	402		36.2	37.3	35.2	...
3311 Sawmills, planing and other wood mills		2	2	2	2		...	...	...	...		...	...	...	...
3312 Wooden and cane containers		-	-	-	-		...	...	...	...		...	...	...	...
3319 Other wood and cork products		11	12	12	9		...	...	...	...		...	...	...	...
332 Furniture and fixtures, excl. metal		33	32	29	32		1510	1315	...	1224		106.0	108.7	75.3	...
341 Paper and products		15	14	15	16		820	788	835	914		42.2	55.5	40.6	...
3411 Pulp, paper and paperboard articles		-	-	-	-		...	...	...	...		...	...	...	...
3412 Containers of paper and paperboard		7	7	8	8		...	...	...	...		...	...	...	...
3419 Other pulp, paper and paperboard articles		8	7	7	8		...	...	...	...		...	...	...	...
342 Printing and publishing		46	45	46	49		1781	1817	1874	2022		208.2	228.4	261.8	...
351 Industrial chemicals		8	8	7	8		536	561	550	561		73.0	68.9	84.1	...
3511 Basic chemicals excl. fertilizers		7	7	6	7		166	179	157	181		20.6	14.1	29.5	...
3512 Fertilizers and pesticides		1	1	1	1		370	382	393	380		50.4	54.1	54.6	...
3513 Synthetic resins and plastic materials		...	...	...	...		...	...	...	...		1.9	0.7	-	...
352 Other chemicals		21	20	22	24		1210	1298	1430	1483		123.7	154.5	143.9	...
3521 Paints, varnishes and lacquers		6	5	7	6		343	433	547	568		40.3	61.2	56.8	...
3522 Drugs and medicines		1	1	2	2		81	79	129	162		7.6	8.0	14.7	...
3523 Soap, cleaning preps., perfumes, cosmetics		6	7	8	8		514	525	588	553		60.6	76.2	59.9	...
3529 Other chemical products		8	7	5	8		272	261	166	200		15.2	9.0	12.5	...
353 Petroleum refineries		-	-	-	-		-	-	-	-		-	-	-	...

354 Misc. petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-	
355 Rubber products	11	10	10	9	316	265	223	229	19.2	17.9	15.9	...	
3551 Tyres and tubes	7	6	6	5	...	...	...	...	...	...	...	...	
3559 Other rubber products	4	4	4	4	...	...	...	...	...	...	...	...	
356 Plastic products	27	28	30	32	1084	1156	1081	1213	75.4	79.7	...	...	
361 Pottery, china, earthenware	2	2	2	2	49	63	56	47	2.6	3.1	3.5	...	
362 Glass and products	3	3	3	3	92	102	98	95	4.7	4.4	9.7	...	
369 Other non-metallic mineral products	33	32	29	33	1584	1553	...	...	178.0	174.0	168.3	...	
3691 Structural clay products	-	-	-	-	-	-	-	-	-	-	-	...	
3692 Cement, lime and plaster	1	...	...	...	99	...	...	...	5.8	4.8	5.2	...	
3699 Other non-metallic mineral products	32	32	29	33	1485	1553	-	-	172.2	169.2	163.1	...	
371 Iron and steel	a/	8	8	8	8	a/	507	523	520	584	48.0a/	53.1a/	64.0a/
372 Non-ferrous metals	a/	...	...	...	...	a/	...	...	...	...	...	...	...
381 Fabricated metal products	33	31	32	37	1452	1355	1420	1512	116.2	118.4	140.4	...	
3811 Cutlery, hand tools and general hardware	4	3	3	3	87	82	35	36	6.5	5.2	3.7	...	
3812 Furniture and fixtures primarily of metal	8	8	7	8	518	510	422	402	12.0	15.1	25.4	...	
3813 Structural metal products	9	8	6	9	322	308	233	422	40.0	35.2	42.3	...	
3819 Other fabricated metal products	12	12	16	17	525	455	730	652	57.7	62.9	69.0	...	
382 Non-electrical machinery	13	14	14	13	710	719	641	719	61.1	64.6	65.8	...	
3821 Engines and turbines	...	...	...	...	...	...	...	...	2.7	...	...	...	
3822 Agricultural machinery and equipment	3	3	2	2	...	...	78	78	8.1	6.9	7.0	...	
3823 Metal and wood working machinery	3	3	1	1	...	...	41	52	6.1	2.2	2.5	...	
3824 Other special industrial machinery	...	...	...	...	...	...	249	249	32.4	31.0	30.7	...	
3825 Office, computing and accounting machinery	...	1	2	...	...	...	...	...	1.4	8.6	9.1	...	
3829 Other non-electrical machinery & equipment	7	7	8	9	...	...	273	340	10.3	16.0	16.5	...	
383 Electrical machinery	18	19	18	17	883	654	615	555	65.8	66.4	51.6	...	
3831 Electrical industrial machinery	3	3	3	3	471	253	250	235	...	...	...	...	
3832 Radio, television and communication equipm.	3	3	4	5	86	81	80	127	7.5	8.7	9.2	...	
3833 Electrical appliances and housewares	1	1	1	-	14	14	14	-	...	...	...	...	
3839 Other electrical apparatus and supplies	11	12	10	9	312	306	271	193	58.3	57.7	42.4	...	
384 Transport equipment	10	9	9	11	683	572	456	426	42.9	41.8	37.4	...	
3841 Shipbuilding and repairing	2	1	1	2	96	80	76	86	10.9	11.7	14.5	...	
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	...	
3843 Motor vehicles	7	7	6	7	573	478	361	320	29.8	27.2	21.0	...	
3844 Motorcycles and bicycles	1	1	2	2	14	14	19	20	2.2	2.8	1.9	...	
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	...	
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	...	
385 Professional and scientific equipment	18	16	16	16	1780	1777	1475	1525	91.1	79.2	96.8	...	
3851 Prof. and scientific equipment n.e.c.	2	3	3	3	286	329	378	383	1.9	2.1	3.3	...	
3852 Photographic and optical goods	10	8	8	8	623	622	523	530	58.4	40.0	52.6	...	
3853 Watches and clocks	6	5	5	5	871	826	574	612	30.8	37.1	40.9	...	
390 Other manufacturing industries	47	46	46	51	3486	3657	3599	3829	184.7	166.7	208.4	...	
3901 Jewellery and related articles	21	19	21	25	1502	1572	1700	1864	105.3	80.3	85.3	...	
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	...	
3903 Sporting and athletic goods	2	...	...	...	36	...	...	...	4.2	1.6	1.9	...	
3909 Manufacturing industries, n.e.c.	24	27	25	26	1948	2085	1899	1965	75.2	84.8	121.2	...	
3 Total manufacturing	927	896	882	927	110439	107354	...	...	6383.8	6846.8	...	...	

a/ 371 includes 372.

## Mauritius

ISIC Revision 2 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(million RUPEES)				Note	(million RUPEES)				Note	(million RUPEES)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
311/2 Food products		11817.2	12252.8	...	...	2171.8	2149.6	...	...		...	...	
3111 Slaughtering, preparing & preserving meat		1095.1	878.0	719.9	...	165.6	135.2	128.9	...		...	...	
3112 Dairy products		232.5	276.3	325.5	...	72.6	88.4	148.3	...		...	...	
3113 Canning, preserving of fruits & vegetables		152.9	165.3	244.2	...	86.2	88.1	61.3	...		...	...	
3114 Canning, preserving and processing of fish		877.2	1068.1	1331.9	...	189.5	222.0	173.6	...		...	...	
3115 Vegetable and animal oils and fats		623.3	659.0	759.8	...	120.0	128.0	184.2	...		...	...	
3116 Grain mill products		602.4	656.4	604.6	...	215.5	150.7	168.0	...		...	...	
3117 Bakery products		319.2	329.7	468.2	...	114.0	117.3	165.9	...		...	...	
3118 Sugar factories and refineries		7120.0	8230.0	...	...	1010.0	1165.0	...	...		...	...	
3119 Cocoa, chocolate and sugar confectionery		43.2	69.9	56.7	...	19.7	23.4	21.4	...		...	...	
3121 Other food products		363.6	430.5	192.2	...	102.5	132.4	67.7	...		...	...	
3122 Prepared animal feeds		387.8	433.0	677.0	...	76.1	99.1	175.4	...		...	...	
313 Beverages		2170.6	2384.0	2765.5	...	1388.5	1458.0	1845.7	...		...	...	
3131 Distilling, rectifying and blending spirits		832.7	888.2	872.8	...	631.0	655.0	693.1	...		...	...	
3132 Wine industries		60.6	62.1	99.8	...	39.9	39.3	76.1	...		...	...	
3133 Malt liquors and malt		572.3	657.5	828.6	...	388.7	431.4	560.2	...		...	...	
3134 Soft drinks and carbonated waters		705.0	776.2	964.3	...	328.9	332.3	516.3	...		...	...	
314 Tobacco		923.0	1101.2	1306.0	...	706.9	861.6	1074.6	...		...	...	
321 Textiles		2936.4	3908.1	3626.5	...	894.8	1092.1	1198.8	...		...	...	
3211 Spinning, weaving and finishing textiles		2764.7	3586.0	3354.9	...	787.4	970.0	1055.8	...		...	...	
3212 Made-up textile goods excl. wearing apparel		85.0	177.7	158.3	...	69.5	72.2	102.3	...		...	...	
3213 Knitting mills		-	-	-	...	-	-	-	...		...	...	
3214 Carpets and rugs		28.2	25.2	31.3	...	21.8	12.9	12.7	...		...	...	
3215 Cordage, rope and twine		-	-	-	...	-	-	-	...		...	...	
3219 Other textiles		58.5	-	82.0	...	16.1	-	27.0	...		...	...	
322 Wearing apparel, except footwear		16323.5	18137.9	19752.7	...	5437.4	6439.3	7069.6	...		...	...	
323 Leather and fur products		298.3	293.8	192.6	...	98.4	107.1	99.5	...		...	...	
3231 Tanneries and leather finishing		...	...	...	...	...	...	...	...		...	...	
3232 Fur dressing and dyeing industries		...	...	...	...	...	...	...	...		...	...	
3233 Leather prods. excl. wearing apparel		...	...	...	...	...	...	...	...		...	...	
324 Footwear, except rubber or plastic		145.8	155.8	156.4	...	47.4	57.1	68.2	...		...	...	
331 Wood products, except furniture		112.0	136.5	132.3	...	42.3	55.5	42.4	...		...	...	
3311 Sawmills, planing and other wood mills		...	...	...	...	...	...	...	...		...	...	
3312 Wooden and cane containers		...	...	...	...	...	...	...	...		...	...	
3319 Other wood and cork products		...	...	...	...	...	...	...	...		...	...	
332 Furniture and fixtures, excl. metal		388.2	427.2	272.8	...	159.2	161.4	111.0	...		...	...	
341 Paper and products		356.9	392.3	250.1	...	151.8	148.6	...	...		...	...	
3411 Pulp, paper and paperboard articles		...	...	...	...	...	...	...	...		...	...	
3412 Containers of paper and paperboard		...	...	...	...	...	...	...	...		...	...	
3419 Other pulp, paper and paperboard articles		...	...	...	...	...	...	...	...		...	...	
342 Printing and publishing		880.3	1042.5	1102.7	...	400.9	501.5	496.3	...		...	...	
351 Industrial chemicals		614.7	642.8	577.1	...	206.4	211.9	321.3	...		...	...	
3511 Basic chemicals excl. fertilizers		136.1	143.5	115.0	...	40.2	40.0	175.5	...		...	...	
3512 Fertilizers and pesticides		470.1	488.0	461.9	...	163.2	168.6	145.8	...		...	...	
3513 Synthetic resins and plastic materials		8.5	11.3	-	...	3.0	3.3	-	...		...	...	
352 Other chemicals		1085.6	1273.3	1193.3	...	444.1	468.3	478.7	...		...	...	
3521 Paints, varnishes and lacquers		390.1	536.0	520.0	...	154.7	153.8	238.5	...		...	...	
3522 Drugs and medicines		43.3	38.5	63.3	...	12.4	10.8	31.9	...		...	...	
3523 Soap, cleaning preps., perfumes, cosmetics		544.9	631.6	534.4	...	251.7	283.1	174.5	...		...	...	
3529 Other chemical products		107.3	67.2	75.6	...	25.3	20.6	33.8	...		...	...	
353 Petroleum refineries		-	-	-	...	-	-	-	...		...	...	

354 Misc. petroleum and coal products	-	-	-	...	-	-	-	...	...
355 Rubber products	111.9	148.6	98.2	...	32.9	51.7	34.2	...	...
3551 Tyres and tubes	...	...	...	...	...	...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...	...
356 Plastic products	435.7	367.2	466.6	...	203.7	154.1	...	...	...
361 Pottery, china, earthenware	8.7	21.1	8.0	...	3.5	6.6	4.1	...	...
362 Glass and products	9.6	10.2	34.2	...	5.6	6.4	16.1	...	...
369 Other non-metallic mineral products	1340.3	1407.4	1331.3	...	484.1	657.0	608.5	...	...
3691 Structural clay products	-	-	-	...	-	-	-	...	...
3692 Cement, lime and plaster	13.1	15.7	16.6	...	6.1	7.7	8.5	...	...
3699 Other non-metallic mineral products	1327.2	1391.7	1313.6	...	478.0	649.2	600.0	...	...
371 Iron and steel	420.9a/	531.9a/	554.9a/	...	119.0a/	129.5a/	147.2a/	...	...
372 Non-ferrous metals	...a/	...a/	...a/	...	...a/	...a/	...a/	...	...
381 Fabricated metal products	527.6	517.8	584.2	...	203.1	229.3	332.8	...	...
3811 Cutlery, hand tools and general hardware	64.7	63.9	16.6	...	9.2	20.2	5.6	...	...
3812 Furniture and fixtures primarily of metal	43.0	51.0	90.7	...	15.2	21.2	36.1	...	...
3813 Structural metal products	166.2	116.7	155.0	...	56.4	55.6	169.1	...	...
3819 Other fabricated metal products	253.7	286.2	321.9	...	122.2	132.3	122.0	...	...
382 Non-electrical machinery	314.2	283.6	251.3	...	108.4	132.5	94.4	...	...
3821 Engines and turbines	12.7	-	-	...	5.7	-	-	...	...
3822 Agricultural machinery and equipment	37.3	37.7	-	...	16.8	15.0	-	...	...
3823 Metal and wood working machinery	28.0	9.6	-	...	12.6	4.3	-	...	...
3824 Other special industrial machinery	108.8	95.3	-	...	45.4	52.8	-	...	...
3825 Office, computing and accounting machinery	35.3	67.9	-	...	12.4	35.5	-	...	...
3829 Other non-electrical machinery & equipment	92.0	73.2	-	...	15.4	24.8	-	...	...
383 Electrical machinery	459.8	488.8	554.3	...	106.9	116.0	146.0	...	...
3831 Electrical industrial machinery	...	...	...	...	...	...	...	...	...
3832 Radio, television and communication equipm.	66.4	112.8	249.1	...	11.2	19.6	60.8	...	...
3833 Electrical appliances and housewares	...	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	393.4	376.0	305.2	...	95.7	96.4	85.2	...	...
384 Transport equipment	165.6	188.2	182.0	...	89.9	112.8	110.6	...	...
3841 Shipbuilding and repairing	68.1	85.6	78.2	...	51.4	66.5	63.0	...	...
3842 Railroad equipment	-	-	-	...	-	-	-	...	...
3843 Motor vehicles	74.4	81.5	74.6	...	36.2	41.4	43.3	...	...
3844 Motorcycles and bicycles	23.1	21.1	29.2	...	2.3	4.9	4.3	...	...
3845 Aircraft	-	-	-	...	-	-	-	...	...
3849 Other transport equipment	-	-	-	...	-	-	-	...	...
385 Professional and scientific equipment	521.5	403.2	394.3	...	206.3	152.0	200.9	...	...
3851 Prof. and scientific equipment n.e.c.	5.4	6.0	18.2	...	2.5	2.9	7.9	...	...
3852 Photographic and optical goods	397.6	344.6	264.9	...	168.0	112.5	124.0	...	...
3853 Watches and clocks	118.3	52.6	111.2	...	35.8	36.5	69.0	...	...
390 Other manufacturing industries	1251.0	853.7	951.1	...	322.8	308.9	440.9	...	...
3901 Jewellery and related articles	931.6	447.2	389.8	...	172.0	147.2	214.4	...	...
3902 Musical instruments	-	-	-	...	-	-	-	...	...
3903 Sporting and athletic goods	6.6	6.5	39.0	...	5.0	3.3	28.0	...	...
3909 Manufacturing industries, n.e.c.	312.5	400.0	522.3	...	145.8	158.4	198.5	...	...
3 Total manufacturing	43618.8	48313.3	...	...	14035.7	15968.4	...	...	...

a/ 371 includes 372.

## Mauritius

ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
311/2 Food products		111	102	91	100	98	103	91	80	86	94	99	101
313 Beverages		87	94	93	100	106	107	106	112	110	116	126	147
314 Tobacco		116	111	107	100	113	106	108	106	118	123	118	114
321 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	...	...	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		...	...	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		...	...	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

## MONGOLIA

<p><b>Supplier of information:</b> National Statistical Office of Mongolia, Ulan-Bator.</p> <p><b>Basic source of data:</b> Census of industrial establishments.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All establishments.</p> <p><b>Method of enumeration:</b> The inquiry is carried out through questionnaires.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> <u>Output</u> is different from the standard definition in the accounting of the value of the shipments and receipt from the sale of products. In the present accounting practice, products are shipped out, but not paid off from the stock of shipped products. Therefore, the calculation of the value of goods produced during the reference period on the shipment basis requires two types of stock adjustments: change in stock of shipped goods and change in stock of finished goods.</p> <p><b>Related national publications:</b> Report on the Census of Industrial Establishments, 1994, published by the National Statistical Office of Mongolia, Ulan-Bator, in co-operation with UNIDO.</p>
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## Mongolia

ISIC Revision 3 ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million TUGRIKS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		7	13	15	15		3957	1849	1746	1896		486.2	715.2	1003.3	1129.8
1511 Processing/preserving of meat		7	11	15	14		3957	1809	1746	1880		486.2	702.6	1003.3	1126.1
1512 Processing/preserving of fish		-	-	-	-		-	-	-	-		-	-	-	-
1513 Processing/preserving of fruit & vegetables		-	1	-	1		-	20	-	16		-	7.3	-	3.7
1514 Vegetable and animal oils and fats		-	1	-	-		-	20	-	-		-	5.3	-	-
1520 Dairy products		2	3	4	5		165	160	204	181		32.8	58.0	101.0	113.8
153 Grain mill products; starches; animal feeds		12	32	22	17		2063	2201	1850	1683		461.2	649.7	515.4	830.9
1531 Grain mill products		10	28	22	17		2011	2113	1850	1683		455.2	641.7	515.4	830.9
1532 Starches and starch products		-	-	-	-		-	-	-	-		-	-	-	-
1533 Prepared animal feeds		2	4	-	-		52	88	-	-		6.0	8.0	-	-
154 Other food products		91	67	66	94		4155	4197	4040	3418		941.5	1070.8	1594.8	1610.7
1541 Bakery products		88	62	66	94		4092	4117	4040	3418		921.3	1040.9	1594.8	1610.7
1542 Sugar		-	-	-	-		-	-	-	-		-	-	-	-
1543 Cocoa, chocolate and sugar confectionery		-	-	-	-		-	-	-	-		-	-	-	-
1544 Macaroni, noodles & similar products		-	2	-	-		-	20	-	-		-	3.4	-	-
1549 Other food products n.e.c.		3	3	-	-		63	60	-	-		20.0	26.5	-	-
155 Beverages		3	16	28	60		...	1126	1434	2357		268.1	515.2	948.6	1081.0
1551 Distilling, rectifying & blending of spirits		2	13	19	42		...	1104	1343	2060		268.0	511.6	907.4	1008.2
1552 Wines		-	-	1	1		-	-	26	170		-	-	6.7	13.0
1553 Malt liquors and malt		-	1	1	1		-	13	13	18		-	...	9.5	11.5
1554 Soft drinks; mineral waters		1	2	7	16		...	9	52	109		0.1	1.6	25.0	48.3
1600 Tobacco products		-	-	-	-		-	-	-	-		-	-	-	-
171 Spinning, weaving and finishing of textiles		6	6	11	20		1157	1158	856	1274		318.6	159.0	203.8	563.9
1711 Textile fibre preparation; textile weaving		6	6	11	20		1157	1158	856	1274		318.6	159.0	203.8	563.9
1712 Finishing of textiles		-	-	-	-		-	-	-	-		-	-	-	-
172 Other textiles		8	10	11	8		1951	2374	2887	1813		758.7	722.9	1140.4	895.8
1721 Made-up textile articles, except apparel		-	-	-	-		-	-	-	-		-	-	-	-
1722 Carpets and rugs		5	6	6	5		...	2227	2573	1713		647.7	641.2	1043.3	874.9
1723 Cordage, rope, twine and netting		-	-	-	-		-	-	-	-		-	-	-	-
1729 Other textiles n.e.c.		3	4	5	3		...	147	314	100		111.0	81.7	97.1	20.9
1730 Knitted and crocheted fabrics and articles		11	8	5	6		1606	2089	1635	1847		616.2	996.9	1124.3	1862.6
1810 Wearing apparel, except fur apparel		42	31	31	51		5976	4138	4696	5617		1216.6	1050.8	1337.7	1860.4
1820 Dressing & dyeing of fur; processing of fur		2	2	2	3		990	1002	366	793		270.6	459.0	215.2	193.6
191 Tanning, dressing and processing of leather		8	7	4	4		2347	559	248	164		44.0	109.9	69.5	45.3
1911 Tanning and dressing of leather		7	5	2	2		...	390	210	127		37.6	95.2	53.6	25.6
1912 Luggage, handbags, etc.; saddlery & harness		1	2	2	2		...	169	38	37		6.4	14.7	15.9	19.7
1920 Footwear		16	12	11	12		2506	562	321	483		228.3	85.6	164.8	177.9
2010 Sawmilling and planing of wood		26	23	16	12		4940	3892	2781	844		334.4	208.7	368.3	406.2
202 Products of wood, cork, straw, etc.		14	16	18	15		675	334	240	328		55.3	42.9	61.2	66.5
2021 Veneer sheets, plywood, particle board, etc.		-	-	-	-		-	-	-	-		-	-	-	-
2022 Builders' carpentry and joinery		1	-	-	-		...	-	-	-		4.2	-	-	-
2023 Wooden containers		1	2	2	-		...	40	39	-		9.6	2.3	14.3	-
2029 Other wood products; articles of cork/straw		12	14	16	15		...	294	201	328		41.5	40.6	46.9	66.5
210 Paper and paper products		-	-	-	-		-	-	-	-		-	-	-	-
2101 Pulp, paper and paperboard		-	-	-	-		-	-	-	-		-	-	-	-
2102 Corrugated paper and paperboard		-	-	-	-		-	-	-	-		-	-	-	-
2109 Other articles of paper and paperboard		-	-	-	-		-	-	-	-		-	-	-	-
221 Publishing		-	-	-	-		-	-	-	-		-	-	-	-
2211 Publishing of books and other publications		-	-	-	-		-	-	-	-		-	-	-	-
2212 Publishing of newspapers, journals, etc.		-	-	-	-		-	-	-	-		-	-	-	-
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		-	-	-	-
2219 Other publishing		-	-	-	-		-	-	-	-		-	-	-	-

222 Printing and related service activities	38	41	44	43	868	845	875	837	165.0	380.9	440.9	540.4
2221 Printing	38	41	44	43	868	845	875	837	165.0	380.9	440.9	540.4
2222 Service activities related to printing	-	-	-	-	-	-	-	-	-	-	-	-
2230 Reproduction of recorded media	-	-	-	-	-	-	-	-	-	-	-	-
2310 Coke oven products	-	-	-	-	-	-	-	-	-	-	-	-
2320 Refined petroleum products	-	-	-	-	-	-	-	-	-	-	-	-
2330 Processing of nuclear fuel	-	-	-	-	-	-	-	-	-	-	-	-
241 Basic chemicals	-	-	-	-	-	-	-	-	-	-	-	-
2411 Basic chemicals, except fertilizers	-	-	-	-	-	-	-	-	-	-	-	-
2412 Fertilizers and nitrogen compounds	-	-	-	-	-	-	-	-	-	-	-	-
2413 Plastics in primary forms; synthetic rubber	-	-	-	-	-	-	-	-	-	-	-	-
242 Other chemicals	12	14	10	15	551	709	629	694	249.1	213.5	153.8	358.5
2421 Pesticides and other agro-chemical products	-	-	-	-	-	-	-	-	-	-	-	-
2422 Paints, varnishes, printing ink and mastics	1	1	1	-	-	16	16	-	7.0	6.5	15.3	-
2423 Pharmaceuticals, medicinal chemicals, etc.	7	7	6	12	-	512	504	577	198.1	142.4	120.5	348.5
2424 Soap, cleaning & cosmetic preparations	4	6	3	3	-	181	109	117	44.0	64.6	18.0	10.0
2429 Other chemical products n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
2430 Man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
251 Rubber products	-	1	2	1	-	12	9	20	-	0.6	7.0	7.5
2511 Rubber tyres and tubes	-	-	-	-	-	-	-	-	-	-	-	-
2519 Other rubber products	-	1	2	1	-	12	9	20	-	0.6	7.0	7.5
2520 Plastic products	-	-	-	-	-	-	-	-	-	-	-	-
2610 Glass and glass products	2	-	-	-	-	-	-	-	0.5	-	-	-
269 Non-metallic mineral products n.e.c.	33	29	26	19	3631	3726	2831	2282	1133.7	614.9	743.4	948.6
2691 Pottery, china and earthenware	2	2	1	1	123	112	20	30	11.7	15.8	15.8	9.6
2692 Refractory ceramic products	-	-	-	-	-	-	-	-	-	-	-	-
2693 Struct.non-refractory clay; ceramic products	16	6	10	9	-	676	914	643	486.2	262.4	294.0	229.1
2694 Cement, lime and plaster	4	5	4	2	-	1779	894	1100	419.3	166.4	114.0	532.3
2695 Articles of concrete, cement and plaster	7	12	8	5	-	806	595	386	183.1	137.1	245.3	159.7
2696 Cutting, shaping & finishing of stone	3	3	2	1	-	231	305	20	20.6	8.1	36.7	5.4
2699 Other non-metallic mineral products n.e.c.	1	1	1	1	-	122	103	103	12.9	25.1	37.6	12.4
2710 Basic iron and steel	2	2	3	5	564	495	477	527	108.4	94.2	334.1	176.6
2720 Basic precious and non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
273 Casting of metals	-	1	-	-	-	20	-	-	-	8.5	-	-
2731 Casting of iron and steel	-	1	-	-	-	20	-	-	-	8.5	-	-
2732 Casting of non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
281 Struct.metal products;tanks;steam generators	2	3	7	5	149	142	213	165	22.1	40.6	93.0	25.8
2811 Structural metal products	2	3	7	5	149	142	213	165	22.1	40.6	93.0	25.8
2812 Tanks, reservoirs and containers of metal	-	-	-	-	-	-	-	-	-	-	-	-
2813 Steam generators	-	-	-	-	-	-	-	-	-	-	-	-
289 Other metal products; metal working services	4	1	-	-	90	18	-	-	28.7	4.0	-	-
2891 Metal forging/pressing/stamping/roll-forming	-	-	-	-	-	-	-	-	-	-	-	-
2892 Treatment & coating of metals	1	1	-	-	15	18	-	-	2.5	4.0	-	-
2893 Cutlery, hand tools and general hardware	-	-	-	-	-	-	-	-	-	-	-	-
2899 Other fabricated metal products n.e.c.	3	-	-	-	75	-	-	-	26.2	-	-	-
291 General purpose machinery	-	-	-	1	-	-	-	6	-	-	-	1.7
2911 Engines & turbines(not for transport equip.)	-	-	-	1	-	-	-	6	-	-	-	1.7
2912 Pumps, compressors, taps and valves	-	-	-	-	-	-	-	-	-	-	-	-
2913 Bearings, gears, gearing & driving elements	-	-	-	-	-	-	-	-	-	-	-	-
2914 Ovens, furnaces and furnace burners	-	-	-	-	-	-	-	-	-	-	-	-
2915 Lifting and handling equipment	-	-	-	-	-	-	-	-	-	-	-	-
2919 Other general purpose machinery	-	-	-	-	-	-	-	-	-	-	-	-
292 Special purpose machinery	1	2	2	1	128	127	122	57	14.8	4.9	16.1	31.3
2921 Agricultural and forestry machinery	-	-	-	-	-	-	-	-	-	-	-	-
2922 Machine tools	-	-	-	-	-	-	-	-	-	-	-	-
2923 Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-	-	-
2924 Machinery for mining & construction	-	-	-	-	-	-	-	-	-	-	-	-
2925 Food/beverage/tobacco processing machinery	1	2	2	-	128	127	122	-	14.8	4.9	16.1	-
2926 Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-	-	-
2927 Weapons and ammunition	-	-	-	-	-	-	-	-	-	-	-	-
2929 Other special purpose machinery	-	-	-	1	-	-	-	57	-	-	-	31.3
2930 Domestic appliances n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-

continued



## Mongolia

ISIC Revision 3 ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million TUGRIKS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		-	-	-	-		-	-	-	-		-	-	-	-
3110 Electric motors, generators and transformers		1	2	3	3		142	142	109	62		11.3	11.6	45.8	6.1
3120 Electricity distribution & control apparatus		-	-	-	-		-	-	-	-		-	-	-	-
3130 Insulated wire and cable		-	-	-	-		-	-	-	-		-	-	-	-
3140 Accumulators, primary cells and batteries		-	-	-	-		-	-	-	-		-	-	-	-
3150 Lighting equipment and electric lamps		-	1	-	-		-	30	-	-		-	14.3	-	-
3190 Other electrical equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3210 Electronic valves, tubes, etc.		-	-	-	-		-	-	-	-		-	-	-	-
3220 TV/radio transmitters; line comm. apparatus		5	8	3	1		22	200	81	9		38.2	60.8	22.1	2.6
3230 TV and radio receivers and associated goods		-	-	-	-		-	-	-	-		-	-	-	-
331 Medical, measuring, testing appliances, etc.		2	3	2	3		120	147	115	135		10.4	27.9	31.2	69.4
3311 Medical, surgical and orthopaedic equipment		1	2	2	3		90	117	115	135		8.6	21.4	31.2	69.4
3312 Measuring/testing/navigating appliances, etc.		1	1	-	-		30	30	-	-		1.8	6.5	-	-
3313 Industrial process control equipment		-	-	-	-		-	-	-	-		-	-	-	-
3320 Optical instruments & photographic equipment		1	1	1	1		7	7	6	4		1.2	1.6	1.0	0.3
3330 Watches and clocks		-	-	-	-		-	-	-	-		-	-	-	-
3410 Motor vehicles		-	-	-	-		-	-	-	-		-	-	-	-
3420 Automobile bodies, trailers & semi-trailers		-	-	-	-		10	10	-	-		-	-	-	-
3430 Parts/accessories for automobiles		18	6	6	1		345	346	108	2		88.1	52.2	52.7	0.9
351 Building and repairing of ships and boats		-	-	-	-		-	-	-	-		-	-	-	-
3511 Building and repairing of ships		-	-	-	-		-	-	-	-		-	-	-	-
3512 Building/repairing of pleasure/sport. boats		-	-	-	-		-	-	-	-		-	-	-	-
3520 Railway/tramway locomotives & rolling stock		1	1	1	1		90	87	99	99		34.9	52.2	82.5	113.5
3530 Aircraft and spacecraft		-	-	-	-		-	-	-	-		-	-	-	-
359 Transport equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3591 Motorcycles		-	-	-	-		-	-	-	-		-	-	-	-
3592 Bicycles and invalid carriages		-	-	-	-		-	-	-	-		-	-	-	-
3599 Other transport equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3610 Furniture		11	14	11	8		456	428	185	146		58.3	15.6	59.2	52.6
369 Manufacturing n.e.c.		76	10	11	44		554	532	422	1248		390.2	113.5	498.3	503.3
3691 Jewellery and related articles		1	1	2	3		149	135	148	114		36.8	66.6	79.3	80.7
3692 Musical instruments		1	-	-	-		-	-	-	-		31.7	-	-	-
3693 Sports goods		-	-	-	-		-	-	-	-		-	-	-	-
3694 Games and toys		-	-	-	-		-	-	-	-		-	-	-	-
3699 Other manufacturing n.e.c.		74	9	9	41		405	397	274	1134		321.7	46.9	419.0	422.6
3710 Recycling of metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
3720 Recycling of non-metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
D Total manufacturing		457	387	376	474		4551	33664	29585	28991		8387.4	8554.4	11429.4	13677.4

## Mongolia

ISIC Revision 3 ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Note	Gross fixed capital formation	
		(million TUGRIKS)					(million TUGRIKS)					(million TUGRIKS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
151 Processed meat, fish, fruit, vegetables, fats		10746.0	16174.2	13424.9	13963.5		1324.8	1858.6	3545.0	4664.7		8298.7	16083.3
1511 Processing/preserving of meat		10746.0	14993.7	13424.9	13950.9		1324.8	1789.5	3545.0	4657.5		8298.7	15312.9
1512 Processing/preserving of fish		-	-	-	-		-	-	-	-		-	-
1513 Processing/preserving of fruit & vegetables		-	31.8	-	12.6		-	21.0	-	7.2		-	770.4
1514 Vegetable and animal oils and fats		-	1148.7	-	-		-	48.1	-	-		-	-
1520 Dairy products		299.6	857.3	1297.0	1054.3		44.7	-17.6	456.9	75.1		4105.6	3383.8
153 Grain mill products; starches; animal feeds		16975.3	17821.6	18140.5	16902.9		2672.9	3972.1	4250.1	2562.6		3892.8	4993.8
1531 Grain mill products		16905.2	17643.4	18140.5	16902.9		2667.6	3912.7	4250.1	2562.6		3892.8	4993.8
1532 Starches and starch products		-	-	-	-		-	-	-	-		-	-
1533 Prepared animal feeds		70.1	178.2	-	-		5.3	59.4	-	-		-	-
154 Other food products		14127.8	17017.2	22576.4	17632.1		4482.9	4448.2	4959.6	3260.9		10322.5	8233.7
1541 Bakery products		13994.7	16378.8	22576.4	17632.1		4412.9	4347.3	4959.6	3260.9		10322.5	8233.7
1542 Sugar		-	-	-	-		-	-	-	-		-	-
1543 Cocoa, chocolate and sugar confectionery		-	-	-	-		-	-	-	-		-	-
1544 Macaroni, noodles & similar products		-	25.6	-	-		-	8.3	-	-		-	-
1549 Other food products n.e.c.		133.1	612.8	-	-		70.0	92.6	-	-		-	-
155 Beverages		3735.3	9379.5	11666.2	12707.2		1641.6	3316.6	4742.7	3945.2		5408.3	10394.5
1551 Distilling, rectifying & blending of spirits		3734.7	9358.8	11122.4	11597.6		1642.4	3314.0	4515.8	3409.4		4608.5	8958.9
1552 Wines		-	-	107.9	118.1		-	-	37.4	55.0		243.5	506.3
1553 Malt liquors and malt		-	12.7	126.0	135.9		-	-0.6	26.8	64.4		341.8	341.8
1554 Soft drinks; mineral waters		0.6	8.0	309.9	852.0		-0.8	3.2	162.7	416.3		214.5	587.5
1600 Tobacco products		-	-	-	-		-	-	-	-		-	-
171 Spinning, weaving and finishing of textiles		1171.8	3811.0	4356.7	7492.6		1171.8	759.1	1450.7	2090.7		1812.3	10789.9
1711 Textile fibre preparation; textile weaving		1171.8	3811.0	4356.7	7492.6		1171.8	759.1	1450.7	2090.7		1812.3	10789.9
1712 Finishing of textiles		-	-	-	-		-	-	-	-		-	-
172 Other textiles		4079.1	6501.0	7613.4	5543.3		1122.1	1852.8	1944.1	1474.9		5824.6	5094.1
1721 Made-up textile articles, except apparel		-	-	-	-		-	-	-	-		-	-
1722 Carpets and rugs		3408.4	5856.5	7028.6	5435.4		772.7	1522.2	1660.9	1460.2		5234.8	4621.4
1723 Cordage, rope, twine and netting		-	-	-	-		-	-	-	-		-	-
1729 Other textiles n.e.c.		670.7	644.5	584.8	109.7		349.4	330.6	283.2	14.7		589.8	472.7
1730 Knitted and crocheted fabrics and articles		26199.2	20077.8	25085.3	27334.9		22487.2	3910.9	10800.6	9196.9		33038.4	34922.1
1810 Wearing apparel, except fur apparel		5291.3	3657.3	4707.2	5917.3		1936.2	1720.6	2248.0	2739.9		4264.1	7856.0
1820 Dressing & dyeing of fur; processing of fur		2017.2	1981.1	1796.4	297.1		402.5	1062.0	826.8	-379.2		1012.7	1216.5
191 Tanning, dressing and processing of leather		960.5	697.7	431.9	1624.2		80.3	224.5	200.3	-100.4		116.2	11960.0
1911 Tanning and dressing of leather		879.4	613.8	350.0	1587.1		114.2	208.6	187.1	-56.2		87.6	11945.9
1912 Luggage, handbags, etc.; saddlery & harness		81.1	83.9	81.9	37.1		-33.9	15.9	13.2	-44.2		28.6	14.1
1920 Footwear		1825.4	1512.1	1484.9	1243.3		788.2	1149.6	600.8	749.6		1109.8	842.5
2010 Sawmilling and planing of wood		2169.5	2102.1	3015.7	2781.3		702.0	734.5	1094.3	796.0		1203.0	3641.2
202 Products of wood, cork, straw, etc.		463.9	280.5	1947.8	260.7		141.5	112.5	320.1	92.3		305.3	275.4
2021 Veneer sheets, plywood, particle board, etc.		-	-	-	-		-	-	-	-		-	-
2022 Builders' carpentry and joinery		31.9	-	-	-		14.9	-	-	-		-	-
2023 Wooden containers		91.5	106.8	122.3	-		31.2	37.2	42.2	-		15.3	-
2029 Other wood products; articles of cork/straw		340.5	173.7	1825.5	260.7		95.4	75.3	277.9	92.3		290.0	275.4
210 Paper and paper products		-	-	-	-		-	-	-	-		-	-
2101 Pulp, paper and paperboard		-	-	-	-		-	-	-	-		-	-
2102 Corrugated paper and paperboard		-	-	-	-		-	-	-	-		-	-
2109 Other articles of paper and paperboard		-	-	-	-		-	-	-	-		-	-
221 Publishing		-	-	-	-		-	-	-	-		-	-
2211 Publishing of books and other publications		-	-	-	-		-	-	-	-		-	-
2212 Publishing of newspapers, journals, etc.		-	-	-	-		-	-	-	-		-	-
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		-	-
2219 Other publishing		-	-	-	-		-	-	-	-		-	-

continued

## Mongolia

ISIC Revision 3		Output in producers' prices				Value added in producers' prices				Gross fixed capital formation			
		(million TUGRIKS)				(million TUGRIKS)				(million TUGRIKS)			
		Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997
ISIC Industry													
222 Printing and related service activities		1160.0	2782.0	3310.2	3546.3		326.6	834.2	1117.4	977.0		1842.9	3260.9
2221 Printing		1160.0	2782.0	3310.2	3546.3		326.6	834.2	1117.4	977.0		1842.9	3260.9
2222 Service activities related to printing		-	-	-	-		-	-	-	-		-	-
2230 Reproduction of recorded media		-	-	-	-		-	-	-	-		-	-
2310 Coke oven products		-	-	-	-		-	-	-	-		-	-
2320 Refined petroleum products		-	-	-	-		-	-	-	-		-	-
2330 Processing of nuclear fuel		-	-	-	-		-	-	-	-		-	-
241 Basic chemicals		-	-	-	-		-	-	-	-		-	-
2411 Basic chemicals, except fertilizers		-	-	-	-		-	-	-	-		-	-
2412 Fertilizers and nitrogen compounds		-	-	-	-		-	-	-	-		-	-
2413 Plastics in primary forms; synthetic rubber		-	-	-	-		-	-	-	-		-	-
242 Other chemicals		1696.5	2187.7	2755.7	3241.3		658.8	724.9	920.7	1147.1		2112.7	3421.5
2421 Pesticides and other agro-chemical products		-	-	-	-		-	-	-	-		-	-
2422 Paints, varnishes, printing ink and mastics		98.7	78.9	76.7	-		44.5	36.6	21.1	-		21.0	-
2423 Pharmaceuticals, medicinal chemicals, etc.		997.1	1150.4	2140.7	2889.1		457.9	495.2	804.2	1084.0		1242.8	2544.8
2424 Soap, cleaning & cosmetic preparations		600.7	958.5	538.3	352.2		156.4	193.1	95.4	63.1		848.9	855.7
2429 Other chemical products n.e.c.		-	-	-	-		-	-	-	-		-	-
2430 Man-made fibres		-	-	-	-		-	-	-	-		-	-
251 Rubber products		-	6.5	40.8	12.2		-	1.1	11.4	2.5		46.9	3.1
2511 Rubber tyres and tubes		-	-	-	-		-	-	-	-		-	-
2519 Other rubber products		-	6.5	40.8	12.2		-	1.1	11.4	2.5		46.9	3.1
2520 Plastic products		-	-	-	-		-	-	-	-		-	-
2610 Glass and glass products		7.4	-	-	-		0.5	-	-	-		-	-
269 Non-metallic mineral products n.e.c.		7689.8	7937.8	9269.7	7763.7		2229.8	1708.8	3563.7	1656.6		21827.5	20395.9
2691 Pottery, china and earthenware		71.0	72.3	56.3	38.9		24.8	24.5	21.5	14.7		125.7	124.7
2692 Refractory ceramic products		-	-	-	-		-	-	-	-		-	-
2693 Struct.non-refractory clay; ceramic products		2785.9	1418.7	1672.0	1066.7		798.8	590.2	711.4	276.9		1162.1	2176.6
2694 Cement, lime and plaster		3186.0	3814.2	5318.0	5026.9		976.3	240.6	2043.3	822.2		14995.8	15047.1
2695 Articles of concrete, cement and plaster		1434.7	2286.6	1976.8	1477.4		383.7	764.2	734.1	518.0		5183.8	2899.1
2696 Cutting, shaping & finishing of stone		151.3	221.8	98.2	38.5		31.5	49.2	6.1	9.7		203.3	-
2699 Other non-metallic mineral products n.e.c.		60.9	124.2	148.4	115.4		14.7	40.1	47.3	15.0		156.8	156.4
2710 Basic iron and steel		2233.1	1633.7	3971.8	5038.8		74.6	-461.7	-466.2	108.0		29835.2	28359.5
2720 Basic precious and non-ferrous metals		-	-	-	-		-	-	-	-		-	-
273 Casting of metals		-	42.1	-	-		-	15.7	-	-		-	-
2731 Casting of iron and steel		-	42.1	-	-		-	15.7	-	-		-	-
2732 Casting of non-ferrous metals		-	-	-	-		-	-	-	-		-	-
281 Struct.metall products;tanks;steam generators		60.5	118.8	547.8	293.4		26.1	-27.5	194.6	70.0		1124.4	1220.9
2811 Structural metal products		60.5	118.8	547.8	293.4		26.1	-27.5	194.6	70.0		1124.4	1220.9
2812 Tanks, reservoirs and containers of metal		-	-	-	-		-	-	-	-		-	-
2813 Steam generators		-	-	-	-		-	-	-	-		-	-
289 Other metal products; metal working services		302.4	15.6	-	-		84.1	7.6	-	-		-	-
2891 Metal forging/pressing/stamping/roll-forming		-	-	-	-		-	-	-	-		-	-
2892 Treatment & coating of metals		11.7	15.6	-	-		5.1	7.6	-	-		-	-
2893 Cutlery, hand tools and general hardware		-	-	-	-		-	-	-	-		-	-
2899 Other fabricated metal products n.e.c.		290.7	-	-	-		79.0	-	-	-		-	-
291 General purpose machinery		-	-	-	-		-	-	-	10.0		-	12.5
2911 Engines & turbines(not for transport equip.)		-	-	-	-		-	-	-	10.0		-	12.5
2912 Pumps, compressors, taps and valves		-	-	-	-		-	-	-	-		-	-
2913 Bearings, gears, gearing & driving elements		-	-	-	-		-	-	-	-		-	-
2914 Ovens, furnaces and furnace burners		-	-	-	-		-	-	-	-		-	-
2915 Lifting and handling equipment		-	-	-	-		-	-	-	-		-	-
2919 Other general purpose machinery		-	-	-	-		-	-	-	-		-	-

292 Special purpose machinery	72.1	229.1	195.4	152.2	35.8	34.1	64.8	59.2	408.5	337.1
2921 Agricultural and forestry machinery	-	-	-	-	-	-	-	-	-	-
2922 Machine tools	-	-	-	-	-	-	-	-	-	-
2923 Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-
2924 Machinery for mining & construction	-	-	-	-	-	-	-	-	-	-
2925 Food/beverage/tobacco processing machinery	72.1	229.1	195.4	-	35.8	34.1	64.8	-	408.5	-
2926 Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-
2927 Weapons and ammunition	-	-	-	-	-	-	-	-	-	-
2929 Other special purpose machinery	-	-	-	152.2	-	-	-	59.2	-	337.1
2930 Domestic appliances n.e.c.	-	-	-	-	-	-	-	-	-	-
3000 Office, accounting and computing machinery	-	-	-	-	-	-	-	-	-	-
3110 Electric motors, generators and transformers	106.6	215.2	105.9	89.2	34.5	98.7	-50.7	53.6	60.3	156.5
3120 Electricity distribution & control apparatus	-	-	-	-	-	-	-	-	-	-
3130 Insulated wire and cable	-	-	-	-	-	-	-	-	-	-
3140 Accumulators, primary cells and batteries	-	-	-	-	-	-	-	-	-	-
3150 Lighting equipment and electric lamps	-	87.3	-	-	-	98.7	-	-	-	-
3190 Other electrical equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3210 Electronic valves, tubes, etc.	-	-	-	-	-	-	-	-	-	-
3220 TV/radio transmitters; line comm. apparatus	353.4	1555.4	104.6	15.3	123.5	582.9	35.8	5.2	117.5	5.9
3230 TV and radio receivers and associated goods	-	-	-	-	-	-	-	-	-	-
331 Medical, measuring, testing appliances, etc.	287.2	598.0	1044.3	1038.6	39.5	190.1	667.6	573.8	1961.7	2111.7
3311 Medical, surgical and orthopaedic equipment	270.1	551.7	1044.3	1038.6	34.7	179.9	667.6	573.8	1961.7	2111.7
3312 Measuring/testing/navigating appliances, etc.	17.1	46.3	-	-	4.8	10.2	-	-	-	-
3313 Industrial process control equipment	-	-	-	-	-	-	-	-	-	-
3320 Optical instruments & photographic equipment	6.2	6.7	3.9	3.0	1.6	2.8	1.4	1.6	0.1	-
3330 Watches and clocks	-	-	-	-	-	-	-	-	-	-
3410 Motor vehicles	-	-	-	-	-	-	-	-	-	-
3420 Automobile bodies, trailers & semi-trailers	-	-	-	-	-	3.8	-	-	-	-
3430 Parts/accessories for automobiles	605.7	347.0	119.6	6.1	275.2	96.7	-1.6	4.2	638.6	639.4
351 Building and repairing of ships and boats	-	-	-	-	-	-	-	-	-	-
3511 Building and repairing of ships	-	-	-	-	-	-	-	-	-	-
3512 Building/repairing of pleasure/sport. boats	-	-	-	-	-	-	-	-	-	-
3520 Railway/tramway locomotives & rolling stock	163.7	282.6	471.0	523.8	-	96.3	174.8	76.5	149.7	167.7
3530 Aircraft and spacecraft	-	-	-	-	-	-	-	-	-	-
359 Transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3591 Motorcycles	-	-	-	-	-	-	-	-	-	-
3592 Bicycles and invalid carriages	-	-	-	-	-	-	-	-	-	-
3599 Other transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3610 Furniture	304.9	398.2	267.0	248.8	133.4	86.5	81.0	24.2	1278.4	2163.2
369 Manufacturing n.e.c.	4461.2	1239.9	3241.2	4973.5	1738.1	284.1	690.8	1339.1	6086.6	1008.8
3691 Jewellery and related articles	1034.0	895.3	1019.2	802.4	555.7	166.1	248.3	232.7	210.3	533.6
3692 Musical instruments	333.5	-	-	-	183.6	-	-	-	-	-
3693 Sports goods	-	-	-	-	-	-	-	-	-	-
3694 Games and toys	-	-	-	-	-	-	-	-	-	-
3699 Other manufacturing n.e.c.	3093.7	344.6	2222.0	4171.0	998.8	118.0	442.5	1106.4	5876.3	475.2
3710 Recycling of metal waste and scrap	-	-	-	-	-	-	-	-	-	-
3720 Recycling of non-metal waste and scrap	-	-	-	-	-	-	-	-	-	-
D Total manufacturing	111752.3	121565.8	142993.3	141699.1	44838.5	29406.3	44445.8	37277.6	148205.4	182951.4

## Mongolia

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		104	107	110	100	75	48	41	36	43	32	30	30
16	Tobacco products		...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles		100	99	112	100	84	76	54	38	53	61	49	52
18	Wearing apparel, fur		97	98	111	100	89	39	19	17	41	25	33	28
19	Leather, leather products and footwear		89	92	96	100	66	48	31	27	13	6	2	2
20	Wood products (excl. furniture)		121	120	122	100	72	46	41	32	44	49	32	32
21	Paper and paper products		...	...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing		107	112	116	100	102	70	71	79	104	58	85	152
23	Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products		87	103	106	100	89	83	74	68	70	68	67	72
25	Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products		100	105	105	100	66	50	39	48	61	68	53	45
27	Basic metals		117	119	118	100	77	101	34	50	102	95	171	146
28	Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		100	103	107	100	76	55	42	37	41	37	34	30

## MOROCCO

<p><b>Supplier of information:</b> Direction de la statistique, Ministère de la Prévision Economique et du Plan, Rabat.</p> <p><b>Basic source of data:</b> Industrial survey.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All establishments.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> <u>Wages and salaries</u> is compensation of employees.</p> <p><b>Related national publications:</b> Situation des Industries de transformation, published by the Direction des études et de la planification, Ministère du Commerce et de l'Industrie (MCI), Rabat.</p>
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## Morocco

ISIC Revision 2 ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million DIRHAMS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		1571	1558	1598	1638		90989	90912	91721	93407		2865	3046	3237	2963
3111 Slaughtering, preparing & preserving meat		...	18	21	18		...	418	478	377		...	8	8	11
3112 Dairy products		...	37	37	42		...	8101	8690	8484		...	346	342	432
3113 Canning, preserving of fruits & vegetables		...	165	172	167		...	19340	18541	19822		...	424	421	365
3114 Canning, preserving and processing of fish		...	103	109	110		...	17312	20218	23398		...	380	426	377
3115 Vegetable and animal oils and fats		...	108	122	119		...	7954	6576	6028		...	302	315	248
3116 Grain mill products		...	171	173	179		...	8642	9226	9209		...	283	290	293
3117 Bakery products		...	739	738	774		...	8036	8392	8994		...	163	185	194
3118 Sugar factories and refineries		...	15	18	14		...	11487	9650	7420		...	669	753	576
3119 Cocoa, chocolate and sugar confectionery		...	19	19	19		...	1644	1724	1788		...	60	61	64
3121 Other food products		...	88	89	92		...	4239	4586	4359		...	282	300	252
3122 Prepared animal feeds		...	95	100	104		...	3739	3640	3529		...	128	134	151
313 Beverages		37	39	37	39		7328	7417	8151	7840		454	425	487	505
3131 Distilling, rectifying and blending spirits		...	2	1	3		...	27	15	42		...	-	1	1
3132 Wine industries		...	12	13	12		...	1389	1472	1517		...	57	77	103
3133 Malt liquors and malt		...	7	5	6		...	2365	2816	2083		...	150	183	213
3134 Soft drinks and carbonated waters		...	18	18	18		...	3636	3848	4198		...	218	227	188
314 Tobacco		6	6	6	6		2872	2380	1834	2369		266	316	290	375
321 Textiles		738	734	717	737		70390	70052	68640	71449		2262	2349	2021	2065
3211 Spinning, weaving and finishing textiles		...	256	239	245		...	29484	24395	23736		...	1055	934	927
3212 Made-up textile goods excl. wearing apparel		...	143	160	149		...	6353	6576	5770		...	169	189	175
3213 Knitting mills		...	293	278	307		...	25065	28906	33031		...	613	682	815
3214 Carpets and rugs		...	36	33	31		...	7815	7325	7810		...	412	77	86
3215 Cordage, rope and twine		...	-	-	-		...	-	-	-		...	-	-	-
3219 Other textiles		...	6	7	5		...	1335	1438	1102		...	100	138	62
322 Wearing apparel, except footwear		742	724	738	748		101788	106469	116923	121617		2111	2301	2715	2920
323 Leather and fur products		139	137	142	139		7079	6642	6197	6038		157	161	152	144
3231 Tanneries and leather finishing		...	54	55	60		...	3205	2894	2694		...	84	81	73
3232 Fur dressing and dyeing industries		...	3	2	1		...	406	113	91		...	15	5	4
3233 Leather prods. excl. wearing apparel		...	80	85	78		...	3031	3190	3253		...	62	66	67
324 Footwear, except rubber or plastic		128	138	145	152		8505	8287	8875	9235		214	226	266	279
331 Wood products, except furniture		268	242	247	253		10101	8523	9231	9002		266	249	273	366
3311 Sawmills, planing and other wood mills		...	35	40	43		...	686	820	1025		...	19	18	23
3312 Wooden and cane containers		...	21	20	19		...	1655	1691	1520		...	57	55	138
3319 Other wood and cork products		...	186	187	191		...	6182	6720	6457		...	172	200	205
332 Furniture and fixtures, excl. metal		28	62	59	54		2709	2899	2318	2131		127	136	113	119
341 Paper and products		92	94	107	102		9607	9126	9312	9201		399	390	450	443
3411 Pulp, paper and paperboard articles		...	12	18	14		...	2771	2873	2490		...	187	208	193
3412 Containers of paper and paperboard		...	82	89	88		...	6355	6439	6711		...	203	242	250
3419 Other pulp, paper and paperboard articles		...	-	-	-		...	-	-	-		...	-	-	-
342 Printing and publishing		350	355	351	363		7217	7405	7447	7624		305	320	322	349
351 Industrial chemicals		63	60	58	55		15100	13688	13810	13689		987	1129	1341	1395
3511 Basic chemicals excl. fertilizers		...	22	22	22		...	9184	8822	9001		...	809	956	1035
3512 Fertilizers and pesticides		...	20	20	19		...	2032	1936	1501		...	171	157	105
3513 Synthetic resins and plastic materials		...	18	16	14		...	2472	3052	3187		...	149	228	255
352 Other chemicals		337	342	341	348		16352	21363	20764	22166		1010	1099	1150	1266
3521 Paints, varnishes and lacquers		...	36	40	38		...	2384	2966	3046		...	196	232	247
3522 Drugs and medicines		...	21	20	20		...	6020	5646	6296		...	443	413	497
3523 Soap, cleaning preps., perfumes, cosmetics		...	49	44	39		...	9268	8943	9494		...	295	325	330
3529 Other chemical products		...	236	237	251		...	3691	3208	3330		...	165	180	192
353 Petroleum refineries		...	...	...	...		...	...	...	...		...	...	...	...

354	Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...	...	...
355	Rubber products	31	29	33	31	2878	2487	2806	2920	232	240	271	259
3551	Tyres and tubes	...	6	6	6	...	1439	1426	1572	...	201	209	201
3559	Other rubber products	...	23	27	25	...	1048	1380	1348	...	39	62	58
356	Plastic products	252	261	270	280	9524	10067	9967	11471	273	299	356	394
361	Pottery, china, earthenware	26	26	31	34	5001	5253	5126	5157	195	212	212	206
362	Glass and products	22	23	23	24	1618	1657	1718	1444	66	65	74	59
369	Other non-metallic mineral products	386	408	419	444	26173	30904	32579	32671	1014	1504	1491	2205
3691	Structural clay products	...	86	88	87	...	4704	4481	4649	...	125	133	125
3692	Cement, lime and plaster	...	23	20	23	...	4452	3755	4076	...	447	362	1166
3699	Other non-metallic mineral products	...	299	311	334	...	21748	24325	23946	...	932	996	914
371	Iron and steel	4	5	5	5	982	997	908	954	64	68	75	84
372	Non-ferrous metals	8	9	8	8	951	1001	956	1089	53	60	59	61
381	Fabricated metal products	456	445	463	492	24271	23535	23230	23580	1053	986	1008	1096
3811	Cutlery, hand tools and general hardware	...	33	32	34	...	1326	1345	1103	...	38	44	38
3812	Furniture and fixtures primarily of metal	...	22	21	27	...	1427	1073	1991	...	60	60	141
3813	Structural metal products	...	210	217	237	...	11757	11914	12013	...	484	480	476
3819	Other fabricated metal products	...	180	193	194	...	9025	8897	8473	...	403	424	441
382	Non-electrical machinery	296a/	300	298	320	7374a/	7219	6901	6466	325a/	322	314	292
3821	Engines and turbines	...	2	1	1	...	127	104	116	...	10	8	8
3822	Agricultural machinery and equipment	...	5	7	8	...	500	500	455	...	29	29	30
3823	Metal and wood working machinery	...	8	8	6	...	147	111	83	...	4	3	3
3824	Other special industrial machinery	...	26	25	21	...	923	717	526	...	48	43	46
3825	Office, computing and accounting machinery	...	35	33	32	...	2187	2335	1601	...	112	110	71
3829	Other non-electrical machinery & equipment	...	224	223	252	...	3335	3134	3585	...	119	121	133
383	Electrical machinery	108	116	121	131	10658	11276	11768	14063	604	590	617	746
3831	Electrical industrial machinery	...	19	21	23	...	750	916	1167	...	35	44	55
3832	Radio, television and communication equipm.	...	5	6	18	...	2830	3189	4228	...	187	196	266
3833	Electrical appliances and housewares	...	6	4	5	...	387	264	304	...	11	4	9
3839	Other electrical apparatus and supplies	...	86	90	85	...	7309	7397	8364	...	357	373	416
384	Transport equipment	112	116	121	113	12490	11547	11899	12206	689	685	700	732
3841	Shipbuilding and repairing	...	35	38	34	...	757	809	824	...	51	55	53
3842	Railroad equipment	...	1	1	1	...	147	144	168	...	7	14	13
3843	Motor vehicles	...	65	70	68	...	9911	10273	10808	...	591	595	648
3844	Motorcycles and bicycles	...	12	9	7	...	666	623	340	...	34	33	16
3845	Aircraft	...	3	3	3	...	66	50	66	...	2	2	2
3849	Other transport equipment	...	-	-	-	...	-	-	-	...	-	-	-
385	Professional and scientific equipment	34a/	35	35	38	967a/	1637	1636	1526	34a/	54	54	48
3851	Prof. and scientific equipment n.e.c.	...	25	23	24	...	1285	1292	1171	...	43	39	31
3852	Photographic and optical goods	...	8	10	12	...	258	261	297	...	9	12	16
3853	Watches and clocks	...	2	2	2	...	94	83	58	...	2	2	1
390	Other manufacturing industries	25	18	23	24	651	494	550	539	26	21	24	31
3901	Jewellery and related articles	...	10	12	12	...	118	148	161	...	3	3	4
3902	Musical instruments	...	8	1	1	...	376	...	...	...	18	...	...
3903	Sporting and athletic goods	...	-	-	-	...	-	-	-	...	-	-	-
3909	Manufacturing industries, n.e.c.	...	-	10	11	...	-	379	325	...	-	21	26
3	Total manufacturing	6259	6282	6396	6578	453575	463237	475267	489854	16052	17253	18072	19402

a/ ISIC 385 includes office machines (ISIC 3825).



## Morocco

ISIC Revision 2 ISIC Industry	Output				Value added				Gross fixed capital formation				
	Note	(million DIRHAMS)				Note	(million DIRHAMS)				Note	(million DIRHAMS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
311/2 Food products		36359	39280	42083	42370		7153	7910	8245	8890		1697	1720
3111 Slaughtering, preparing & preserving meat		...	76	71	78		...	12	13	17		11	7
3112 Dairy products		...	4938	4731	5220		...	837	848	1243		191	206
3113 Canning, preserving of fruits & vegetables		...	4020	4093	4315		...	865	849	1060		242	221
3114 Canning, preserving and processing of fish		...	2678	3078	3871		...	747	849	1304		128	163
3115 Vegetable and animal oils and fats		...	4973	6788	5350		...	1370	1231	1159		168	175
3116 Grain mill products		...	9303	9775	10842		...	893	1114	1060		329	365
3117 Bakery products		...	1247	1220	1247		...	319	363	425		130	135
3118 Sugar factories and refineries		...	5897	5992	5603		...	1635	1767	1437		139	98
3119 Cocoa, chocolate and sugar confectionery		...	501	446	382		...	106	107	106		139	38
3121 Other food products		...	2248	2468	2039		...	764	745	580		84	89
3122 Prepared animal feeds		...	3399	3421	3423		...	362	359	499		136	169
313 Beverages		4123	4501	4493	4457		1866	2001	3296	2454		549	471
3131 Distilling, rectifying and blending spirits		...	17	15	20		...	4	1	2		-	-
3132 Wine industries		...	866	910	881		...	260	296	305		31	29
3133 Malt liquors and malt		...	1912	1505	1583		...	975	1113	1296		153	176
3134 Soft drinks and carbonated waters		...	1686	2063	1973		...	762	1886	851		365	266
314 Tobacco		4754	4345	5401	6968		6406	6046	6152	6429		97	135
321 Textiles		12160	12392	13014	12665		4165	4098	4213	4364		1073	1349
3211 Spinning, weaving and finishing textiles		...	7236	7184	6580		...	2158	2125	2095		544	850
3212 Made-up textile goods excl. wearing apparel		...	1083	1192	1103		...	296	326	432		143	78
3213 Knitting mills		...	3206	3499	4186		...	1034	1181	1523		302	369
3214 Carpets and rugs		...	346	377	411		...	451	129	190		21	25
3215 Cordage, rope and twine		...	-	-	-		...	-	-	-		-	-
3219 Other textiles		...	521	822	385		...	159	452	124		63	27
322 Wearing apparel, except footwear		8105	8787	10041	10481		3285	3575	4093	4619		745	903
323 Leather and fur products		1101	1337	1232	1029		265	262	275	283		23	28
3231 Tanneries and leather finishing		...	937	810	633		...	136	149	175		10	9
3232 Fur dressing and dyeing industries		...	95	42	32		...	26	10	9		-	1
3233 Leather prods. excl. wearing apparel		...	305	380	364		...	100	116	99		13	18
324 Footwear, except rubber or plastic		1080	1020	1220	1178		330	352	418	414		70	69
331 Wood products, except furniture		1652	2151	2360	2045		411	503	609	781		42	44
3311 Sawmills, planing and other wood mills		...	478	512	257		...	74	78	96		9	5
3312 Wooden and cane containers		...	439	397	395		...	100	104	212		5	5
3319 Other wood and cork products		...	1234	1391	1393		...	329	427	473		28	34
332 Furniture and fixtures, excl. metal		498	503	463	465		157	184	163	183		11	11
341 Paper and products		4350	4315	4663	4624		1431	1136	1268	1374		276	301
3411 Pulp, paper and paperboard articles		...	2019	2226	2008		...	600	609	658		168	123
3412 Containers of paper and paperboard		...	2296	2437	2616		...	536	659	716		108	178
3419 Other pulp, paper and paperboard articles		...	-	-	-		...	-	-	-		-	-
342 Printing and publishing		1487	1625	2265	1798		604	564	722	650		160	165
351 Industrial chemicals		14395	13508	15999	15221		4459	5025	5889	5187		529	849
3511 Basic chemicals excl. fertilizers		...	10518	12691	12477		...	4146	4970	4363		348	721
3512 Fertilizers and pesticides		...	1588	1481	1083		...	451	385	272		31	9
3513 Synthetic resins and plastic materials		...	1402	1827	1661		...	428	534	552		150	119
352 Other chemicals		7058	7181	8134	9197		2091	2252	2462	2872		444	536
3521 Paints, varnishes and lacquers		...	1617	1888	2022		...	502	560	635		44	39
3522 Drugs and medicines		...	2409	2488	3173		...	895	847	1073		174	200
3523 Soap, cleaning preps., perfumes, cosmetics		...	2197	2631	2921		...	547	737	816		149	182
3529 Other chemical products		...	958	1127	1081		...	308	318	348		77	115
353 Petroleum refineries		...	...	...	...		...	...	...	...		...	...

354 Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	1000	1192	1471	1173	473	477	527	470	68	68	
3551 Tyres and tubes	...	980	1169	891	...	399	415	358	56	53	
3559 Other rubber products	...	212	302	282	...	78	112	112	12	15	
356 Plastic products	2157	2566	2935	2973	623	684	750	987	301	267	
361 Pottery, china, earthenware	1317	1448	1551	1398	469	499	518	554	473	529	
362 Glass and products	405	375	352	423	146	164	180	184	56	14	
369 Other non-metallic mineral products	7024	7712	8658	8898	3497	4311	4498	4937	1482	759	
3691 Structural clay products	...	568	672	557	...	213	235	232	117	141	
3692 Cement, lime and plaster	...	3985	4884	5004	...	2518	2985	3380	1075	410	
3699 Other non-metallic mineral products	...	3159	3102	3337	...	1580	1278	1325	290	208	
371 Iron and steel	2240	2186	2441	1910	530	553	531	525	5	18	
372 Non-ferrous metals	578	754	829	695	132	133	92	153	11	15	
381 Fabricated metal products	8165	7335	7865	8276	1879	1788	1880	2288	432	438	
3811 Cutlery, hand tools and general hardware	...	251	194	235	...	73	69	85	17	17	
3812 Furniture and fixtures primarily of metal	...	228	362	771	...	89	109	314	8	19	
3813 Structural metal products	...	2915	2903	3023	...	841	869	993	189	129	
3819 Other fabricated metal products	...	3941	4406	4247	...	785	833	896	218	273	
382 Non-electrical machinery	1786a/	1743	1707	1605	579a/	637	555	503	103	96	
3821 Engines and turbines	...	68	38	38	...	27	11	10	-	1	
3822 Agricultural machinery and equipment	...	236	218	265	...	72	54	59	11	2	
3823 Metal and wood working machinery	...	22	18	28	...	10	8	10	8	2	
3824 Other special industrial machinery	...	166	187	242	...	80	69	70	16	15	
3825 Office, computing and accounting machinery	...	775	724	447	...	247	224	131	36	29	
3829 Other non-electrical machinery & equipment	...	476	522	585	...	201	189	223	32	47	
383 Electrical machinery	3197	3282	4007	4142	1178	1331	1463	1577	379	378	
3831 Electrical industrial machinery	...	173	302	270	...	67	94	133	21	39	
3832 Radio, television and communication equipm.	...	560	744	765	...	355	420	423	142	106	
3833 Electrical appliances and housewares	...	104	57	94	...	28	10	20	-	1	
3839 Other electrical apparatus and supplies	...	2445	2904	3013	...	881	939	1001	216	232	
384 Transport equipment	4726	4925	5151	5579	1470	1540	2331	1837	223	425	
3841 Shipbuilding and repairing	...	158	177	169	...	75	84	83	6	8	
3842 Railroad equipment	...	7	33	39	...	14	35	22	-	1	
3843 Motor vehicles	...	4480	4675	5108	...	1397	2090	1598	209	412	
3844 Motorcycles and bicycles	...	269	258	254	...	51	119	131	8	4	
3845 Aircraft	...	11	8	9	...	3	3	3	-	-	
3849 Other transport equipment	...	-	-	-	...	-	-	-	-	-	
385 Professional and scientific equipment	215a/	271	344	312	63a/	100	91	98	22	11	
3851 Prof. and scientific equipment n.e.c.	...	221	278	229	...	73	70	76	16	8	
3852 Photographic and optical goods	...	43	61	81	...	20	18	20	5	2	
3853 Watches and clocks	...	7	5	2	...	7	3	2	1	1	
390 Other manufacturing industries	104	85	94	104	37	28	37	52	21	9	
3901 Jewellery and related articles	...	13	16	16	...	5	6	7	1	1	
3902 Musical instruments	...	72	-	-	...	23	-	-	-	-	
3903 Sporting and athletic goods	...	-	-	-	...	-	-	-	-	-	
3909 Manufacturing industries, n.e.c.	...	-	76	87	...	-	30	44	18	8	
3 Total manufacturing	130036	134819	148773	149986	43700	46153	51258	52665	9292	9608	

a/ ISIC 385 includes office machines (ISIC 3825).

## Morocco

ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
311/2 Food products		94	99	98	100	104	104	115	120	119	121	125	131
313 Beverages		73	84	92	100	113	112	99	104	110	117	112	130
314 Tobacco		105	108	97	100	95	91	90	102	104	110	109	107
321 Textiles		91	97	96	100	104	106	103	97	99	97	102	104
322 Wearing apparel, except footwear		107	100	101	100	93	103	108	116	127	135	144	152
323 Leather and fur products	a/b/	89	97	102	100	112	112	111	124	120	132	137	128
324 Footwear, except rubber or plastic	a/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		84	93	98	100	110	101	105	107	100	100	95	98
332 Furniture and fixtures, excl. metal		147	125	138	100	94	113	141	169	122	135	153	151
341 Paper and products		86	90	91	100	97	99	92	103	113	126	127	133
342 Printing and publishing		68	86	90	100	97	81	77	89	84	82	100	96
351 Industrial chemicals		95	101	85	100	91	93	98	87	85	99	...	...
352 Other chemicals		89	98	100	100	102	111	109	129	145	149	...	...
353 Petroleum refineries		79	87	94	100	94	105	107	114	105	102	109	107
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		75	82	93	100	104	95	96	103	106	113	114	116
356 Plastic products		80	81	84	100	101	96	98	100	99	105	...	...
361 Pottery, china, earthenware	c/	67	75	85	100	112	114	108	111	122	130	137	130
362 Glass and products	c/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	c/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	d/	67	83	101	100	107	104	100	101	115	113	127	125
372 Non-ferrous metals	d/	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		85	89	94	100	107	122	113	117	123	123	125	122
382 Non-electrical machinery		125	111	94	100	105	109	104	113	110	106	119	106
383 Electrical machinery		86	83	92	100	95	85	96	90	94	94	96	98
384 Transport equipment		80	87	92	100	103	85	78	81	79	90	94	99
385 Professional and scientific equipment		74	56	84	100	104	118	114	108	109	86	110	128
390 Other manufacturing industries		107	108	112	100	101	101	112	129	123	120	122	111
3 Total manufacturing		88	93	94	100	102	103	103	107	110	114	...	...

a/ 323 includes 324.  
b/ Excluding fur and fur products.  
c/ 361 includes 362 and 369.  
d/ 371 includes 372.

## MOZAMBIQUE

<p><b>Supplier of information:</b> Instituto Nacional de Estatística, Maputo.</p> <p><b>Basic source of data:</b> Annual inquiries undertaken by government agencies. For peeling and whitening of rice, the Cereals Institute of Mozambique and, for other industrial activities and saltern operations, the Direcção Nacional de Estatística, Maputo.</p> <p><b>Major deviations from ISIC (Revision 2):</b> The following activities are not included in manufacturing: poultry slaughtering, copra drying, tailoring, dressmaking, upholstering, manufacture of underclothes and embroidering.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All registered establishments.</p> <p><b>Method of enumeration:</b> Questionnaires are distributed by mail.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of establishments</u> refers to those in operation on 31 December of the reference year. <u>Number of persons engaged</u> is as of 31 December of the reference year.</p> <p><b>Related national publications:</b></p>
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Mozambique

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million METICAIS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		125	126	91	46		17003	12763	...	...		14214	21926	...	...
3111 Slaughtering, preparing & preserving meat		1	-	-	-		-	-	...	...		-	-	...	...
3112 Dairy products		2	1	1	1		525	153	...	...		876	736	...	...
3113 Canning, preserving of fruits & vegetables		4	4	...	4		105	...	...	...		240	...	...	...
3114 Canning, preserving and processing of fish		17	16	11	1		439	406	...	...		2953	4099	...	...
3115 Vegetable and animal oils and fats		5	5	6	5		1339	1162	953	...		1015	1915	...	...
3116 Grain mill products		36	44	13	6		2323	1584	1264	...		4516	2152	...	...
3117 Bakery products		39	39	42	15		1172	272	247	...		1146	2512	...	...
3118 Sugar factories and refineries		2	2	3	3		10084	3843	9299	...		2212	3570	...	...
3119 Cocoa, chocolate and sugar confectionery		5	5	2	...		48	...	...	...		230	...	...	...
3121 Other food products		10	9	11	10		968	5042	...	...		4668	...	...	...
3122 Prepared animal feeds		4	1	2	1		...	301	...	...		1026	2274	...	...
313 Beverages		17	19	12	6		1853	1442	...	...		11667	8848	...	...
3131 Distilling, rectifying and blending spirits		6	8	3	...		57	...	...	...		368	...	...	...
3132 Wine industries		1	1	-	...		54	-	...	...		4157	-	...	...
3133 Malt liquors and malt		3	3	3	1		1420	1442	...	...		5723	1848	...	...
3134 Soft drinks and carbonated waters		7	7	6	5		322	...	...	...		1419	...	...	...
314 Tobacco		1	3	3	2		389	232	119	...		1689	2931	...	...
321 Textiles		14	13	11	4		4969	4748	...	...		3185	3611	...	...
3211 Spinning, weaving and finishing textiles		8	8	8	3		337	304	...	...		931	1621	...	...
3212 Made-up textile goods excl. wearing apparel		3	3	2	1		162	155	326	...		238	1949	...	...
3213 Knitting mills		3	2	1	...		63	-	...	...		133	-	...	...
3214 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	...	...
3215 Cordage, rope and twine		...	...	...	...		...	...	...	...		...	...	...	...
3219 Other textiles		...	...	...	...		...	...	...	...		...	...	...	...
322 Wearing apparel, except footwear		12	14	14	7		1489	1260	1283	...		2604	1120	...	...
323 Leather and fur products		3	3	2	4		71	...	...	...		460	...	...	...
3231 Tanneries and leather finishing		1	1	-	1		-	-	...	...		-	-	...	...
3232 Fur dressing and dyeing industries		-	-	-	1		-	-	...	...		-	-	...	...
3233 Leather prods. excl. wearing apparel		2	2	2	2		71	...	...	...		460	...	...	...
324 Footwear, except rubber or plastic		5	6	5	5		444	445	...	...		333	1362	...	...
331 Wood products, except furniture		16	16	19	11		2480	2910	1262	...		3099	3720	...	...
3311 Sawmills, planing and other wood mills		16	16	19	11		2480	2910	1262	...		3099	3720	...	...
3312 Wooden and cane containers		-	-	-	-		-	-	...	...		-	-	...	...
3319 Other wood and cork products		-	-	-	-		-	-	...	...		-	-	...	...
332 Furniture and fixtures, excl. metal		41	40	28	10		1683	3021	...	...		802	1722	...	...
341 Paper and products		4	3	3	3		504	383	...	...		1827	1945	...	...
3411 Pulp, paper and paperboard articles		3	2	-	3		423	383	...	...		1493	1945	...	...
3412 Containers of paper and paperboard		1	1	2	-		81	...	223	...		334	...	...	...
3419 Other pulp, paper and paperboard articles		-	-	1	-		-	-	...	...		-	-	...	...
342 Printing and publishing		27	26	24	13		1828	1469	519	...		6548	3189	...	...
351 Industrial chemicals		5	5	4	3		293	160	...	...		1770	1249	...	...
3511 Basic chemicals excl. fertilizers		4	4	4	3		...	...	203	...		...	...	...	...
3512 Fertilizers and pesticides		1	1	-	-		...	...	...	...		...	...	...	...
3513 Synthetic resins and plastic materials		-	-	-	-		...	...	...	...		...	...	...	...
352 Other chemicals		23	22	20	10		1613	1281	...	...		2871	3859	...	...
3521 Paints, varnishes and lacquers		6	5	4	3		203	...	...	...		651	...	...	...
3522 Drugs and medicines		1	1	-	-		336	283	...	...		609	2222	...	...
3523 Soap, cleaning preps., perfumes, cosmetics		11	13	12	5		998	998	684	...		1348	1637	...	...
3529 Other chemical products		5	4	4	2		76	...	20	...		263	...	...	...
353 Petroleum refineries		1	1	1	1		458	469	...	...		4072	7400	...	...

354	Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...	...	...
355	Rubber products	6	5	5	3	770	674	...	...	2901	5694	...	...
3551	Tyres and tubes	5	5	4	3	...	...	...	...	...	...	...	...
3559	Other rubber products	1	...	1	...	...	...	126	...	...	...	...	...
356	Plastic products	9	8	8	4	385	362	...	...	632	2169	...	...
361	Pottery, china, earthenware	...	...	...	...	...	...	...	...	...	...	...	...
362	Glass and products	1	1	2	1	660	...	...	...	4476	...	...	...
369	Other non-metallic mineral products	10	11	12	10	1202	1251	...	...	4965	5509	...	...
3691	Structural clay products	4	4	3	5	225	255	...	...	225	332	...	...
3692	Cement, lime and plaster	3	3	3	2	721	694	...	...	4395	4633	...	...
3699	Other non-metallic mineral products	3	4	6	3	256	302	395	...	345	542	...	...
371	Iron and steel	4	4	3	5	996	820	...	...	1301	2267	...	...
372	Non-ferrous metals	2	1	1	...	29	...	...	...	242	...	...	...
381	Fabricated metal products	34	33	26	11	1827	1052	...	...	3298	3603	...	...
3811	Cutlery, hand tools and general hardware	9	10	7	6	34	...	...	...	1161	...	...	...
3812	Furniture and fixtures primarily of metal	4	4	4	...	724	514	536	...	1075	1613	...	...
3813	Structural metal products	5	5	5	...	...	...	...	...	...	...	...	...
3819	Other fabricated metal products	16	14	10	5	1069	538	126	...	1062	1990	...	...
382	Non-electrical machinery	7	8	10	...	632	142	...	...	1746	1478	...	...
3821	Engines and turbines	-	-	-	-	-	-	...	...	-	-	...	...
3822	Agricultural machinery and equipment	...	...	3	...	-	-	...	...	-	-	...	...
3823	Metal and wood working machinery	-	-	-	-	-	-	...	...	-	-	...	...
3824	Other special industrial machinery	1	1	-	-	232	...	...	...	760	...	...	...
3825	Office, computing and accounting machinery	1	1	-	-	35	...	...	...	336	...	...	...
3829	Other non-electrical machinery & equipment	6	7	7	-	365	142	...	...	650	1478	...	...
383	Electrical machinery	11	10	6	3	585	465	...	...	1082	2743	...	...
3831	Electrical industrial machinery	3	3	2	2	...	...	...	...	...	...	...	...
3832	Radio, television and communication equipm.	-	-	-	-	...	...	...	...	...	...	...	...
3833	Electrical appliances and housewares	4	4	2	1	36	...	...	...	657	...	...	...
3839	Other electrical apparatus and supplies	4	3	2	-	97	...	167	...	397	...	...	...
384	Transport equipment	11	10	7	2	446	911	...	...	1616	3694	...	...
3841	Shipbuilding and repairing	2	1	1	...	216	207	167	...	706	2187	...	...
3842	Railroad equipment	1	1	1	...	...	587	409	...	...	1184	...	...
3843	Motor vehicles	7	7	4	2	107	-	...	...	491	-	...	...
3844	Motorcycles and bicycles	1	1	1	...	123	117	...	...	419	323	...	...
3845	Aircraft	-	-	-	-	-	-	...	...	-	-	...	...
3849	Other transport equipment	-	-	-	-	-	-	...	...	-	-	...	...
385	Professional and scientific equipment	1	1	-	1	70	...	...	...	477	...	...	...
3851	Prof. and scientific equipment n.e.c.	-	-	-	-	-	-	...	...	-	-	...	...
3852	Photographic and optical goods	-	-	-	-	-	-	...	...	-	-	...	...
3853	Watches and clocks	1	1	-	1	70	...	...	...	477	...	...	...
390	Other manufacturing industries	1	1	1	1	66	...	...	...	242	...	...	...
3901	Jewellery and related articles	-	-	-	-	-	-	...	...	-	-	...	...
3902	Musical instruments	-	-	-	-	-	-	...	...	-	-	...	...
3903	Sporting and athletic goods	-	-	-	-	-	-	...	...	-	-	...	...
3909	Manufacturing industries, n.e.c.	1	1	1	1	66	...	123	...	242	...	...	...
3	Total manufacturing	391	390	318	166	42745	36260	...	...	78119	90039	...	...

Mozambique

ISIC Revision 2	Output				Value added				Gross fixed capital formation			
	Note	(million METICAIS)				Note	(million METICAIS)				(million METICAIS)	
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
ISIC Industry	Note					Note						
311/2 Food products		549151	744732	1037352	1238569		...	...	...	...	...	...
313 Beverages		421195	858158	1266897	1625428		...	...	...	...	...	...
314 Tobacco		32661	50958	96090	128278		...	...	...	...	...	...
321 Textiles		74052	105808	231894	209169		...	...	...	...	...	...
322 Wearing apparel, except footwear		11029	10303	30379	19625		...	...	...	...	...	...
323 Leather and fur products		1405	1910	2580	2260		...	...	...	...	...	...
324 Footwear, except rubber or plastic		1465	1518	3029	3853		...	...	...	...	...	...
331 Wood products, except furniture		14236	12370	23784	24759		...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		14967	15912	22069	23901		...	...	...	...	...	...
341 Paper and products		20937	29119	48173	46776		...	...	...	...	...	...
342 Printing and publishing		52588	68947	76304	92175		...	...	...	...	...	...
351 Industrial chemicals		30305	43044	51846	57290		...	...	...	...	...	...
352 Other chemicals		121775	163029	192325	221366		...	...	...	...	...	...
353 Petroleum refineries		5347	6863	6675	7292		...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...		...	...	...	...	...	...
355 Rubber products		35765	72466	164491	151003		...	...	...	...	...	...
356 Plastic products		14363	46337	17345	11795		...	...	...	...	...	...
361 Pottery, china, earthenware		49	71	82	...		...	...	...	...	...	...
362 Glass and products		17973	8233	12373	...		...	...	...	...	...	...
369 Other non-metallic mineral products		266096	368257	421624	485289		...	...	...	...	...	...
371 Iron and steel		54400	22316	32636	76042		...	...	...	...	...	...
372 Non-ferrous metals		10669	12731	10065	4992		...	...	...	...	...	...
381 Fabricated metal products		44312	61679	63469	43478		...	...	...	...	...	...
382 Non-electrical machinery		6009	6374	9561	...		...	...	...	...	...	...
383 Electrical machinery		13290	20138	13082	19650		...	...	...	...	...	...
384 Transport equipment		19669	40002	46240	206647		...	...	...	...	...	...
385 Professional and scientific equipment		35	44	36	24		...	...	...	...	...	...
390 Other manufacturing industries		1187	1794	2512	3042		...	...	...	...	...	...
3 Total manufacturing		1870695	2773118	3882913	4702703		...	...	...	...	...	...

## MYANMAR

<p><b>Supplier of information:</b> Ministry of National Planning and Economic Development, Central Statistical Organization, Yangon.</p> <p><b>Basic source of data:</b> Not reported.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Not reported.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b></p>
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## Myanmar

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million KYATS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		...	...	...	...	...	...	...	...	...	...	...	...	...	
3111 Slaughtering, preparing & preserving meat		...	...	...	...	...	...	...	...	...	...	...	...	...	
3112 Dairy products		...	...	...	...	...	...	...	...	...	...	...	...	...	
3113 Canning, preserving of fruits & vegetables		...	...	...	...	...	...	...	...	...	...	...	...	...	
3114 Canning, preserving and processing of fish		...	...	...	...	...	...	...	...	...	...	...	...	...	
3115 Vegetable and animal oils and fats		...	...	...	...	...	...	...	...	...	...	...	...	...	
3116 Grain mill products		6	6	5	5	927	912	873	774	1.4	1.5	0.8	1.4		
3117 Bakery products		7	7	5	5	77	78	82	77	8.8	8.7	4.7	6.6		
3118 Sugar factories and refineries		...	...	...	...	...	...	...	...	...	...	...	...		
3119 Cocoa, chocolate and sugar confectionery		...	...	...	...	...	...	...	...	...	...	...	...		
3121 Other food products		2	2	2	2	326	294	273	290	4.2	3.6	4.9	5.3		
3122 Prepared animal feeds		...	...	...	...	...	...	...	...	...	...	...	...		
313 Beverages		...	...	...	...	...	...	...	...	...	...	...	...		
3131 Distilling, rectifying and blending spirits		4	4	4	4	392	370	386	415	13.4	15.4	16.9	19.6		
3132 Wine industries		...	...	...	...	...	...	...	...	...	...	...	...		
3133 Malt liquors and malt		1	1	1	1	343	325	316	309	1.3	3.2	4.5	6.4		
3134 Soft drinks and carbonated waters		9	9	5	5	1108	1114	1083	1017	21.3	20.9	19.7	22.7		
314 Tobacco		4	4	4	3	1541	1829	2069	2059	19.4	36.5	43.9	46.5		
321 Textiles		...	...	...	...	...	...	...	...	...	...	...	...		
3211 Spinning, weaving and finishing textiles		17	17	15	14	13335	11505	10964	10206	14.9	14.0	158.2	186.3		
3212 Made-up textile goods excl. wearing apparel		3	3	5	5	1625	1787	1700	1237	23.5	27.9	72.7	42.5		
3213 Knitting mills		1	1	1	1	504	315	275	267	...	...	...	...		
3214 Carpets and rugs		...	...	...	...	...	...	...	...	...	...	...	...		
3215 Cordage, rope and twine		...	...	...	...	...	...	...	...	...	...	...	...		
3219 Other textiles		1	1	1	1	411	448	463	438	10.6	11.1	84.1	152.8		
322 Wearing apparel, except footwear		...	...	...	...	...	...	...	...	...	...	...	...		
323 Leather and fur products		2	2	2	2	350	350	363	368	3.9	4.4	6.0	5.7		
3231 Tanneries and leather finishing		...	...	...	...	...	...	...	...	...	...	...	...		
3232 Fur dressing and dyeing industries		...	...	...	...	...	...	...	...	...	...	...	...		
3233 Leather prods. excl. wearing apparel		...	...	...	...	...	...	...	...	...	...	...	...		
324 Footwear, except rubber or plastic		2	2	2	2	1054	1128	1030	1058	7.7	9.1	15.3	13.7		
331 Wood products, except furniture		111	111	110	...	16253	16174	12560	...	199.4	210.1	152.0	...		
3311 Sawmills, planing and other wood mills		102	102	102	97	13520	13493	9908	5729	171.9	181.8	123.9	81.9		
3312 Wooden and cane containers		2	2	1	...	85	43	41	...	1.9	1.0	0.3	...		
3319 Other wood and cork products		7	7	7	2	2648	2638	2611	588	25.7	27.3	27.8	10.1		
332 Furniture and fixtures, excl. metal		7	7	...	7	1623	1623	...	1468	23.2	25.0	...	24.9		
341 Paper and products		...	...	...	...	...	...	...	...	...	...	...	...		
3411 Pulp, paper and paperboard articles		4	4	4	3	2673	2792	2812	2374	65.9	53.1	60.3	57.7		
3412 Containers of paper and paperboard		1	1	1	1	318	238	197	155	4.4	4.6	6.2	9.7		
3419 Other pulp, paper and paperboard articles		...	...	...	...	...	...	...	...	...	...	...	...		
342 Printing and publishing		14	14	14	14	830	770	778	760	24.1	23.1	22.5	19.8		
351 Industrial chemicals		...	...	...	...	...	...	...	...	...	...	...	...		
3511 Basic chemicals excl. fertilizers		2	2	2	2	137	139	138	125	2.5	2.7	3.4	2.6		
3512 Fertilizers and pesticides		3	3	3	3	2250	2164	2367	2250	20.2	27.7	38.6	38.1		
3513 Synthetic resins and plastic materials		...	...	...	...	...	...	...	...	...	...	...	...		
352 Other chemicals		11	10	10	9	3954	3844	3667	3247	71.2	75.7	88.3	122.0		
3521 Paints, varnishes and lacquers		2	1	1	1	532	316	302	282	9.0	8.2	5.2	5.6		
3522 Drugs and medicines		3	3	3	2	1885	2048	1959	1712	33.2	39.5	51.7	70.9		
3523 Soap, cleaning preps., perfumes, cosmetics		5	5	5	5	1317	1309	1250	1139	23.4	24.7	28.4	41.8		
3529 Other chemical products		1	1	1	1	220	171	156	114	5.6	3.4	3.0	3.6		
353 Petroleum refineries		3	3	3	3	4471	4479	4452	4197	57.6	58.0	47.0	60.0		

354 Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	2	2	2	2	1423	1522	1399	1371	15.5	16.0	20.1	20.4	
3551 Tyres and tubes	1	1	1	1	1138	1209	1093	1084	12.5	13.0	15.7	16.0	
3559 Other rubber products	1	1	1	1	285	313	306	287	3.0	3.0	4.4	4.4	
356 Plastic products	5	5	5	5	417	416	397	347	7.6	9.2	12.9	21.8	
361 Pottery, china, earthenware	2	2	2	2	596	588	647	678	7.8	8.7	9.3	11.0	
362 Glass and products	2	2	2	2	1464	1571	1632	1599	16.9	24.9	36.0	29.1	
369 Other non-metallic mineral products	12	12	...	...	6643	6918	...	...	90.6	97.6	...	...	
3691 Structural clay products	4	4	4	3	1057	1149	1304	1057	16.0	18.5	23.5	41.6	
3692 Cement, lime and plaster	4	4	4	2	4465	4627	4823	3460	58.9	60.0	62.4	47.1	
3699 Other non-metallic mineral products	4	4	...	...	1121	1142	...	...	15.7	19.2	...	...	
371 Iron and steel	2	2	2	1	1573	1473	549	459	23.7	23.9	21.5	21.5	
372 Non-ferrous metals	...	...	7	2	...	...	1156	1202	...	...	54.9	24.1	
381 Fabricated metal products	4	4	4	4	1261	1212	964	882	13.4	14.7	12.6	12.3	
3811 Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...	...	...	
3812 Furniture and fixtures primarily of metal	...	...	...	...	...	...	...	...	...	...	...	...	
3813 Structural metal products	...	...	...	...	...	...	...	...	...	...	...	...	
3819 Other fabricated metal products	...	...	...	...	...	...	...	...	...	...	...	...	
382 Non-electrical machinery	...	...	...	...	...	...	...	...	...	...	...	...	
3821 Engines and turbines	...	...	...	...	...	...	...	...	...	...	...	...	
3822 Agricultural machinery and equipment	...	...	...	...	...	...	...	...	...	...	...	...	
3823 Metal and wood working machinery	...	...	...	...	...	...	...	...	...	...	...	...	
3824 Other special industrial machinery	...	...	...	...	...	...	...	...	...	...	...	...	
3825 Office, computing and accounting machinery	...	...	...	...	...	...	...	...	...	...	...	...	
3829 Other non-electrical machinery & equipment	...	...	...	...	...	...	...	...	...	...	...	...	
383 Electrical machinery	12	12	12	...	...	...	2084	...	...	...	28.4	...	
3831 Electrical industrial machinery	9	9	9	9	1186	1195	1170	1139	15.3	15.0	15.3	12.8	
3832 Radio, television and communication equipm.	1	1	1	...	...	...	...	...	...	...	...	...	
3833 Electrical appliances and housewares	1	1	1	1	655	655	610	734	13.0	13.0	9.2	14.4	
3839 Other electrical apparatus and supplies	1	1	1	1	318	313	304	158	3.5	3.4	3.9	1.7	
384 Transport equipment	...	...	...	...	...	...	...	...	...	...	...	...	
3841 Shipbuilding and repairing	...	...	...	...	...	...	...	...	...	...	...	...	
3842 Railroad equipment	...	...	...	...	...	...	...	...	...	...	...	...	
3843 Motor vehicles	2	2	2	2	1726	1590	1582	2283	13.7	13.6	12.4	33.3	
3844 Motorcycles and bicycles	1	1	1	1	...	...	30	30	...	...	0.3	-	
3845 Aircraft	...	...	...	...	...	...	...	...	...	...	...	...	
3849 Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...	
385 Professional and scientific equipment	...	...	...	...	...	...	...	...	...	...	...	...	
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...	...	
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...	
390 Other manufacturing industries	2	2	2	2	3300	3660	3069	3376	45.7	42.1	43.2	44.2	
3901 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...	...	
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...	
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...	
3909 Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	
3 Total manufacturing	...	...	...	...	...	...	...	...	...	...	...	...	

Myanmar

ISIC Revision 2 ISIC Industry	Output in producers' prices				Value added				Gross fixed capital formation			
	Note	(million KYATS)				Note	(million KYATS)				(million KYATS)	
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
311/2 Food products		...	...	...	...	...	...	...	...	...	...	
3111 Slaughtering, preparing & preserving meat		...	...	...	...	...	...	...	...	...	...	
3112 Dairy products		...	...	...	...	...	...	...	...	...	...	
3113 Canning, preserving of fruits & vegetables		...	...	...	...	...	...	...	...	...	...	
3114 Canning, preserving and processing of fish		...	...	...	...	...	...	...	...	...	...	
3115 Vegetable and animal oils and fats		...	...	...	...	...	...	...	...	...	...	
3116 Grain mill products		173.7a/	243.1a/	147.9	196.8	...	...	43.4	132.0	65.4	66.1	
3117 Bakery products		...a/	...a/	57.2	160.7	...	...	45.9	47.8	7.1	7.3	
3118 Sugar factories and refineries		...	...	...	...	...	...	...	...	...	...	
3119 Cocoa, chocolate and sugar confectionery		...	...	...	...	...	...	...	...	...	...	
3121 Other food products		58.4	197.5	100.0	181.9	...	...	...	428.2	247.9	251.4	
3122 Prepared animal feeds		...	...	...	...	...	...	...	...	...	...	
313 Beverages		...	...	...	...	...	...	...	...	...	...	
3131 Distilling, rectifying and blending spirits		1206.5	1382.9	169.4	2043.5	...	...	...	3041.0	341.1	370.4	
3132 Wine industries		...	...	...	...	...	...	...	...	...	...	
3133 Malt liquors and malt		241.2	373.7	535.8	397.2	...	...	...	...	73.4	2246.3	
3134 Soft drinks and carbonated waters		266.7	332.5	624.9	961.4	...	...	...	...	301.7	351.0	
314 Tobacco		441.9	1105.8	1532.0	1689.5	...	...	2938.0	4358.5	161.0	157.0	
321 Textiles		...	...	...	...	...	...	...	...	...	...	
3211 Spinning, weaving and finishing textiles		2152.2	1994.6	1719.7	3092.8	1065.2	1141.1	1212.2	1912.3	521.2	506.3	
3212 Made-up textile goods excl. wearing apparel		199.3	263.2	642.2	730.0	150.5	187.8	412.0	464.2	198.1	158.9	
3213 Knitting mills		...	...	...	...	...	...	...	...	...	...	
3214 Carpets and rugs		...	...	...	...	...	...	...	...	...	...	
3215 Cordage, rope and twine		...	...	...	...	...	...	...	...	...	...	
3219 Other textiles		...	...	...	...	623.9	654.8	533.9	1124.2	234.2	284.1	
322 Wearing apparel, except footwear		...	...	...	...	...	...	...	...	...	...	
323 Leather and fur products		55.1	59.3	61.0	63.8	12.7	13.3	26.0	17.0	73.6	76.3	
3231 Tanneries and leather finishing		...	...	...	...	...	...	...	...	...	...	
3232 Fur dressing and dyeing industries		...	...	...	...	...	...	...	...	...	...	
3233 Leather prods. excl. wearing apparel		...	...	...	...	...	...	...	...	...	...	
324 Footwear, except rubber or plastic		91.2	93.9	119.6	137.9	22.2	31.7	32.3	48.5	72.0	75.7	
331 Wood products, except furniture		354.2	318.3	559.0	...	957.0	1173.4	416.7	...	334.2	...	
3311 Sawmills, planing and other wood mills		205.7	191.5	355.5	1596.1	926.2	1148.1	389.1	638.0	243.6	318.7	
3312 Wooden and cane containers		11.0	3.8	5.3	...	5.6	2.6	...	...	...	...	
3319 Other wood and cork products		137.5	123.0	198.3	48.2	25.2	22.6	27.6	11.4	90.6	70.5	
332 Furniture and fixtures, excl. metal		112.4	108.7	134.8	86.7	3.8	10.0	15.9	...	...	214.7	
341 Paper and products		...	...	...	...	...	...	...	...	...	...	
3411 Pulp, paper and paperboard articles		713.5	800.8	872.7	1051.0	145.9	129.3	185.7	131.5	827.4	742.6	
3412 Containers of paper and paperboard		96.9	95.7	118.2	273.0	27.5	36.6	33.9	32.5	87.2	87.9	
3419 Other pulp, paper and paperboard articles		...	...	...	...	...	...	...	...	...	...	
342 Printing and publishing		83.7	112.0	116.8	120.8	...	...	...	...	395.2	399.2	
351 Industrial chemicals		...	...	...	...	...	...	...	...	...	...	
3511 Basic chemicals excl. fertilizers		17.1	22.0	22.3	55.6	4.5	4.3	5.1	4.1	47.5	45.5	
3512 Fertilizers and pesticides		571.1	400.5	443.3	4704.9	...	...	...	...	945.4	920.7	
3513 Synthetic resins and plastic materials		...	...	...	...	...	...	...	...	...	...	
352 Other chemicals		1505.7	1523.6	3289.4	4630.0	663.7	612.4	1709.3	1885.1	805.2	792.4	
3521 Paints, varnishes and lacquers		90.6	72.9	28.4	32.6	8.8	13.0	10.3	3.0	30.5	29.1	
3522 Drugs and medicines		280.5	313.0	807.8	1284.2	152.4	189.3	637.6	1057.0	450.9	426.2	
3523 Soap, cleaning preps., perfumes, cosmetics		993.6	1038.6	2301.2	3188.3	462.1	383.1	1008.6	521.5	280.8	287.3	
3529 Other chemical products		141.0	99.2	151.9	124.9	40.4	27.0	52.9	303.7	42.9	49.7	
353 Petroleum refineries		2021.0	3269.3	17960.5	26482.4	...	...	...	...	975.4	1055.2	

354	Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...
355	Rubber products	460.4	577.1	131.1	823.2	193.9	200.7	290.0	263.2	...	...
3551	Tyres and tubes	425.5	537.4	91.7	773.6	165.3	167.6	275.3	246.6	...	...
3559	Other rubber products	34.9	39.7	39.4	49.6	28.6	33.1	14.8	16.6	10.4	9.9
356	Plastic products	191.6	167.9	282.3	431.7	55.2	76.8	60.9	154.4	114.0	115.1
361	Pottery, china, earthenware	28.4	29.4	31.1	31.2	23.1	27.4	33.9	...	33.1	92.4
362	Glass and products	293.2	396.4	423.4	500.8	199.2	234.4	26.8	...	31.0	49.2
369	Other non-metallic mineral products	866.4	865.1	...	...	799.8	815.0	...	...	...	...
3691	Structural clay products	70.1	71.0	72.6	181.8	59.1	67.3	68.3	...	33.6	19.9
3692	Cement, lime and plaster	685.9	657.6	676.8	917.1	681.0	667.3	672.4	...	61.8	202.2
3699	Other non-metallic mineral products	110.3	136.5	...	...	59.7	80.3	...	...	...	...
371	Iron and steel	983.3	947.5	208.0	310.9	396.3	593.9	199.2	199.2	378.4	378.4
372	Non-ferrous metals	...	...	351.2	386.6	...	...	-	...	1877.5	722.1
381	Fabricated metal products	38.8	48.3	107.5	72.5	10.0	13.9	17.3	18.6	...	...
3811	Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...
3812	Furniture and fixtures primarily of metal	...	...	...	...	...	...	...	...	...	...
3813	Structural metal products	...	...	...	...	...	...	...	...	...	...
3819	Other fabricated metal products	...	...	...	...	...	...	...	...	...	...
382	Non-electrical machinery	...	...	...	...	...	...	...	...	...	...
3821	Engines and turbines	...	...	...	...	...	...	...	...	...	...
3822	Agricultural machinery and equipment	...	...	...	...	...	...	...	...	...	...
3823	Metal and wood working machinery	...	...	...	...	...	...	...	...	...	...
3824	Other special industrial machinery	...	...	...	...	...	...	...	...	...	...
3825	Office, computing and accounting machinery	...	...	...	...	...	...	...	...	...	...
3829	Other non-electrical machinery & equipment	...	...	...	...	...	...	...	...	...	...
383	Electrical machinery	...	...	231.6	...	...	...	...	...	...	...
3831	Electrical industrial machinery	51.0	64.3	117.1	170.9	24.9	32.0	59.9	42.4	...	...
3832	Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...
3833	Electrical appliances and housewares	15.1	34.9	98.9	133.4	6.5	14.2	40.8	46.6	...	...
3839	Other electrical apparatus and supplies	4.6	5.0	15.6	17.5	2.5	3.0	4.7	7.9	...	...
384	Transport equipment	...	...	...	...	...	...	...	...	...	...
3841	Shipbuilding and repairing	...	...	...	...	...	...	...	...	...	...
3842	Railroad equipment	...	...	...	...	...	...	...	...	...	...
3843	Motor vehicles	310.9	242.5	241.7	701.3	118.9	103.8	59.5	140.3	...	...
3844	Motorcycles and bicycles	...	...	12.4	22.0	...	...	3.8	4.3	...	...
3845	Aircraft	...	...	...	...	...	...	...	...	...	...
3849	Other transport equipment	...	...	...	...	...	...	...	...	...	...
385	Professional and scientific equipment	...	...	...	...	...	...	...	...	...	...
3851	Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...	...	...
3852	Photographic and optical goods	...	...	...	...	...	...	...	...	...	...
3853	Watches and clocks	...	...	...	...	...	...	...	...	...	...
390	Other manufacturing industries	332.0	295.3	466.6	775.9	181.0	125.1	161.4	128.9	...	...
3901	Jewellery and related articles	...	...	...	...	...	...	...	...	...	...
3902	Musical instruments	...	...	...	...	...	...	...	...	...	...
3903	Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...
3909	Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...	...	...
3	Total manufacturing	...	...	...	...	...	...	...	...	...	...

a/ 3116 includes 3117.

Myanmar

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products		...	...	99	100	94	106	118	123	129	133	...	...
313 Beverages		...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco		56	97	81	100	70	41	44	45	77	176	203	208
321 Textiles	a/	...	...	93	100	99	129	116	161	176	175	...	...
322 Wearing apparel, except footwear	a/	...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products	a/	...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic	a/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		133	96	127	100	81	95	104	104	104	104	...	...
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		...	...	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing		116	104	130	100	104	106	120	124	185	233	...	...
351 Industrial chemicals		...	...	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		110	93	97	100	98	98	97	128	182	173	...	...
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		100	108	97	100	101	101	101	...	...	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	b/	...	...	78	100	98	103	114	104	107	113	...	...
371 Iron and steel	b/	...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals	b/	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		...	...	88	100	154	116	41	51	80	97	...	...
384 Transport equipment		...	...	120	100	77	93	93	140	223	264	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

a/ 321 includes 322, 323 and 324.  
b/ 369 includes 371 and 372.

## NETHERLANDS

<p><b>Supplier of information:</b> Statistics Netherlands, Voorburg. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p><b>Basic source of data:</b> Annual production statistics.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Enterprises employing 20 or more employees.</p> <p><b>Method of enumeration:</b> Questionnaires are distributed by mail.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of employees</u> is not converted to full time equivalent. <u>Wages and salaries</u> includes gratuities, tips, severance payments, workplace and performance bonuses, ex-gratia payments, thirteenth month pay, seniority attendance, incentive and productivity bonuses, payments for holidays and sick leave. <u>Output</u> is gross output, including the value of shipments of goods and services produced by the unit, the receipts for industrial work done and industrial services rendered to others, the margin on sales of goods shipped in the same condition as received, the net change in stocks of finished goods and work in progress, the value of electricity sold, the sales of products manufactured by subcontractors, the value of capital assets manufactured for own use, and receipts for non-industrial services. It excludes income from sales of capital assets produced on own accounts. <u>Value added</u> is in national accounting concept measured by output minus value of industrial materials and services for processing, costs of industrial services received, and operating costs and payments for non-industrial services. <u>Gross fixed capital formation</u> is defined as the value of the fixed assets purchased or constructed by the unit's own labour force for its own use, during the reference year. Major additions, alterations and improvements to fixed assets carried out by third parties are included. Transactions in fixed assets includes land, buildings, site preparation and other construction work, land which is not used for the establishment business, transport equipment, machinery and other equipment, as well as additions, alterations and improvements which prolong the service life or increase productive capacity of capital goods. Fixed assets are valued at acquisition costs, including transportation costs and costs of installation, taxes and insurance for goods in transit.</p> <p><b>Related national publications:</b> Yearly Production Statistics; Yearly Statistics on Fixed Capital Formation in Industry, both published by Statistics Netherlands, Voorburg.</p>
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## Netherlands

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million GUILDERS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		319	306	321	322		33685	33604	33882	35297		1944	1959	2036	2055
1511 Processing/preserving of meat		204	198	206	201		20825	20626	20771	22118		1124	1119	1166	1187
1512 Processing/preserving of fish		47	44	41	39		2773	2694	2630	2754		126	121	126	131
1513 Processing/preserving of fruit & vegetables		55	51	55	63		6849	7129	7406	7452		440	473	497	499
1514 Vegetable and animal oils and fats		13	13	19	19		3238	3155	3075	2973		254	246	247	238
1520 Dairy products		39	38	38	43		14272	11900	11787	11409		1013	901	878	787
153 Grain mill products; starches; animal feeds		..	..	..	..		..	..	..	..		..	..	..	..
1531 Grain mill products		9	8	8	7		1167	1063	1024	1012		86	80	82	80
1532 Starches and starch products		..	..	..	..		..	..	..	..		..	..	..	..
1533 Prepared animal feeds		80	77	76	77		8812	8570	8048	7659		590	585	558	533
154 Other food products		..	..	..	..		..	..	..	..		..	..	..	..
1541 Bakery products		288	290	274	282		19007	18659	18851	19287		906	919	932	938
1542 Sugar		..	..	..	..		..	..	..	..		..	..	..	..
1543 Cocoa, chocolate and sugar confectionery		47	45	47	50		7153	6893	6762	6856		499	484	515	491
1544 Macaroni, noodles & similar products		..	..	..	..		..	..	..	..		..	..	..	..
1549 Other food products n.e.c.		..	..	..	..		..	..	..	..		..	..	..	..
155 Beverages		35	33	33	34		10976	11231	11290	11016		847	889	839	875
1551 Distilling, rectifying & blending of spirits		..	..	..	..		..	..	..	..		..	..	..	..
1552 Wines		..	..	..	..		..	..	..	..		..	..	..	..
1553 Malt liquors and malt		12	11	12	12		7504	7826	7878	7522		604	650	584	619
1554 Soft drinks; mineral waters		9	10	9	9		2390	2412	2329	2477		164	162	170	175
1600 Tobacco products		12	11	11	11		5452	5424	5391	5354		431	437	440	440
171 Spinning, weaving and finishing of textiles		64	59	54	50		6254	5515	5173	5133		362	335	317	310
1711 Textile fibre preparation; textile weaving		36	35	29	27		3781	2862	2372	2407		225	175	146	143
1712 Finishing of textiles		28	24	25	23		2473	2653	2801	2726		137	160	171	167
172 Other textiles		..	..	..	..		..	..	..	..		..	..	..	..
1721 Made-up textile articles, except apparel		..	..	..	..		..	..	..	..		..	..	..	..
1722 Carpets and rugs		..	..	..	..		..	..	..	..		..	..	..	..
1723 Cordage, rope, twine and netting		..	..	..	..		..	..	..	..		..	..	..	..
1729 Other textiles n.e.c.		..	..	..	..		..	..	..	..		..	..	..	..
1730 Knitted and crocheted fabrics and articles		..	..	..	..		..	..	..	..		..	..	..	..
1810 Wearing apparel, except fur apparel		92	83	71	..		5062	4076	3702	..		225	187	175	..
1820 Dressing & dyeing of fur; processing of fur		..	..	..	..		..	..	..	..		..	..	..	..
191 Tanning, dressing and processing of leather		24	23	20	20		918	874	777	886		47	44	44	48
1911 Tanning and dressing of leather		9	8	9	10		446	422	465	539		26	23	27	32
1912 Luggage, handbags, etc.; saddlery & harness		15	15	11	10		472	452	312	347		21	21	17	16
1920 Footwear		29	23	24	21		1535	1217	1201	1206		75	62	62	62
2010 Sawmilling and planing of wood		..	..	..	..		..	..	..	..		..	..	..	..
202 Products of wood, cork, straw, etc.		..	..	..	..		..	..	..	..		..	..	..	..
2021 Veneer sheets, plywood, particle board, etc.		..	..	..	..		..	..	..	..		..	..	..	..
2022 Builders' carpentry and joinery		120	116	121	124		7184	7052	7232	7505		384	388	419	424
2023 Wooden containers		35	34	34	33		2102	1711	1660	1744		106	86	88	91
2029 Other wood products; articles of cork/straw		..	..	..	..		..	..	..	..		..	..	..	..
210 Paper and paper products		166	159	176	203		22838	22467	23140	25098		1522	1542	1627	1715
2101 Pulp, paper and paperboard		22	22	26	27		7117	6771	6758	6882		502	496	515	508
2102 Corrugated paper and paperboard		97	89	95	102		10376	9785	9279	9910		672	651	619	652
2109 Other articles of paper and paperboard		47	48	55	74		5345	5911	7103	8306		348	395	493	555
221 Publishing		157	150	161	162		26947	26837	26835	26773		1924	2014	2046	2046
2211 Publishing of books and other publications		62	59	56	59		4665	4610	4740	5225		332	338	343	375
2212 Publishing of newspapers, journals, etc.		85	83	96	93		21617	21727	21640	20946		1551	1645	1672	1633
2213 Publishing of recorded media		..	..	..	..		..	..	..	..		..	..	..	..
2219 Other publishing		..	..	..	..		..	..	..	..		..	..	..	..

222 Printing and related service activities	523	510	484	477	30395	29920	28612	27375	1920	1938	1908	1774
2221 Printing	412	403	382	382	25187	24792	23667	23140	1608	1624	1597	1521
2222 Service activities related to printing	111	107	102	95	5208	5128	4945	4235	312	314	311	253
2230 Reproduction of recorded media	13	14	13	15	1709	1605	1694	1982	99	117	112	120
2310 Coke oven products	...	...	...	...	...	...	...	...	...	...	...	...
2320 Refined petroleum products	...	...	...	...	...	...	...	...	...	...	...	...
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
241 Basic chemicals	118	122	113	116	33459	35362	30995	29455	2993	3225	2954	2807
2411 Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...	...	...	...	...
2412 Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...	...	...	...	...
2413 Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...	...	...	...
242 Other chemicals	...	...	...	...	...	...	...	...	...	...	...	...
2421 Pesticides and other agro-chemical products	8	8	8	8	683	791	724	728	46	54	53	53
2422 Paints, varnishes, printing ink and mastics	59	55	64	62	7817	7763	8126	8204	502	502	547	545
2423 Pharmaceuticals, medicinal chemicals, etc.	42	44	42	41	13376	12789	13329	12771	...	933	995	949
2424 Soap, cleaning & cosmetic preparations	31	33	38	41	5020	4850	5087	4383	345	347	369	306
2429 Other chemical products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
2430 Man-made fibres	...	...	...	...	...	...	...	...	...	...	...	...
251 Rubber products	25	27	24	23	3649	3764	3740	3562	235	239	236	230
2511 Rubber tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...
2519 Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
2520 Plastic products	319	317	324	328	23507	23242	23866	24374	1406	1427	1506	1514
2610 Glass and glass products	32	30	30	35	5664	5682	5495	5766	412	387	379	395
269 Non-metallic mineral products n.e.c.	239	233	239	241	21687	21279	20856	21304	1330	1334	1345	1343
2691 Pottery, china and earthenware	...	...	...	...	...	...	...	...	...	...	...	...
2692 Refractory ceramic products	...	...	...	...	...	...	...	...	...	...	...	...
2693 Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...	...	...	...	...
2694 Cement, lime and plaster	...	...	...	...	...	...	...	...	...	...	...	...
2695 Articles of concrete, cement and plaster	140	142	150	155	12375	12260	12406	12561	749	757	787	784
2696 Cutting, shaping & finishing of stone	13	13	11	13	474	443	340	525	29	27	22	32
2699 Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
2710 Basic iron and steel	...	...	...	...	...	...	...	...	...	...	...	...
2720 Basic precious and non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
273 Casting of metals	45	45	42	40	4517	4494	4209	4253	259	265	259	262
2731 Casting of iron and steel	25	25	21	18	2711	2662	2343	2260	152	151	141	136
2732 Casting of non-ferrous metals	20	20	21	22	1806	1832	1866	1993	108	113	119	126
281 Struct.metall products;tanks;steam generators	525	509	544	561	33937	32959	34292	35925	1988	1979	2128	2186
2811 Structural metal products	...	426	459	482	...	25018	26774	28432	...	1475	1626	1693
2812 Tanks, reservoirs and containers of metal	85	79	79	73	7209	6930	6646	6680	445	427	426	424
2813 Steam generators	...	4	6	6	...	1011	872	813	...	77	76	69
289 Other metal products; metal working services	498	479	510	532	31754	31864	32007	33721	1831	1877	1952	2002
2891 Metal forging/pressing/stamping/roll-forming	89	88	88	85	6568	6787	6954	6745	373	394	419	411
2892 Treatment & coating of metals	205	188	200	226	8854	8813	8378	9795	507	511	496	563
2893 Cutlery, hand tools and general hardware	65	69	74	74	4435	4473	4549	4930	264	275	292	306
2899 Other fabricated metal products n.e.c.	139	134	148	147	11897	11791	12126	12251	687	697	745	722
291 General purpose machinery	488	478	497	519	37946	37762	37512	39366	2354	2361	2432	2570
2911 Engines & turbines(not for transport equip.)	29	27	25	26	2902	3251	2884	2951	196	219	206	229
2912 Pumps, compressors, taps and valves	78	72	77	83	8132	7164	7312	7835	504	463	492	532
2913 Bearings, gears, gearing & driving elements	18	17	21	19	1318	1356	1556	1559	79	82	97	95
2914 Ovens, furnaces and furnace burners	12	10	8	8	895	657	466	314	59	44	37	19
2915 Lifting and handling equipment	112	104	110	116	9102	9103	9606	9407	561	570	615	596
2919 Other general purpose machinery	239	248	256	267	15597	16231	15688	17299	955	983	985	1098
292 Special purpose machinery	410	390	370	371	28508	29087	28583	29563	1797	1867	1865	1929
2921 Agricultural and forestry machinery	84	78	85	82	4846	4594	5168	5055	282	264	307	306
2922 Machine tools	36	36	31	33	2515	2830	2202	2570	160	182	148	159
2923 Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...	...	...
2924 Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...	...	...
2925 Food/beverage/tobacco processing machinery	104	103	77	77	8150	7792	6145	6477	518	514	411	429
2926 Machinery for textile, apparel and leather	20	21	17	17	2332	2284	1719	1812	157	159	123	114
2927 Weapons and ammunition	...	...	...	...	...	...	...	...	...	...	...	...
2929 Other special purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
2930 Domestic appliances n.e.c.	20	22	24	25	1686	1816	2029	2021	85	93	110	112

continued



## Netherlands

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million GUILDERS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		26	23	26	24		7221	6963	6410	6451		507	477	487	490
3110 Electric motors, generators and transformers		41	40	41	43		2239	2203	2264	2875		132	134	139	183
3120 Electricity distribution & control apparatus		34	32	36	35		6723	6588	6834	6261		416	438	460	396
3130 Insulated wire and cable		17	15	17	14		3130	3100	2943	2945		202	220	215	213
3140 Accumulators, primary cells and batteries		..	..	..	..		..	..	..	..		..	..	..	..
3150 Lighting equipment and electric lamps		..	..	..	..		..	..	..	..		..	..	..	..
3190 Other electrical equipment n.e.c.		..	..	..	..		..	..	..	..		..	..	..	..
3210 Electronic valves, tubes, etc.		..	..	..	..		..	..	..	..		..	..	..	..
3220 TV/radio transmitters, line comm. apparatus		..	..	..	..		..	..	..	..		..	..	..	..
3230 TV and radio receivers and associated goods		..	..	..	..		..	..	..	..		..	..	..	..
331 Medical, measuring, testing appliances, etc.		..	..	..	..		..	..	..	..		..	..	..	..
3311 Medical, surgical and orthopaedic equipment		..	..	..	..		..	..	..	..		..	..	..	..
3312 Measuring/testing/navigating appliances, etc.		..	..	..	..		..	..	..	..		..	..	..	..
3313 Industrial process control equipment		..	..	..	..		..	..	..	..		..	..	..	..
3320 Optical instruments & photographic equipment		..	..	..	..		..	..	..	..		..	..	..	..
3330 Watches and clocks		..	..	..	..		..	..	..	..		..	..	..	..
3410 Motor vehicles		..	..	..	..		..	..	..	..		..	..	..	..
3420 Automobile bodies, trailers & semi-trailers		112	102	109	111		6540	6321	6205	6427		357	355	346	360
3430 Parts/accessories for automobiles		23	26	30	30		3996	4304	4685	4837		227	255	287	284
351 Building and repairing of ships and boats		137	132	140	130		12696	12104	11556	11903		796	773	762	765
3511 Building and repairing of ships		107	108	112	102		10960	10534	9850	10071		699	680	645	654
3512 Building/repairing of pleasure/sport. boats		30	24	28	28		1736	1570	1706	1832		97	92	117	111
3520 Railway/tramway locomotives & rolling stock		..	..	..	..		..	..	..	..		..	..	..	..
3530 Aircraft and spacecraft		..	..	..	..		..	..	..	..		..	..	..	..
359 Transport equipment n.e.c.		29	28	31	30		2264	2235	2709	2962		123	127	151	159
3591 Motorcycles		..	..	..	..		..	..	..	..		..	..	..	..
3592 Bicycles and invalid carriages		..	..	..	..		..	..	..	..		..	..	..	..
3599 Other transport equipment n.e.c.		..	..	..	..		..	..	..	..		..	..	..	..
3610 Furniture		319	303	309	295		17065	16631	17035	17406		899	882	942	945
369 Manufacturing n.e.c.		64	57	61	60		3791	3802	4032	3953		204	209	228	228
3691 Jewellery and related articles		13	12	10	11		494	534	508	541		23	28	27	29
3692 Musical instruments		..	..	..	..		..	..	..	..		..	..	..	..
3693 Sports goods		..	..	..	..		..	..	..	..		..	..	..	..
3694 Games and toys		..	..	..	..		..	..	..	..		..	..	..	..
3699 Other manufacturing n.e.c.		..	..	..	..		..	..	..	..		..	..	..	..
3710 Recycling of metal waste and scrap		..	..	..	..		..	..	..	..		..	..	..	..
3720 Recycling of non-metal waste and scrap		..	..	..	..		..	..	..	..		..	..	..	..
D Total manufacturing		6404	6212	6350	6433		681000	666793	660650	667033		44292	44405	45434	45106

## Netherlands

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(million GUILDERS)				Note	(million GUILDERS)				(million GUILDERS)		
		1995	1996	1997	1998		1995	1996a/	1997a/	1998a/	1997	1998	
151 Processed meat, fish, fruit, vegetables, fats		24301	25668	26979	28097		3807	3883	3989	4280		844	845
1511 Processing/preserving of meat		13795	15039	15657	15389		1860	1964	2040	2169		416	445
1512 Processing/preserving of fish		930	969	986	1103		205	195	206	227		47	41
1513 Processing/preserving of fruit & vegetables		4338	4301	4336	4915		1046	1022	1066	1164		252	279
1514 Vegetable and animal oils and fats		5238	5359	6000	6690		696	702	677	720		163	80
1520 Dairy products		13549	13049	13539	14254		1834	1720	1862	1714		377	310
153 Grain mill products; starches; animal feeds		...	...	...	...		...	...	...	...		...	...
1531 Grain mill products		1117	1116	1123	1072		204	193	190	149	b/ b/	172	151
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...
1533 Prepared animal feeds		8814	8906	9173	8549		1180	1202	1327	1233		240	214
154 Other food products		...	...	...	...		...	...	...	...		1040	934
1541 Bakery products		3623	3763	3883	4099		1454	1471	1506	1583		...	...
1542 Sugar		...	...	...	...		...	...	...	...		...	...
1543 Cocoa, chocolate and sugar confectionery		4346	4525	4737	5933		1040	1232	1200	1100		...	...
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...
1549 Other food products n.e.c.		...	...	...	...		...	...	...	...		...	...
155 Beverages		7047	7146	7449	7556		3299	2330	2418	2446		571	549
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...
1552 Wines		...	...	...	...		...	...	...	...		...	...
1553 Malt liquors and malt		4496	4651	4876	4995		2287	1735	1800	1821		...	...
1554 Soft drinks; mineral waters		1867	1780	1795	1827		707	406	413	430		...	...
1600 Tobacco products		7289	7932	8687	9050		4422	2472	2937	3151		191	140
171 Spinning, weaving and finishing of textiles		1604	1527	1529	1584		630	601	563	590		...	85
1711 Textile fibre preparation; textile weaving		1077	874	798	860		397	300	252	262		26	49
1712 Finishing of textiles		527	653	731	724		233	301	311	328		30	36
172 Other textiles		...	...	...	...		...	...	...	...		...	...
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		36	40
1722 Carpets and rugs		...	...	...	...		...	...	...	...		81	78
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...	...
1730 Knitted and crocheted fabrics and articles		...	...	...	...		...	...	...	...		19	...
1810 Wearing apparel, except fur apparel		1158	988	919	...		316	...	...	...		52	45
1820 Dressing & dyeing of fur; processing of fur		...	...	...	...		...	...	...	...		...	...
191 Tanning, dressing and processing of leather		288	267	319	381		69	70	74	86		...	16
1911 Tanning and dressing of leather		206	184	248	307		40	42	52	62		10	14
1912 Luggage, handbags, etc.; saddlery & harness		82	83	71	74		29	28	22	24		4	2
1920 Footwear		272	237	245	263		110	98	101	104		10	14
2010 Sawmilling and planing of wood		...	...	...	...		...	...	...	...		16	16
202 Products of wood, cork, straw, etc.		...	...	...	...		...	...	...	...		...	238
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...		...	...	...	...		4	4
2022 Builders' carpentry and joinery		1683	1664	1957	2058		568	579	645	681		152	153
2023 Wooden containers		537	503	504	580		165	143	135	163		51	40
2029 Other wood products; articles of cork/straw		...	...	...	...		...	...	...	...		36	41
210 Paper and paper products		9368	8940	9683	10470		3050	3044	3287	3614		635	817
2101 Pulp, paper and paperboard		3836	3269	3611	3696		1190	1087	1195	1251		232	...
2102 Corrugated paper and paperboard		3620	3396	3266	3517		1219	1196	1124	1223		397	424
2109 Other articles of paper and paperboard		1911	2275	2806	3257		640	761	968	1140	d/ d/	...	...
221 Publishing		8675	9202	9623	10745		3874	4148	4489	4862		...	568
2211 Publishing of books and other publications		2116	1987	1993	2360		807	808	862	932		...	...
2212 Publishing of newspapers, journals, etc.		6275	7003	7343	7973		2971	3267	3546	3793		...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...
2219 Other publishing		...	...	...	...		...	...	...	...		799	...

continued

Netherlands

ISIC Revision 3 ISIC Industry	Note	Output in producers' prices (million GULDERS)				Note	Value added in producers' prices (million GULDERS)				Note	Gross fixed capital formation (million GULDERS)	
		1995	1996	1997	1998		1995	1996a/	1997a/	1998a/		1997	1998
		222 Printing and related service activities	7794	8073	7829		7868	3285	3380	3305		3214	1048
2221 Printing	6818	7108	6863	7065	2788	2888	2811	2792	...	...			
2222 Service activities related to printing	976	965	966	803	497	492	494	423	...	...			
2230 Reproduction of recorded media	904	945	926	971	330	287	298	300	47	107			
2310 Coke oven products	...	...	...	...	...	...	...	...	...	...			
2320 Refined petroleum products	...	...	...	...	...	...	...	...	...	...			
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...			
241 Basic chemicals	32193	31436	36181	33708	10217	9005	9182	8094	2279	2803			
2411 Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...	...	...			
2412 Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...	...	...			
2413 Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...	...			
242 Other chemicals	...	...	...	...	...	...	...	...	806	928			
2421 Pesticides and other agro-chemical products	365	423	407	483	98	124	132	143	12	15			
2422 Paints, varnishes, printing ink and mastics	2713	2744	3102	3231	924	954	1036	1055	195	160			
2423 Pharmaceuticals, medicinal chemicals, etc.	6747	8665	10485	11170	2460	2211	2610	2295	288	447			
2424 Soap, cleaning & cosmetic preparations	2114	2126	2327	2021	664	680	732	678	90	93			
2429 Other chemical products n.e.c.	...	...	...	...	...	...	...	...	221	213			
2430 Man-made fibres	...	...	...	...	...	...	...	...	146	33			
251 Rubber products	919	952	966	991	390	401	395	414	75	73			
2511 Rubber tyres and tubes	...	...	...	...	...	...	...	...	...	...			
2519 Other rubber products	...	...	...	...	...	...	...	...	...	...			
2520 Plastic products	7774	7634	8427	8863	2536	2748	2962	3183	575	701			
2610 Glass and glass products	1631	1752	1753	1889	779	784	732	775	196	126			
269 Non-metallic mineral products n.e.c.	6824	6816	7104	7579	2984	1951	3129	3232	...	...			
2691 Pottery, china and earthenware	...	...	...	...	...	...	...	...	25	32			
2692 Refractory ceramic products	...	...	...	...	...	...	...	...	...	...			
2693 Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...	...	...			
2694 Cement, lime and plaster	...	...	...	...	...	...	...	...	e/	89			
2695 Articles of concrete, cement and plaster	3968	3987	4297	4502	1554	1576	1715	1760	340	...			
2696 Cutting, shaping & finishing of stone	109	107	108	141	47	45	39	56	15	19			
2699 Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	e/	97			
2710 Basic iron and steel	...	...	...	...	...	...	...	...	...	186			
2720 Basic precious and non-ferrous metals	...	...	...	...	...	...	...	...	258	306			
273 Casting of metals	979	997	1087	1178	412	411	410	447	61	79			
2731 Casting of iron and steel	537	509	493	519	232	227	207	208	...	...			
2732 Casting of non-ferrous metals	442	488	594	659	181	184	204	240	...	...			
281 Struct.metal products;tanks;steam generators	9398	9624	10571	11592	2945	3030	3298	3580	458	473			
2811 Structural metal products	...	7220	7951	8932	...	2301	2555	2808	328	380			
2812 Tanks, reservoirs and containers of metal	1882	2032	2178	2133	630	658	680	682	f/	115			
2813 Steam generators	...	371	442	527	...	71	62	89	f/	15			
289 Other metal products; metal working services	7909	8213	8842	9722	3140	3286	3510	3740	...	910			
2891 Metal forging/pressing/stamping/roll-forming	1817	1924	2089	2114	654	677	759	749	...	145			
2892 Treatment & coating of metals	1742	1762	1856	2356	832	861	863	1046	387	392			
2893 Cutlery, hand tools and general hardware	924	958	1012	1125	454	478	518	560	67	100			
2899 Other fabricated metal products n.e.c.	3426	3569	3885	4127	1200	1270	1370	1385	220	273			
291 General purpose machinery	10087	10954	11414	12660	3591	3644	3848	4286	...	...			
2911 Engines & turbines(not for transport equip.)	985	1374	1651	1645	292	341	318	293	g/	209			
2912 Pumps, compressors, taps and valves	2332	2128	2252	2672	817	777	836	996	g/	...			
2913 Bearings, gears, gearing & driving elements	275	360	378	405	107	140	164	172	g/	...			
2914 Ovens, furnaces and furnace burners	348	338	164	86	92	77	35	28	h/	351			
2915 Lifting and handling equipment	2464	2701	2949	3121	867	853	981	996	h/	...			
2919 Other general purpose machinery	3683	4053	4019	4732	1416	1456	1514	1801	h/	...			

292	Special purpose machinery	8007	9218	10179	10515	3008	3275	3407	3207				
2921	Agricultural and forestry machinery	1291	1256	1455	1550	460	432	519	543			71	86
2922	Machine tools	608	733	735	781	223	292	240	273			28	34
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...			300	426
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...	i/		...	...
2925	Food/beverage/tobacco processing machinery	1971	1950	1599	1766	748	741	610	670	i/		...	...
2926	Machinery for textile, apparel and leather	661	631	508	515	294	279	232	235	i/		...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	i/		9	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	i/		29	...
2930	Domestic appliances n.e.c.	438	529	682	682	143	156	209	211			...	...
3000	Office, accounting and computing machinery	3333	3155	5174	5784	856	833	1002	1216			122	174
3110	Electric motors, generators and transformers	641	604	676	883	188	205	221	267			34	35
3120	Electricity distribution & control apparatus	1863	1894	2069	1878	721	787	795	701			84	155
3130	Insulated wire and cable	1113	1327	1384	1318	425	480	479	509			47	58
3140	Accumulators, primary cells and batteries	...	...	...	...	...	...	...	...	j/		1	2
3150	Lighting equipment and electric lamps	...	...	...	...	...	...	...	...	j/		20	29
3190	Other electrical equipment n.e.c.	...	...	...	...	...	...	...	...			56	...
3210	Electronic valves, tubes, etc.	...	...	...	...	...	...	...	...			...	...
3220	TV/radio transmitters; line comm. apparatus	...	...	...	...	...	...	...	...			...	...
3230	TV and radio receivers and associated goods	...	...	...	...	...	...	...	...			...	...
331	Medical, measuring, testing appliances, etc.	...	...	...	...	...	...	...	...			202	219
3311	Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...			120	108
3312	Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...			77	99
3313	Industrial process control equipment	...	...	...	...	...	...	...	...			5	12
3320	Optical instruments & photographic equipment	...	...	...	...	...	...	...	...	k/		37	23
3330	Watches and clocks	...	...	...	...	...	...	...	...	k/		1	2
3410	Motor vehicles	...	...	...	...	...	...	...	...			228m/	...
3420	Automobile bodies, trailers & semi-trailers	1833	1870	1795	2147	521	527	509	571			63	...
3430	Parts/accessories for automobiles	1273	1498	1694	1732	427	402	472	483			56	...
351	Building and repairing of ships and boats	3973	4235	4461	5474	1056	1046	958	1210			184	184
3511	Building and repairing of ships	3504	3755	3892	4857	911	901	799	1034			...	...
3512	Building/repairing of pleasure/sport. boats	469	480	569	616	146	145	159	176			...	...
3520	Railway/tramway locomotives & rolling stock	...	...	...	...	...	...	...	...	n/		5	1
3530	Aircraft and spacecraft	...	...	...	...	...	...	...	...			...	...
359	Transport equipment n.e.c.	709	756	899	1109	204	229	271	313			...	...
3591	Motorcycles	...	...	...	...	...	...	...	...			...	...
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...			19p/	...
3599	Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	n/		...	...
3610	Furniture	3873	3982	4397	4788	1414	1394	1522	1635			280	321
369	Manufacturing n.e.c.	975	1065	1181	1179	403	439	488	480			114	109
3691	Jewellery and related articles	81	107	112	126	33	43	44	49			10	22
3692	Musical instruments	...	...	...	...	...	...	...	...			3	3
3693	Sports goods	...	...	...	...	...	...	...	...			4	7
3694	Games and toys	...	...	...	...	...	...	...	...			6	6
3699	Other manufacturing n.e.c.	...	...	...	...	...	...	...	...			91	71
3710	Recycling of metal waste and scrap	...	...	...	...	...	...	...	...			6	10
3720	Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...			81	146
D	Total manufacturing	296860	306095	333445	...	91276	87928	94093	95526			19710	18828

a/ Value added in factor values.

b/ 1531 includes 1532.

c/ 1722 includes 1723 and 1729.

d/ 2102 includes 2109.

e/ 2694 includes 2699.

f/ 2812 includes 2813.

g/ 2911 includes 2912 and 2913.

h/ 2914 includes 2915 and 2919.

i/ 2923 includes 2924, 2925, 2926 and 2929.

j/ 3140 includes 3150.

k/ 3320 includes 3330.

m/ 3410 includes 3530.

n/ 3520 includes 3599.

p/ 3591 includes 3592.

Netherlands

ISIC Revision 3	Index numbers of industrial production													
	ISIC Industry	Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15	Food and beverages		92	93	97	100	105	107	109	115	118	121	127	129
16	Tobacco products		85	78	91	100	106	103	96	106	116	111	115	118
17	Textiles		91	93	96	100	96	88	86	85	84	85	91	95
18	Wearing apparel, fur		71	83	91	100	96	88	86	84	72	68	69	72
19	Leather, leather products and footwear		123	117	101	100	96	88	86	77	69	67	69	75
20	Wood products (excl. furniture)		91	99	101	100	97	94	93	99	103	98	99	100
21	Paper and paper products		86	93	98	100	99	100	97	104	105	103	111	112
22	Printing and publishing		89	94	97	100	102	100	100	103	105	108	113	119
23	Coke, refined petroleum products, nuclear fuel		85	95	90	100	100	102	97	109	116	119	127	127
24	Chemicals and chemical products		88	94	98	100	97	98	99	109	116	111	117	118
25	Rubber and plastics products		79	86	95	100	102	101	99	106	106	108	110	114
26	Non-metallic mineral products		90	96	99	100	97	94	93	99	99	101	103	106
27	Basic metals		92	101	106	100	101	98	97	109	110	107	113	113
28	Fabricated metal products		86	90	95	100	104	104	96	101	105	105	110	111
29	Machinery and equipment n.e.c.		...	...	...	100	100	97	95	100	106	111	118	119
30	Office, accounting and computing machinery	a/	...	...	...	100	99	99	101	107	110	111	119	123
31	Electrical machinery and apparatus	a/	...	...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment	a/	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	a/	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers		...	...	...	100	97	96	67	78	91	101	114	135
35	Other transport equipment		...	...	...	100	104	105	95	90	86	87	95	97
36	Furniture; manufacturing n.e.c.		...	...	...	100	97	94	93	93	95	95	101	102
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		89	93	97	100	100	100	98	104	108	108	114	117

a/ 30 includes 31, 32 and 33.

## NEW ZEALAND

**Supplier of information:**

Statistics New Zealand, Wellington.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.

**Basic source of data:**

Annual business frame update survey.

**Major deviations from ISIC (Revision 3):**

Data collected under the national classification system have been reclassified to correspond with ISIC (Rev. 3). Some accuracy is lost in this translation as not all ISIC (Rev. 3) categories are represented.

**Reference period (if not calendar year):**

Fiscal year beginning 1 April of the year indicated.

**Scope:**

Establishments with paid employees.

**Method of enumeration:**

Questionnaires are distributed by mail.

**Adjusted for non-response:**

No.

**Concepts and definitions of variables:**

Number of employees is converted to full-time equivalent.

**Related national publications:**

Annual New Zealand Business Frame Update Survey; Labour Market Statistics, both published by Statistics New Zealand, Wellington.

New Zealand

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand DOLLARS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		547	528	581	574	33610	34970	43202	45822		945471	988452	1003076	961742	
1511 Processing/preserving of meat		283	280	260	251	23580	25370	25291	25434		712122	748859	763704	725289	
1512 Processing/preserving of fish		147	135	142	140	4960	4880	7249	6882		108686	120353	127346	118737	
1513 Processing/preserving of fruit & vegetables		89	89	81	78	4670	4210	1851	3743		100711	92666	89520	95489	
1514 Vegetable and animal oils and fats		30	26	24	30	420	510	348	350		23953	26574	22505	22226	
1520 Dairy products		86	85	32	34	7740	8070	6859	7072		273362	317817	311774	305806	
153 Grain mill products; starches; animal feeds		87	76	80	92	1460	1310	3388	964		54952	51265	51875	46068	
1531 Grain mill products		14	13	12	11	510	330	77	43		9365	8615	8386	7195	
1532 Starches and starch products		-	-	10	15a/	-	-	580	396a/		-	-	-	a/	
1533 Prepared animal feeds		73	63	58	66	950	970	2732	525		45587	42650	43489	38873	
154 Other food products		574	541	506	523	11100	11370	11878	11766		310687	310940	307173	307824	
1541 Bakery products		261	228	217	212	4910	4970	6434	6312		131665	132132	142115	139175	
1542 Sugar		4	4	2	2	200	190	170	182		-	-	-	-	
1543 Cocoa, chocolate and sugar confectionery		72	71	71	69	1640	1720	1113	1021		43371	42298	31737	31057	
1544 Macaroni, noodles & similar products		21	16	12	a/	530	480	410	a/		-	-	-	a/	
1549 Other food products n.e.c.		216	222	216	240	3800	4020	4162	4252		112156	116098	114320	117538	
155 Beverages		200	214	208	228	2860	2930	4086	4090		91614	97622	110994	106013	
1551 Distilling, rectifying & blending of spirits		6	9	7	10	100	85	36	51		1067	790	721	887	
1552 Wines		121	126	133	144	860	990	1082	1388		14215	24746	29274	32496	
1553 Malt liquors and malt		46	47	46	46	1220	1170	1794	1477		53814	47444	55734	42932	
1554 Soft drinks; mineral waters		27	32	22	28	680	670	1174	1175		22518	24642	25264	29699	
1600 Tobacco products		2	2	3	3	500	490	446	481		17853	18506	18164	20147	
171 Spinning, weaving and finishing of textiles		151	148	132	139	3630	3310	2902	2486		97267	94554	83535	81664	
1711 Textile fibre preparation; textile weaving		114	118	106	110	3330	3050	2691	2255		88432	87056	77702	76061	
1712 Finishing of textiles		37	30	26	29	300	260	211	231		8834	7498	5833	5603	
172 Other textiles		532	548	529	559	4090	4130	3655	4353		89880	82506	82910	90364	
1721 Made-up textile articles, except apparel		364	382	377	396	2000	2030	2051	2011		40221	41464	44210	45164	
1722 Carpets and rugs		36	31	27	27	1000	950	546	1454		29336	20019	20436	28905	
1723 Cordage, rope, twine and netting		16	20	17	18	320	330	467	110		8434	8342	6398	5021	
1729 Other textiles n.e.c.		116	115	108	119	780	830	592	779		11888	12681	11866	11274	
1730 Knitted and crocheted fabrics and articles		124	107	107	102	2080	1730	1532	1526		38489	31396	26566	24870	
1810 Wearing apparel, except fur apparel		...	...	1062	1066	...	...	9376	8218		197834	172256	154359	148556	
1820 Dressing & dyeing of fur; processing of fur		...	...	14	13	...	...	520	480		...	...	-	-	
191 Tanning, dressing and processing of leather		189	185	154	153	2910	2790	2018	1733		68986	65935	60357	59680	
1911 Tanning and dressing of leather		66	62	57	55	2510	2410	2179	1904		62178	58873	53143	52476	
1912 Luggage, handbags, etc.; saddlery & harness		123	123	111	111	400	380	358	309		6807	7062	7213	7205	
1920 Footwear		72	67	59	55	1640	1470	1306	960		37806	33886	28236	23011	
2010 Sawmilling and planing of wood		534	549	422	433	7560	7510	7955	8340		203632	209465	218910	218003	
202 Products of wood, cork, straw, etc.		1352	1375	1461	1546	8450	8360	9046	8861		241211	244510	246627	232512	
2021 Veneer sheets, plywood, particle board, etc.		32	33	36	38	2730	2660	1982	1757		94607	101570	97070	87045	
2022 Builders' carpentry and joinery		966	985	1071	1116	4340	4430	5621	5673		104244	107736	112959	108888	
2023 Wooden containers		354	357	354	392b/	1390	1270	1444	1432b/		42360	35204	36598	36579b/	
2029 Other wood products; articles of cork/straw		-	-	-	b/	-	-	-	b/		-	-	-	b/	
210 Paper and paper products		115	98	92	95	8540	8660	8659	8056		351421	352811	331605	316172	
2101 Pulp, paper and paperboard		16	18	10	8	3620	3680	3593	3002		192513	196382	192086	179138	
2102 Corrugated paper and paperboard		44	32	32	31	3060	3070	3516	2983		93723	89528	83007	77711	
2109 Other articles of paper and paperboard		58	51	50	56	1850	1910	1551	2072		65184	66901	56513	59323	
221 Publishing		674	661	663	677	9600	9410	9448	9853		295598	314160	316347	316592	
2211 Publishing of books and other publications		198	192	202	200	1290	1350	1368	1337		...	...	...	...	
2212 Publishing of newspapers, journals, etc.		469	466	461	477	8310	8060	8080	8516		253538	262977	269587	271154	
2213 Publishing of recorded media		8	5	12	...	9	9	9	...		...	...	...	...	
2219 Other publishing		-	-	-	...	-	-	-	...		...	...	...	...	

222	Printing and related service activities	1431	1403	1358	1335	9620	9860	10380	10026	358500	377559	388758	417800
2221	Printing	1045	1018	993	984	7960	8170	8851	8614	307684	324153	340811	363430
2222	Service activities related to printing	391	390	365	351	1660	1700	1529	1412	50815	53406	47947	54371
2230	Reproduction of recorded media	-	-	12	16	-	-	9	14	-	-	-	-
2310	Coke oven products	39	35	23	25	400	380	166	176	...	...	...	...
2320	Refined petroleum products	2	2	3	2	570	550	594	484	...	...	...	...
2330	Processing of nuclear fuel	-	-	-	-	-	-	-	-	...	...	...	...
241	Basic chemicals	192	197	174	182	4330	4010	4028	3877	154590	151656	153685	149162
2411	Basic chemicals, except fertilizers	20	19	36	35	490	540	932	972	27847	28371	27528	32067
2412	Fertilizers and nitrogen compounds	82	75	49	50	1310	1220	976	962	45988	53167	52166	50711
2413	Plastics in primary forms; synthetic rubber	91	103	89	97	2530	2240	2120	1944	80756	70118	73991	66384
242	Other chemicals	307	309	280	299	5990	5710	6261	5969	208333	203138	187021	175502
2421	Pesticides and other agro-chemical products	10	9	11	10	290	170	226	135	9740	8915	9091	6213
2422	Paints, varnishes, printing ink and mastics	52	52	48	56	1420	1410	2229	2213	42223	40842	42583	38296
2423	Pharmaceuticals, medicinal chemicals, etc.	70	74	67	72	1590	1390	1384	1081	59638	56243	51090	44832
2424	Soap, cleaning & cosmetic preparations	102	99	85	91	2000	2020	1797	1814	76553	76935	65065	66520
2429	Other chemical products n.e.c.	75	77	69	70	600	730	626	726	20179	20203	19204	19642
2430	Man-made fibres	-	-	33	34	-	-	206	172	-	-	-	-
251	Rubber products	93	80	80	84	1850	1880	968	1593	69294	68078	63626	55221
2511	Rubber tyres and tubes	18	16	14	17	1060	1070	160	867	44481	41378	37183	34407
2519	Other rubber products	76	65	66	67	790	810	808	726	24813	26700	26443	20814
2520	Plastic products	465	487	474	482	7910	8130	7301	7165	235557	237153	232749	235208
2610	Glass and glass products	144	122	119	125	1130	1140	1596	1063	38278	39690	40450	37740
269	Non-metallic mineral products n.e.c.	551	553	541	533	4650	4860	5834	5978	139217	144296	151507	165166
2691	Pottery, china and earthenware	226	228	206	182	460	500	431	479	6688	7484	6689	11016
2692	Refractory ceramic products	11	10	13	13	60	70	70	65	1727	2045	2694	2662
2693	Struct.non-refractory clay; ceramic products	12	11	9	10	210	180	236	199	4697	4652	4669	4155
2694	Cement, lime and plaster	30	29	30	27	730	760	1149	1048	27915	27975	29124	32127
2695	Articles of concrete, cement and plaster	198	203	209	223	2460	2660	3165	3420	73409	77733	83630	91421
2696	Cutting, shaping & finishing of stone	-	-	74	78c/	-	-	784	769c/	-	-	-	23785c/
2699	Other non-metallic mineral products n.e.c.	79	79	84	...c/	730	690	640	...c/	24781	24406	24700	...c/
2710	Basic iron and steel	122	125	52	85	3220	3110	2255	2055	141258	130101	116325	115631
2720	Basic precious and non-ferrous metals	29	31	14	15	1740	1780	1066	1064	81721	89996	94341	82739
273	Casting of metals	62	61	126	136	840	970	1233	1140	31280	33138	19114	18916
2731	Casting of iron and steel	87	86	70	83	...	...	742	647	...	...	...	...
2732	Casting of non-ferrous metals	78	80	56	53	...	...	492	493	31280	33138	19114	18916
281	Struct.metal products;tanks;steam generators	861	861	890	992	7230	7830	7989	9174	185240	236962	235920	228402
2811	Structural metal products	814	821	854	954	6070	6640	7139	7287	147498	177465	183168	178390
2812	Tanks, reservoirs and containers of metal	48	41	36	38	1150	1190	851	1887	37742	59497	52752	50013
2813	Steam generators	-	-	-	-	-	-	-	-	-	-	-	-
289	Other metal products; metal working services	1569	1638	1720	1916	10730	10670	12771	12344	293464	307440	320957	316519
2891	Metal forging/pressing/stamping/roll-forming	241	251	276	307	2690	2710	5337	5093	84368	90720	99186	99968
2892	Treatment & coating of metals	403	392	345	330	1470	1440	1178	1114	35638	34533	34069	30253
2893	Cutlery, hand tools and general hardware	107	111	111	108	780	800	940	796	14255	14217	20501	22714
2899	Other fabricated metal products n.e.c.	834	898	988	1171	5790	5730	5318	5342	159204	167970	167200	163584
291	General purpose machinery	155	167	171	184	1330	1330	1242	1295	51022	52584	49953	56524
2911	Engines & turbines(not for transport equip.)	-	-	-	-	-	-	-	-	-	-	-	-
2912	Pumps, compressors, taps and valves	35	41	49	46	220	180	134	134	13049	11997	7538	5645
2913	Bearings, gears, gearing & driving elements	-	-	-	-	-	-	-	-	-	-	-	-
2914	Ovens, furnaces and furnace burners	-	-	-	-	-	-	-	-	-	-	-	-
2915	Lifting and handling equipment	82	85	88	98	740	780	707	783	26134	29000	30136	38777
2919	Other general purpose machinery	38	41	34	40	370	360	401	378	11839	11587	12279	12102
292	Special purpose machinery	2552	2731	2669	2645	12240	12740	12408	11752	399887	425111	426314	379745
2921	Agricultural and forestry machinery	391	368	339	338	1740	1770	1702	1553	45136	49897	43789	38863
2922	Machine tools	213	215	221	222d/	1420	1420	1211	1231d/	40355	39363	38811	41491d/
2923	Machinery for metallurgy	-	-	-	...d/	-	-	-	...d/	-	-	-	...d/
2924	Machinery for mining & construction	6	6	9	13	65	70	76	73	...	...	...	...
2925	Food/beverage/tobacco processing machinery	21	19	23	23	100	120	81	62	...	...	...	...
2926	Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-	-	-
2927	Weapons and ammunition	-	-	-	-	-	-	-	-	-	-	-	-
2929	Other special purpose machinery	1925	2127	2077	2049	8910	9370	9338	8834	311844	333420	340161	298302
2930	Domestic appliances n.e.c.	56	58	55	49	4400	4330	4942	4417	123435	123562	115590	110738

continued



New Zealand

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand DOLLARS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		61	59	75	77		340	380	574	654		11716	11703	12655	15679
3110 Electric motors, generators and transformers		-	-	245	251e/		-	-	2963	2825e/		-	-	-	191360e/
3120 Electricity distribution & control apparatus		270	263	253	...e/		3560	3320	2890	...e/		166131	184885	183011	...e/
3130 Insulated wire and cable		11	10	10	12		650	640	685	585		22514	23537	24870	23513
3140 Accumulators, primary cells and batteries		6	6	6	7		190	190	98	131		...	...	...	5864
3150 Lighting equipment and electric lamps		53	55	59	61		440	430	405	484		...	...	...	10260
3190 Other electrical equipment n.e.c.		-	-	-	...e/		-	-	-	...e/		-	-	-	...e/
3210 Electronic valves, tubes, etc.		-	-	167	174f/		-	-	1431	1528f/		-	-	-	49151f/
3220 TV/radio transmitters; line comm. apparatus		55	56	52	57		1160	1270	1404	1364		27219	31012	33986	38681
3230 TV and radio receivers and associated goods		163	167	169	...f/		1040	990	1490	...f/		31361	35745	48573	...f/
331 Medical, measuring, testing appliances, etc.		223	236	247	270		690	760	917	854		15442	19120	30768	29699
3311 Medical, surgical and orthopaedic equipment		154	161	167	185		400	430	432	633		9503	10953	20109	20875
3312 Measuring/testing/navigating appliances, etc.		-	-	80	85g/		-	-	485	221g/		-	-	-	8824g/
3313 Industrial process control equipment		69	75	81	...g/		290	340	350	...g/		5940	8167	10660	...g/
3320 Optical instruments & photographic equipment		23	26	26	26		160	150	152	160		3229	3245	3565	3107
3330 Watches and clocks		-	-	-	...		-	-	-	...		-	-	-	-
3410 Motor vehicles		92	91	68	68		2290	2190	1601	1460		72037	74821	57550	39225
3420 Automobile bodies, trailers & semi-trailers		177	166	183	179		960	1010	1063	964		39965	36848	30892	30876
3430 Parts/accessories for automobiles		336	328	320	334		2350	2230	2168	2161		52416	53512	54783	51064
351 Building and repairing of ships and boats		530	572	566	615		2840	2870	2964	2645		81168	79021	79315	75533
3511 Building and repairing of ships		145	131	116	104		1250	1210	1199	1017		49697	39090	36937	35805
3512 Building/repairing of pleasure/sport. boats		386	442	450	511		1580	1660	1766	1629		31471	39931	42378	39728
3520 Railway/tramway locomotives & rolling stock		1	1	-	-		2100	2240	-	-		76394	79138	83759	86592
3530 Aircraft and spacecraft		112	110	104	108		2700	2870	736	781		115663	130537	147310	151617
359 Transport equipment n.e.c.		34	31	27	27		320	290	120	142		11110	10707	7527	7374
3591 Motorcycles		...	...	...	...		...	...	-	...		...	...	-	-
3592 Bicycles and invalid carriages		...	...	...	...		...	...	-	...		11110	10707	7528	7374
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	-	...		...	...	-	-
3610 Furniture		1738	1733	1754	1802		7900	7860	7403	7226		189274	186188	169837	162970
369 Manufacturing n.e.c.		1055	1053	1011	978		3210	3000	3063	2652		70507	67555	60512	56055
3691 Jewellery and related articles		295	292	290	298		550	540	495	509		11276	9797	7986	7211
3692 Musical instruments		-	-	-	...h/		-	-	-	...h/		-	-	-	...h/
3693 Sports goods		-	-	213	193i/		-	-	491	406i/		-	-	-	4931i/
3694 Games and toys		205	212	217	...i/		480	530	490	...i/		7563	7604	6652	...i/
3699 Other manufacturing n.e.c.		555	549	508	487h/		2180	1930	2077	1738h/		51668	50153	45874	43913h/
3710 Recycling of metal waste and scrap		...	...	...	...		...	...	-	...		...	...	-	...
3720 Recycling of non-metal waste and scrap		...	...	...	...		...	...	-	...		...	...	-	...
D Total manufacturing		19730	19916	19754	20409		228250	228590	228197	224180		6884928	7099139	7044377	6875309

a/ 1532 includes 1544.  
b/ 2023 includes 2029.  
c/ 2696 includes 2699.  
d/ 2922 includes 2923.  
e/ 3110 includes 3120 and 3190.  
f/ 3210 includes 3230.  
g/ 3312 includes 3313.  
h/ 3699 includes 3692.  
i/ 3693 includes 3694.

New Zealand

ISIC Revision 3	Index numbers of industrial production													
	ISIC Industry	Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15	Food and beverages	a/	114	107	107	100	101	102	106	110	114	120	119	127
16	Tobacco products	a/	...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles	b/	120	110	102	100	86	89	88	92	95	90	87	79
18	Wearing apparel, fur	b/	...	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear	b/	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)		120	113	103	100	98	100	111	124	138	137	140	144
21	Paper and paper products	c/	96	104	98	100	98	96	95	102	106	107	105	103
22	Printing and publishing	c/	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke,refined petroleum products,nuclear fuel	d/	104	98	100	100	95	94	99	109	120	122	117	115
24	Chemicals and chemical products	d/	...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products	d/	...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products		124	113	106	100	96	90	100	108	122	129	136	145
27	Basic metals	e/	95	87	94	100	95	93	113	129	130	134	137	138
28	Fabricated metal products	e/	...	...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.	f/	104	105	97	100	88	80	84	91	101	100	107	110
30	Office, accounting and computing machinery	f/	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	f/	...	...	...	...	...	...	...	...	...	...	...	...
32	Radio,television and communication equipment	f/	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	f/	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	f/	...	...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment	f/	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		108	105	102	100	95	93	97	104	111	113	114	117

- a/ 15 includes 16.
- b/ 17 includes 18 and 19.
- c/ 21 includes 22.
- d/ 23 includes 24 and 25.
- e/ 27 includes 28.
- f/ 29 includes 30, 31, 32, 33, 34 and 35.

## NIGER

**Supplier of information:**

Direction de la statistique et des comptes nationaux, Ministère du plan, Niamey.

**Basic source of data:**

Annual accounts survey.

**Major deviations from ISIC (Revision 2):**

None reported.

**Reference period (if not calendar year):****Scope:**

All industrial enterprises in the modern sector.

**Method of enumeration:**

Questionnaires are distributed by mail with follow-up site visits as required.

**Adjusted for non-response:**

Yes.

**Concepts and definitions of variables:**

No deviations from the standard UN concepts and definitions are reported.

**Related national publications:**

Rapport sur les statistiques des entreprises, 1990-96, published by the Direction de la statistique et des comptes nationaux, Ministère du plan, Niamey.

## Niger

ISIC Revision 2 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million CFA FRANCS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		13a/	14a/	...	...		...	...	...	...	a/	908	854	975	989
313 Beverages		...a/	...a/	...	...		...	...	...	...	a/	...	...	...	...
314 Tobacco		...a/	...a/	...	...		...	...	...	...	a/	...	...	...	...
321 Textiles		4b/	4b/	...	...		...	...	...	...	b/	513	456	505	512
322 Wearing apparel, except footwear		...b/	...b/	...	...		...	...	...	...	b/	...	...	...	...
323 Leather and fur products		...b/	...b/	...	...		...	...	...	...	b/	...	...	...	...
324 Footwear, except rubber or plastic		...b/	...b/	...	...		...	...	...	...	b/	...	...	...	...
331 Wood products, except furniture		3c/	3c/	...	...		...	...	...	...	c/	11	13	14	14
332 Furniture and fixtures, excl. metal		...c/	...c/	...	...		...	...	...	...	c/	...	...	...	...
341 Paper and products		14d/	15d/	...	...		...	...	...	...	d/	381	398	399	405
342 Printing and publishing		...d/	...d/	...	...		...	...	...	...	d/	...	...	...	...
351 Industrial chemicals		3e/	3e/	...	...		...	...	...	...	e/	664	548	566	574
352 Other chemicals		...e/	...e/	...	...		...	...	...	...	e/	...	...	...	...
353 Petroleum refineries		...e/	...e/	...	...		...	...	...	...	e/	...	...	...	...
354 Misc. petroleum and coal products		...e/	...e/	...	...		...	...	...	...	e/	...	...	...	...
355 Rubber products		...e/	...e/	...	...		...	...	...	...	e/	...	...	...	...
356 Plastic products		...e/	...e/	...	...		...	...	...	...	e/	...	...	...	...
361 Pottery, china, earthenware		3f/	3f/	...	...		...	...	...	...	f/	398	419	456	463
362 Glass and products		...f/	...f/	...	...		...	...	...	...	f/	...	...	...	...
369 Other non-metallic mineral products		...f/	...f/	...	...		...	...	...	...	f/	...	...	...	...
371 Iron and steel		...	...	...	...		...	...	...	...		...	...	...	...
372 Non-ferrous metals		...	...	...	...		...	...	...	...		...	...	...	...
381 Fabricated metal products		7g/	7g/	...	...		...	...	...	...	g/	153	145	151	153
382 Non-electrical machinery		...g/	...g/	...	...		...	...	...	...	g/	...	...	...	...
383 Electrical machinery		...g/	...g/	...	...		...	...	...	...	g/	...	...	...	...
384 Transport equipment		...g/	...g/	...	...		...	...	...	...	g/	...	...	...	...
385 Professional and scientific equipment		...g/	...g/	...	...		...	...	...	...	g/	...	...	...	...
390 Other manufacturing industries		...	...	...	...		...	...	...	...		...	...	...	...
3 Total manufacturing		47	49	...	...		...	...	...	...		3028	2833	3066	3110

a/ 311/2 includes 313 and 314.

b/ 321 includes 322, 323 and 324.

c/ 331 includes 332.

d/ 341 includes 342.

e/ 351 includes 352, 353, 354, 355 and 356.

f/ 361 includes 362 and 369.

g/ 381 includes 382, 383, 384 and 385.

## Niger

ISIC Revision 2 ISIC Industry	Output in producers' prices					Value added in producers' prices					Gross fixed capital formation		
	Note	(million CFA FRANCS)				Note	(million CFA FRANCS)				Note	(million CFA FRANCS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
311/2 Food products	a/	9259	9389	11164	11304	a/	1530	1282	1775	1697	a/	838	850
313 Beverages	a/	...	...	...	...	a/	...	...	...	...	a/	...	...
314 Tobacco	a/	...	...	...	...	a/	...	...	...	...	a/	...	...
321 Textiles	b/	2295	1937	3094	3069	b/	9	55	243	784	b/	-	-
322 Wearing apparel, except footwear	b/	...	...	...	...	b/	...	...	...	...	b/	...	...
323 Leather and fur products	b/	...	...	...	...	b/	...	...	...	...	b/	...	...
324 Footwear, except rubber or plastic	b/	...	...	...	...	b/	...	...	...	...	b/	...	...
331 Wood products, except furniture	c/	130	119	164	163	c/	24	26	40	43	c/	-	-
332 Furniture and fixtures, excl. metal	c/	...	...	...	...	c/	...	...	...	...	c/	...	...
341 Paper and products	d/	2568	3370	4445	5138	d/	1156	1784	2514	3170	d/	428	434
342 Printing and publishing	d/	...	...	...	...	d/	...	...	...	...	d/	...	...
351 Industrial chemicals	e/	3773	3795	4065	4087	e/	795	1081	1317	1547	e/	55	56
352 Other chemicals	e/	...	...	...	...	e/	...	...	...	...	e/	...	...
353 Petroleum refineries	e/	...	...	...	...	e/	...	...	...	...	e/	...	...
354 Misc. petroleum and coal products	e/	...	...	...	...	e/	...	...	...	...	e/	...	...
355 Rubber products	e/	...	...	...	...	e/	...	...	...	...	e/	...	...
356 Plastic products	e/	...	...	...	...	e/	...	...	...	...	e/	...	...
361 Pottery, china, earthenware	f/	2044	1987	2609	2620	f/	489	518	847	921	f/	23	98
362 Glass and products	f/	...	...	...	...	f/	...	...	...	...	f/	...	...
369 Other non-metallic mineral products	f/	...	...	...	...	f/	...	...	...	...	f/	...	...
371 Iron and steel	...	...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products	g/	1880	1359	1461	1269	g/	550	403	522	412	g/	21	21
382 Non-electrical machinery	g/	...	...	...	...	g/	...	...	...	...	g/	...	...
383 Electrical machinery	g/	...	...	...	...	g/	...	...	...	...	g/	...	...
384 Transport equipment	g/	...	...	...	...	g/	...	...	...	...	g/	...	...
385 Professional and scientific equipment	g/	...	...	...	...	g/	...	...	...	...	g/	...	...
390 Other manufacturing industries	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		21950	21956	27002	27650		4553	5149	7258	8574		1365	1460

a/ 311/2 includes 313 and 314.

b/ 321 includes 322, 323 and 324.

c/ 331 includes 332.

d/ 341 includes 342.

e/ 351 includes 352, 353, 354, 355 and 356.

f/ 361 includes 362 and 369.

g/ 381 includes 382, 383, 384 and 385.

## Niger

ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
311/2 Food products		...	...	...	...	...	...	...	...	...	...	...	...
313 Beverages		...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco		...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	...	...	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		...	...	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		...	...	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

## NORWAY

**Supplier of information:**

Statistisk sentralbyrå (Statistics Norway), Oslo.  
Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.

**Basic source of data:**

Annual industrial inquiry.

**Major deviations from ISIC (Revision 3):**

Data presented in ISIC (Rev. 3), were originally classified according to the NACE (Revision 1).

**Reference period (if not calendar year):****Scope:**

All establishments. Enterprises with individual proprietorship where the owner is working alone (one-man establishments) and establishments with employment less than half a man-year worked, are not included.

**Method of enumeration:**

Not reported.

**Adjusted for non-response:**

Not reported.

**Concepts and definitions of variables:**

Number of employees is calculated as the average number of employees throughout the year, whether full- or part-time; homeworkers are not included.

Wages and salaries comprises all payments, whether in cash or in kind, made by the employer in connection with work done, to all persons included in the count of employees (also employed outworkers). It includes taxes, social insurance and pension contributions payable by the employee, but deducted by the employer. Bonuses, production awards, holiday allowances and wages paid during periods of sickness, military leave or other absences, and commission earned by salesmen and representatives are also included.

Output refers to gross output and is valued in producers' prices, excluding all subsidies, and including all indirect taxes but VAT. Included are the values of all goods produced on own account, repair work for others, mounting or installation of own products and merchandise, contract work, other work, own-account investment work, own-account repair work, rental receipts and gross profit of goods sold in the same condition as purchased.

Value added is valued at market prices and equal to gross value of production less cost of goods and services consumed. It excludes all subsidies and includes all taxes but VAT.

Gross fixed capital formation is defined as the acquisition of fixed durable assets, new and used, with an expected productive life of more than one year, including own-account investment work, less receipts from sales of fixed durable assets.

**Related national publications:** Industristatistikk (annual), published by Statistics Norway, Oslo.

## Norway

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million KRÖNER)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		816	814	836	831		25361	25945	26532	26612		4843	5135	5557	5828
1511 Processing/preserving of meat		244	251	257	248		10831	11443	11528	11688		2245	2391	2483	2599
1512 Processing/preserving of fish		493	493	509	514		12490	12437	12843	12797		2165	2296	2552	2714
1513 Processing/preserving of fruit & vegetables		54	51	49	46		1373	1438	1355	1459		271	290	294	327
1514 Vegetable and animal oils and fats		25	19	21	23		667	627	806	668		162	157	228	188
1520 Dairy products		114	99	99	94		5654	5507	5635	5750		1220	1267	1335	1413
153 Grain mill products; starches; animal feeds		170	174	183	176		2536	2665	2618	2595		627	664	710	746
1531 Grain mill products		81	82	83	73		...	...	...	...		...	...	...	...
1532 Starches and starch products		3	3	3	3		...	...	...	...		...	...	...	...
1533 Prepared animal feeds		86	89	97	100		1715	1818	1804	1807		442	480	515	554
154 Other food products		612	588	510	506		11651	11918	11572	12149		2228	2274	2342	2635
1541 Bakery products		556	533	457	452		7189	7416	7453	7872		1302	1245	1391	1580
1542 Sugar		-	-	-	-		...	...	...	...		...	...	...	...
1543 Cocoa, chocolate and sugar confectionery		9	8	9	10		2190	2279	2179	2216		465	495	473	468
1544 Macaroni, noodles & similar products		4	4	4	5		167	158	186	180		37	34	49	53
1549 Other food products n.e.c.		43	43	40	39		2105	2065	1754	1881		423	500	430	534
155 Beverages		54	52	50	46		...	...	...	...		...	...	...	...
1551 Distilling, rectifying & blending of spirits		9	6	6	6		...	...	...	...		...	...	...	...
1552 Wines		2	2	1	1		...	...	...	...		...	...	...	...
1553 Malt liquors and malt		20	18	19	16		3412	3161	3332	3452		801	798	804	852
1554 Soft drinks; mineral waters		23	26	24	23		1926	2206	1797	1668		422	500	452	396
1600 Tobacco products		2	2	2	2		...	...	...	...		...	...	...	...
171 Spinning, weaving and finishing of textiles		53	46	47	44		1409	1428	1547	1360		259	271	311	285
1711 Textile fibre preparation; textile weaving		32	24	24	25		1097	1101	1168	1207		203	208	237	253
1712 Finishing of textiles		21	22	23	19		312	327	379	153		56	63	74	32
172 Other textiles		214	228	242	247		2482	2798	2747	3056		449	516	558	644
1721 Made-up textile articles, except apparel		117	123	132	134		1135	1206	1142	1322		200	221	230	282
1722 Carpets and rugs		10	6	6	5		...	...	...	...		...	...	...	...
1723 Cordage, rope, twine and netting		67	74	74	74		988	1188	1183	1249		186	220	242	262
1729 Other textiles n.e.c.		20	25	30	34		...	...	...	...		...	...	...	...
1730 Knitted and crocheted fabrics and articles		40	41	43	40		817	805	925	816		130	139	156	149
1810 Wearing apparel, except fur apparel		136	140	152	149		2300	2250	2080	1861		357	370	357	341
1820 Dressing & dyeing of fur; processing of fur		18	20	17	16		119	128	114	109		22	24	26	25
191 Tanning, dressing and processing of leather		22	22	25	23		331	288	335	234		55	52	64	53
1911 Tanning and dressing of leather		3	4	5	4		201	175	215	155		33	30	40	33
1912 Luggage, handbags, etc.; saddlery & harness		19	18	20	19		130	113	120	79		22	22	24	20
1920 Footwear		23	21	24	23		435	437	430	387		70	65	72	67
2010 Sawmilling and planing of wood		297	312	327	330		5238	5228	5435	5447		1031	1077	1192	1254
202 Products of wood, cork, straw, etc.		662	675	681	721		8986	9098	9535	9819		1743	1795	1984	2171
2021 Veneer sheets, plywood, particle board, etc.		23	24	26	30		1283	1355	1457	1470		274	287	312	363
2022 Builders' carpentry and joinery		503	508	515	541		6833	6884	7145	7412		1326	1344	1482	1597
2023 Wooden containers		54	54	54	50		483	455	493	444		75	91	98	95
2029 Other wood products; articles of cork/straw		82	89	86	100		387	404	440	493		68	73	92	116
210 Paper and paper products		115	108	108	108		10684	10550	10250	9826		2525	2585	2607	2724
2101 Pulp, paper and paperboard		39	38	39	33		6884	6714	6581	6119		1679	1686	1705	1730
2102 Corrugated paper and paperboard		36	33	36	38		2512	2538	2456	2425		564	598	597	654
2109 Other articles of paper and paperboard		40	37	33	37		1288	1298	1213	1282		283	302	305	339
221 Publishing		577	615	754	758		25556	25738	26619	26028		4689	5047	5474	5619
2211 Publishing of books and other publications		166	165	211	192		2425	2518	2772	2675		596	683	782	812
2212 Publishing of newspapers, journals, etc.		335	338	400	404		22630	22603	23003	22499		3990	4204	4473	4578
2213 Publishing of recorded media		31	43	49	53		119	152	175	160		21	47	40	36
2219 Other publishing		45	69	94	109		382	465	669	694		82	114	178	192



222 Printing and related service activities	1135	1177	1272	1236	9865	10157	10598	11524	2462	2604	2756	3227
2221 Printing	754	775	847	823	7852	8165	8450	9308	1984	2104	2198	2635
2222 Service activities related to printing	381	402	425	413	2013	1992	2148	2216	478	500	558	592
2230 Reproduction of recorded media	73	78	73	68	417	401	352	352	106	114	86	88
2310 Coke oven products	-	-	-	-	-	-	-	-	-	-	-	-
2320 Refined petroleum products	78	8	9	6	1636	1206	1158	1189	534	408	422	461
2330 Processing of nuclear fuel	-	-	-	-	-	-	-	-	-	-	-	-
241 Basic chemicals	65	65	72	82	8439	8245	7980	7934	2415	2395	2372	2514
2411 Basic chemicals, except fertilizers	44	45	51	57	2052	1842	1441	4423	612	561	447	1392
2412 Fertilizers and nitrogen compounds	5	4	5	7	2052	1842	1441	4423	612	561	447	1392
2413 Plastics in primary forms; synthetic rubber	16	16	16	18	5417	5611	5707	5814	1478	1552	1710	1826
242 Other chemicals	97	112	109	115	1466	1624	1620	1584	370	410	439	445
2421 Pesticides and other agro-chemical products	1	1	-	1	2568	2608	2599	2650	734	749	819	890
2422 Paints, varnishes, printing ink and mastics	33	35	35	33	615	588	589	578	143	139	146	146
2423 Pharmaceuticals, medicinal chemicals, etc.	21	23	23	24	899	899	899	978	-	-	306	335
2424 Soap, cleaning & cosmetic preparations	27	31	29	29	-	-	-	-	-	-	-	-
2429 Other chemical products n.e.c.	15	22	22	28	-	-	-	-	-	-	-	-
2430 Man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
251 Rubber products	63	67	64	58	847	840	836	843	178	177	191	210
2511 Rubber tyres and tubes	41	42	37	31	267	239	219	210	51	52	50	56
2519 Other rubber products	22	25	27	27	580	601	617	633	127	126	142	154
2520 Plastic products	274	289	299	296	5433	5743	6100	6162	1179	1290	1451	1522
2610 Glass and glass products	57	65	68	74	1752	1952	2078	2219	361	445	518	553
269 Non-metallic mineral products n.e.c.	443	535	539	541	6535	7442	7518	7518	1532	1766	1878	1878
2691 Pottery, china and earthenware	24	28	19	20	836	776	776	776	153	153	145	145
2692 Refractory ceramic products	2	4	4	4	179	178	194	194	44	44	43	48
2693 Struct.non-refractory clay; ceramic products	2	4	3	2	81	40	40	40	19	19	11	11
2694 Cement, lime and plaster	7	8	10	10	557	515	502	502	177	177	161	173
2695 Articles of concrete, cement and plaster	304	314	325	323	3380	3628	3867	3942	804	844	954	1034
2696 Cutting, shaping & finishing of stone	89	91	96	93	682	684	668	665	159	172	162	165
2699 Other non-metallic mineral products n.e.c.	15	86	82	89	911	1477	1474	1591	216	358	403	470
2710 Basic iron and steel	54	57	57	62	4267	4259	4108	4592	1103	1149	1167	1407
2720 Basic precious and non-ferrous metals	26	28	31	26	8805	8923	8959	8062	2426	2629	2708	2617
273 Casting of metals	36	36	32	33	2031	1954	1889	2002	441	438	457	497
2731 Casting of iron and steel	14	14	12	11	1537	1443	1355	1458	336	318	329	363
2732 Casting of non-ferrous metals	22	22	20	22	494	511	534	544	105	120	128	134
281 Struct.metal products;tanks;steam generators	387	397	403	426	7879	8317	8715	9172	1781	1950	2099	2318
2811 Structural metal products	358	368	372	391	7228	7736	7917	8432	1633	1811	1898	2122
2812 Tanks, reservoirs and containers of metal	26	26	27	31	522	451	595	541	119	108	148	143
2813 Steam generators	3	3	4	4	129	130	203	199	29	31	53	54
289 Other metal products; metal working services	763	781	896	918	8814	9343	10204	11574	1917	2076	2444	3024
2891 Metal forging/pressing/stamping/roll-forming	11	14	15	15	182	200	243	246	37	44	54	60
2892 Treatment & coating of metals	358	358	452	464	2541	3114	3962	4271	590	718	986	1158
2893 Cutlery, hand tools and general hardware	95	99	106	112	1621	1446	1404	1855	332	306	329	470
2899 Other fabricated metal products n.e.c.	299	310	323	327	4470	4583	4595	5202	959	1007	1075	1335
291 General purpose machinery	606	638	707	727	12122	12670	13923	14394	3091	3382	3885	4273
2911 Engines & turbines(not for transport equip.)	42	45	46	53	2212	2008	1749	2083	635	585	519	723
2912 Pumps, compressors, taps and valves	92	93	91	96	2367	2624	2686	2739	585	754	813	821
2913 Bearings, gears, gearing & driving elements	19	18	20	17	724	735	822	333	184	194	233	88
2914 Ovens, furnaces and furnace burners	13	11	11	16	325	278	258	330	79	72	72	96
2915 Lifting and handling equipment	148	172	169	161	3709	3879	4318	4278	937	1013	1193	1285
2919 Other general purpose machinery	292	299	370	384	2785	3146	4090	4631	671	763	1054	1259
292 Special purpose machinery	489	497	531	537	8393	8796	9155	8648	2013	2135	2312	2457
2921 Agricultural and forestry machinery	177	167	194	190	1930	2057	2061	2088	422	467	533	562
2922 Machine tools	36	42	47	49	556	508	457	607	127	120	111	153
2923 Machinery for metallurgy	10	13	11	10	152	111	129	144	42	30	36	41
2924 Machinery for mining & construction	85	91	95	97	1227	1391	1574	1641	299	311	425	479
2925 Food/beverage/tobacco processing machinery	72	78	73	78	1119	1156	1103	1119	281	284	292	319
2926 Machinery for textile, apparel and leather	28	26	21	22	107	104	89	89	22	22	23	24
2927 Weapons and ammunition	13	9	16	12	2133	2123	2211	1702	521	547	478	514
2929 Other special purpose machinery	68	71	74	79	1169	1346	1531	1258	298	354	413	364
2930 Domestic appliances n.e.c.	28	29	30	31	1243	1237	1250	1295	259	263	314	316

continued

## Norway

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million KRONER)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
ISIC Industry															
3000 Office, accounting and computing machinery		21	25	25	18		889	746	767	814		232	204	232	262
3110 Electric motors, generators and transformers		65	63	63	64		2886	3082	2917	2962		725	849	872	959
3120 Electricity distribution & control apparatus		74	73	83	77		2582	2477	2690	2767		653	627	705	802
3130 Insulated wire and cable		15	18	18	18		1438	1401	1456	1538		455	456	469	527
3140 Accumulators, primary cells and batteries		5	4	3	3		155	166	153	35		39	41	37	11
3150 Lighting equipment and electric lamps		38	37	38	46		1313	1376	1344	1361		259	286	302	318
3190 Other electrical equipment n.e.c.		107	121	149	143		921	1074	1370	1739		186	265	353	480
3210 Electronic valves, tubes, etc.		29	34	34	44		942	1074	1461	1922		206	239	328	498
3220 TV/radio transmitters; line comm. apparatus		17	20	19	14		2836	2979	2806	1883		862	994	974	681
3230 TV and radio receivers and associated goods		20	21	20	27		392	415	595	721		90	101	140	174
331 Medical, measuring, testing appliances, etc.		278	327	315	322		4927	5207	5383	5733		1407	1482	1702	1783
3311 Medical, surgical and orthopaedic equipment		198	241	232	230		1785	1924	1874	1912		421	441	554	513
3312 Measuring/testing/navigating appliances, etc.		68	74	68	76		2727	2669	2778	3037		823	826	905	946
3313 Industrial process control equipment		12	12	15	16		415	614	731	784		163	215	244	325
3320 Optical instruments & photographic equipment		7	6	7	7		130	119	...	...		30	24	...	...
3330 Watches and clocks		-	-	1	1		-	-	...	...		-	-	...	...
3410 Motor vehicles		1	4	4	4		...	317	301	298		...	72	75	77
3420 Automobile bodies, trailers & semi-trailers		49	53	52	54		...	1211	1112	1191		...	249	247	280
3430 Parts/accessories for automobiles		41	40	48	50		3131	3294	3429	3240		717	798	872	851
351 Building and repairing of ships and boats		539	564	582	591		30814	30340	32764	35743		7738	7761	8931	10465
3511 Building and repairing of ships		446	458	473	484		30096	29579	31988	34894		7599	7611	8765	10263
3512 Building/repairing of pleasure/sport. boats		93	106	109	107		718	761	776	849		139	151	167	201
3520 Railway/tramway locomotives & rolling stock		9	12	14	4		1921	1844	1765	492		417	419	424	155
3530 Aircraft and spacecraft		20	23	21	12		2457	2149	2104	591		667	681	658	175
359 Transport equipment n.e.c.		14	16	12	10		569	609	445	492		103	131	102	106
3591 Motorcycles		-	-	-	-		-	-	-	-		-	-	-	-
3592 Bicycles and invalid carriages		11	13	8	7		531	571	392	440		94	122	89	91
3599 Other transport equipment n.e.c.		3	3	4	3		38	38	53	52		9	9	14	14
3610 Furniture		461	469	540	565		8504	9063	10302	10747		1497	1751	2111	2372
369 Manufacturing n.e.c.		217	211	240	237		3399	3254	3470	3478		665	649	754	769
3691 Jewellery and related articles		83	80	93	90		1074	918	1115	1142		206	172	232	222
3692 Musical instruments		6	7	10	11		27	28	35	38		5	5	8	7
3693 Sports goods		25	27	23	20		1021	1033	1027	975		213	217	227	238
3694 Games and toys		12	9	11	8		33	32	42	40		6	5	8	8
3699 Other manufacturing n.e.c.		91	88	103	108		1244	1243	1251	1283		236	249	279	294
3710 Recycling of metal waste and scrap		17	30	32	41		145	248	264	360		36	58	71	103
3720 Recycling of non-metal waste and scrap		25	32	32	35		178	219	346	563		45	50	80	144
D Total manufacturing		10668	11019	11644	11737		275336	280743	290177	294168		62221	65753	71453	76786

## Norway

ISIC Revision 3		Output				Value added				Gross fixed capital formation			
		(million KRONER)				(million KRONER)				(million KRONER)			
		Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997
ISIC Industry													
151 Processed meat, fish, fruit, vegetables, fats		43281	46301	49199	54577		6453	7101	7971	8885		1454	1628
1511 Processing/preserving of meat		22283	23719	24562	25924		2206	2485	2795	2966		494	380
1512 Processing/preserving of fish		16464	17867	19418	23278		3200	3590	3936	4625		782	1021
1513 Processing/preserving of fruit & vegetables		2185	2364	2463	2690		606	603	687	732		98	117
1514 Vegetable and animal oils and fats		2349	2350	2756	2684		441	423	553	563		80	110
1520 Dairy products		13455	12715	13888	13716		511	1158	1437	1695		295	391
153 Grain mill products; starches; animal feeds		10994	11849	11777	12207		2206	1402	1672	1391		366	435
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...
1533 Prepared animal feeds		8461	9090	9245	9661		1268	1033	1249	990		234	362
154 Other food products		11770	11589	11859	12950		4311	3776	4183	4587		658	615
1541 Bakery products		4862	5218	5272	5733		1919	1963	2015	2196		393	313
1542 Sugar		...	...	...	...		...	...	...	...		...	...
1543 Cocoa, chocolate and sugar confectionery		2393	2094	2363	2721		1311	628	1025	1204		137	153
1544 Macaroni, noodles & similar products		272	248	309	290		65	47	69	75		5	4
1549 Other food products n.e.c.		4244	4029	3915	4206		1016	1139	1075	1112		123	144
155 Beverages		...	...	...	...		...	...	...	...		...	...
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...
1552 Wines		...	...	...	...		...	...	...	...		...	...
1553 Malt liquors and malt		4697	4746	4627	4190		3302	3299	3215	2816		217	160
1554 Soft drinks; mineral waters		3456	3951	4233	4267		2166	2454	2310	2409		99	619
1600 Tobacco products		...	...	...	...		...	...	...	...		...	...
171 Spinning, weaving and finishing of textiles		1022	1068	1207	1108		389	406	469	424		82	63
1711 Textile fibre preparation; textile weaving		812	826	911	997		307	327	369	380		67	48
1712 Finishing of textiles		210	243	296	111		82	79	100	44		16	14
172 Other textiles		2038	2281	2328	2619		714	873	837	990		55	95
1721 Made-up textile articles, except apparel		867	879	893	1105		299	325	282	424		16	29
1722 Carpets and rugs		...	...	27	...		...	...	6	...		...	...
1723 Cordage, rope, twine and netting		851	1058	1084	1139		310	434	414	424		33	44
1729 Other textiles n.e.c.		...	...	325	...		...	...	135	...		7	...
1730 Knitted and crocheted fabrics and articles		459	517	566	520		194	203	215	231		21	15
1810 Wearing apparel, except fur apparel		1377	1447	1352	1294		490	503	492	485		20	6
1820 Dressing & dyeing of fur; processing of fur		54	79	80	77		24	39	32	35		16	1
191 Tanning, dressing and processing of leather		283	251	266	248		83	74	66	67		3	2
1911 Tanning and dressing of leather		195	152	198	173		50	34	42	37		...	...
1912 Luggage, handbags, etc.; saddlery & harness		88	99	69	75		33	40	24	30		2	1
1920 Footwear		244	228	255	217		96	87	93	81		8	3
2010 Sawmilling and planing of wood		6823	6539	7787	7910		1573	1350	1864	2081		313	384
202 Products of wood, cork, straw, etc.		7914	8139	8921	9399		2601	2545	2752	2920		581	265
2021 Veneer sheets, plywood, particle board, etc.		1408	1564	1560	1720		442	430	399	364		166	62
2022 Builders' carpentry and joinery		5835	5893	6641	6911		1912	1889	2113	2276		255	171
2023 Wooden containers		431	442	459	429		138	126	138	147		142	25
2029 Other wood products; articles of cork/straw		239	240	260	340		109	99	102	133		18	7
210 Paper and paper products		22230	19375	18268	19713		7236	5884	4990	5705		1500	2085
2101 Pulp, paper and paperboard		17854	14961	14165	15236		5806	4446	3534	4124		1219	1725
2102 Corrugated paper and paperboard		2930	2868	2791	2935		970	948	956	956		227	272
2109 Other articles of paper and paperboard		1446	1546	1311	1543		460	490	499	626		54	88
221 Publishing		16664	19017	20261	21408		7700	8072	8701	8855		858	1096
2211 Publishing of books and other publications		3405	3665	4176	4563		965	974	1111	1262		46	50
2212 Publishing of newspapers, journals, etc.		12758	14591	15075	15815		6519	6812	7336	7340		783	1012
2213 Publishing of recorded media		151	235	210	226		55	71	49	69		6	19
2219 Other publishing		352	526	801	804		162	214	205	185		23	16

continued

## Norway

ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	Note	(million KRONER)				Note	(million KRONER)				(million KRONER)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
ISIC Industry													
222 Printing and related service activities		8902	9544	9945	11245		3712	3938	4172	4225		587	1336
2221 Printing		7361	7932	8223	9494		2927	3190	3409	3459		524	1281
2222 Service activities related to printing		1540	1612	1722	1752		784	748	763	766		63	55
2230 Reproduction of recorded media		361	421	366	384		205	199	175	165		59	-8
2310 Coke oven products		-	-	-	-		-	-	-	-		-	-
2320 Refined petroleum products		13425	18845	18959	14930		870	1627	1925	1418		215	723
2330 Processing of nuclear fuel		-	-	-	-		-	-	-	-		-	-
241 Basic chemicals		20785	19814	22846	23036		7251	6282	7050	6568		2097	2616
2411 Basic chemicals, except fertilizers		-	-	-	13000		-	-	-	4113		-	1563
2412 Fertilizers and nitrogen compounds		4840	4733	4320	-		1942	1641	1168	-		336	-
2413 Plastics in primary forms; synthetic rubber		-	-	-	-		-	-	-	-		-	-
242 Other chemicals		8748	10313	10644	12088		3492	4079	3371	3730		714	542
2421 Pesticides and other agro-chemical products		-	-	-	-		-	-	-	-		-	-
2422 Paints, varnishes, printing ink and mastics		2019	2268	2337	2453		544	596	695	657		76	121
2423 Pharmaceuticals, medicinal chemicals, etc.		4420	5612	5567	6663		2171	2790	1838	2174		343	225
2424 Soap, cleaning & cosmetic preparations		1142	1219	1316	-		398	370	435	-		140	-
2429 Other chemical products n.e.c.		-	-	1424	1617		-	-	403	495		155	119
2430 Man-made fibres		-	-	-	-		-	-	-	-		-	-
251 Rubber products		676	791	770	815		287	314	264	328		55	56
2511 Rubber tyres and tubes		252	301	266	279		96	126	76	102		14	11
2519 Other rubber products		424	490	504	536		191	188	188	226		41	45
2520 Plastic products		5831	6262	6734	6994		2007	2157	2288	2393		408	426
2610 Glass and glass products		1505	1920	2167	2224		646	748	829	832		138	187
269 Non-metallic mineral products n.e.c.		8401	10577	10752	-		3194	3428	3483	-		458	-
2691 Pottery, china and earthenware		-	363	352	-		-	208	203	-		10	-
2692 Refractory ceramic products		-	165	155	167		-	70	63	66		11	25
2693 Struct.non-refractory clay; ceramic products		-	105	67	-		-	35	23	-		5	-
2694 Cement, lime and plaster		-	2096	1374	1214		-	717	512	512		82	113
2695 Articles of concrete, cement and plaster		4376	5050	5873	6164		1562	1562	1831	1981		240	288
2696 Cutting, shaping & finishing of stone		610	623	561	607		262	235	227	258		22	21
2699 Other non-metallic mineral products n.e.c.		1168	2174	2372	2670		403	601	624	806		87	139
2710 Basic iron and steel		8892	9031	8840	11183		2408	2114	2072	2541		381	535
2720 Basic precious and non-ferrous metals		26816	25100	27569	27339		6827	5631	6117	6666		1842	938
273 Casting of metals		1406	1415	1462	1618		632	632	662	730		87	71
2731 Casting of iron and steel		1029	980	980	1086		486	461	470	527		58	43
2732 Casting of non-ferrous metals		377	435	482	532		146	171	192	204		29	28
281 Struct.metall products;tanks;steam generators		6894	6845	7739	8764		2540	2670	3068	3408		242	292
2811 Structural metal products		6381	6416	7050	8034		2340	2484	2761	3217		235	261
2812 Tanks, reservoirs and containers of metal		416	328	501	508		158	147	244	107		6	28
2813 Steam generators		98	101	188	222		43	39	63	83		2	3
289 Other metal products; metal working services		6899	7853	8876	11726		3023	3540	3737	4687		355	627
2891 Metal forging/pressing/stamping/roll-forming		110	124	159	175		53	63	85	93		12	17
2892 Treatment & coating of metals		1709	2367	3252	3902		997	1184	1500	1723		95	148
2893 Cutlery, hand tools and general hardware		1161	1081	1212	1785		544	499	567	777		64	47
2899 Other fabricated metal products n.e.c.		3918	4280	4252	5864		1430	1794	1585	2094		184	415
291 General purpose machinery		14543	15968	17982	21637		4702	4791	5719	6846		541	656
2911 Engines & turbines(not for transport equip.)		4089	2816	2119	4398		884	618	469	1094		70	34
2912 Pumps, compressors, taps and valves		2535	3875	4358	4368		1037	1344	1548	1551		152	193
2913 Bearings, gears, gearing & driving elements		740	969	1323	411		226	307	418	150		41	19
2914 Ovens, furnaces and furnace burners		339	338	330	394		112	98	82	113		5	8
2915 Lifting and handling equipment		4119	4627	5713	7119		1426	1298	1712	2145		135	195
2919 Other general purpose machinery		2721	3342	4140	4947		1017	1128	1491	1794		138	205

292	Special purpose machinery	8305	9161	8545	9327	3031	3192	3165	3580	446	283
2921	Agricultural and forestry machinery	1754	2016	2031	2030	740	742	767	937	70	85
2922	Machine tools	473	368	352	555	194	185	166	242	11	30
2923	Machinery for metallurgy	142	105	114	120	55	47	53	52	-	-
2924	Machinery for mining & construction	1055	1150	1612	2336	469	441	695	792	55	72
2925	Food/beverage/tobacco processing machinery	1168	1158	1058	1080	302	381	352	386	25	28
2926	Machinery for textile, apparel and leather	60	71	60	53	29	27	24	20	1	6
2927	Weapons and ammunition	2008	2093	1478	1673	739	764	518	634	242	108
2929	Other special purpose machinery	1646	2200	1841	1481	502	606	591	516	42	-45
2930	Domestic appliances n.e.c.	963	1107	1202	1191	351	434	490	476	49	21
3000	Office, accounting and computing machinery	1292	1129	1516	2053	352	402	580	425	71	21
3110	Electric motors, generators and transformers	3058	3614	4063	4236	1195	1183	1692	1678	54	134
3120	Electricity distribution & control apparatus	2685	2261	2775	3351	922	869	1122	1268	78	78
3130	Insulated wire and cable	2595	2605	2429	2571	899	848	793	820	81	-148
3140	Accumulators, primary cells and batteries	171	160	149	42	63	35	29	23	3	-
3150	Lighting equipment and electric lamps	1140	1140	1147	1193	425	421	434	447	20	3
3190	Other electrical equipment n.e.c.	1024	1484	1753	2466	274	450	587	867	99	524
3210	Electronic valves, tubes, etc.	804	945	1466	2398	312	336	505	800	87	68
3220	TV/radio transmitters; line comm. apparatus	4487	4873	5264	2870	1537	1575	1594	1204	94	39
3230	TV and radio receivers and associated goods	380	593	523	717	127	254	242	297	10	26
331	Medical, measuring, testing appliances, etc.	5630	6384	7460	8390	2132	2119	2457	2816	156	284
3311	Medical, surgical and orthopaedic equipment	1463	1552	1784	1853	684	610	726	709	23	56
3312	Measuring/testing/navigating appliances, etc.	3166	3443	3816	4127	1216	1218	1289	1459	101	194
3313	Industrial process control equipment	1002	1389	1860	2410	233	290	443	648	32	33
3320	Optical instruments & photographic equipment	229	336	...	...	55	59	...	...	...	...
3330	Watches and clocks	-	-	...	...	-	-	...	...	...	...
3410	Motor vehicles	...	461	393	407	...	34	20	96	13	9
3420	Automobile bodies, trailers & semi-trailers	...	1241	1122	1252	...	391	350	413	26	39
3430	Parts/accessories for automobiles	2846	3186	3573	3604	997	1140	1244	1324	406	379
351	Building and repairing of ships and boats	31314	34550	48483	60548	10601	10283	12197	14986	916	1064
3511	Building and repairing of ships	30687	33862	47705	59590	10402	10088	11945	14691	897	1045
3512	Building/repairing of pleasure/sport. boats	628	687	779	958	199	195	252	295	19	19
3520	Railway/tramway locomotives & rolling stock	1156	1248	1379	439	429	487	558	93	57	2
3530	Aircraft and spacecraft	3147	3215	2981	805	911	1343	1226	277	76	76
359	Transport equipment n.e.c.	480	471	454	471	168	142	159	123	21	12
3591	Motorcycles	-	-	-	-	-	-	-	-	-	-
3592	Bicycles and invalid carriages	434	427	374	388	152	129	141	105	9	9
3599	Other transport equipment n.e.c.	46	44	80	82	17	12	19	18	11	3
3610	Furniture	6611	7680	9123	10196	2333	2570	3199	3443	331	327
369	Manufacturing n.e.c.	2224	2286	2405	2442	944	988	1046	943	100	113
3691	Jewellery and related articles	699	544	665	648	269	233	316	276	18	26
3692	Musical instruments	13	15	18	22	5	7	8	11	2	1
3693	Sports goods	716	738	735	800	323	319	340	320	34	22
3694	Games and toys	19	22	77	43	8	7	16	14	3	1
3699	Other manufacturing n.e.c.	777	967	910	929	339	421	367	322	44	63
3710	Recycling of metal waste and scrap	240	331	414	821	97	84	106	140	89	18
3720	Recycling of non-metal waste and scrap	221	249	479	683	66	63	168	246	22	6
D	Total manufacturing	367958	390959	427715	459599	114575	115665	125071	133531	17315	20919

Norway

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15 Food and beverages	a/	102	101	102	100	103	103	104	109	110	112	114	113
16 Tobacco products	a/	...	...	...	...	...	...	...	...	...	...	...	...
17 Textiles	b/	...	...	...	100	100	96	94	103	99	100	99	94
18 Wearing apparel, fur	b/	...	...	...	...	...	...	...	...	...	...	...	...
19 Leather, leather products and footwear	b/	...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)		112	106	104	100	91	91	92	101	103	105	113	114
21 Paper and paper products		95	95	101	100	99	97	104	113	118	111	116	117
22 Printing and publishing		100	100	101	100	100	100	100	104	108	111	112	113
23 Coke, refined petroleum products, nuclear fuel		75	70	75	100	95	105	105	108	98	108	112	107
24 Chemicals and chemical products		88	89	95	100	95	95	100	104	107	108	110	115
25 Rubber and plastics products		102	100	100	100	93	84	88	93	94	94	96	92
26 Non-metallic mineral products		120	113	103	100	89	91	92	104	116	122	128	128
27 Basic metals		89	97	99	100	99	100	102	110	109	112	116	122
28 Fabricated metal products		107	103	100	100	98	101	106	111	118	128	137	145
29 Machinery and equipment n.e.c.		106	99	100	100	97	100	101	109	118	123	132	138
30 Office, accounting and computing machinery	c/	...	...	...	100	91	92	99	107	116	121	126	136
31 Electrical machinery and apparatus	c/	...	...	...	...	...	...	...	...	...	...	...	...
32 Radio, television and communication equipment	c/	...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments	c/	...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers		...	...	...	100	104	106	101	108	116	121	124	124
35 Other transport equipment		...	...	...	100	105	131	144	141	137	139	140	159
36 Furniture; manufacturing n.e.c.	d/	...	...	...	100	98	94	94	101	102	107	119	127
37 Recycling	d/	...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		101	99	99	100	98	100	102	108	111	115	118	122

a/ 15 includes 16.  
b/ 17 includes 18 and 19.  
c/ 30 includes 31, 32 and 33.  
d/ 36 includes 37.

OMAN

<p><b>Supplier of information:</b> Industrial Statistics Center, Ministry of Commerce and Industry, Muscat.</p> <p><b>Basic source of data:</b> Industrial Census.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> In general, all registered establishments. For 1996, establishments with 10 or more employees.</p> <p><b>Method of enumeration:</b> Individual sites are visited by enumerators.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b></p>
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## Oman

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees					
	Note	(numbers)			Note	(numbers)			Note	(thousand RIALS)				
		1995	1996a/	1997		1998	1995	1996a/		1997	1998	1995	1996a/	1997
151 Processed meat, fish, fruit, vegetables, fats		17	16	23	29	878	910	957	1351		1695	1845	1973	2669
1511 Processing/preserving of meat		2	1	2	5	82	82	74	151		150	134	145	251
1512 Processing/preserving of fish		11	11	16	18	312	459	519	685		659	1073	1129	1323
1513 Processing/preserving of fruit & vegetables		2	2	3	3	213	114	97	204		366	117	134	432
1514 Vegetable and animal oils and fats		2	2	2	3	271	255	267	311		520	522	565	663
1520 Dairy products		9	8	9	9	664	728	793	883		1608	1721	1945	2119
153 Grain mill products; starches; animal feeds		15	3	4	7	291	263	269	406		1454	1404	1427	2004
1531 Grain mill products		13	1	2	4	152	139	149	268		970	974	1000	1559
1532 Starches and starch products		-	-	-	-	-	-	-	-		-	-	-	-
1533 Prepared animal feeds		2	2	2	3	139	124	120	138		484	430	426	445
154 Other food products		96	44	81	83	1804	1433	1951	2125		3012	2390	3280	3537
1541 Bakery products		73	38	69	67	1576	1281	1599	1871		2546	2089	2519	3099
1542 Sugar		-	-	-	-	-	-	-	-		-	-	-	-
1543 Cocoa, chocolate and sugar confectionery		1	1	1	1	47	62	65	72		110	109	115	126
1544 Macaroni, noodles & similar products		-	-	-	-	-	-	-	-		-	-	-	-
1549 Other food products n.e.c.		22	5	11	15	181	90	287	182		357	192	645	312
155 Beverages		18	8	21	20	1007	1015	1170	1206		2012	2369	2521	2612
1551 Distilling, rectifying & blending of spirits		-	-	-	-	-	-	-	-		-	-	-	-
1552 Wines		-	-	-	-	-	-	-	-		-	-	-	-
1553 Malt liquors and malt		-	-	-	-	-	-	-	-		-	-	-	-
1554 Soft drinks; mineral waters		18	8	21	20	1007	1015	1170	1206		2012	2369	2521	2612
1600 Tobacco products		-	-	-	-	-	-	-	-		-	-	-	-
171 Spinning, weaving and finishing of textiles		1	1	1	2	249	241	224	290		909	921	809	1030
1711 Textile fibre preparation; textile weaving		1	1	-	-	249	241	-	-		909	921	-	-
1712 Finishing of textiles		-	-	1	2	-	-	224	290		-	-	809	1030
172 Other textiles		2	2	1	2	26	28	22	61		30	31	27	132
1721 Made-up textile articles, except apparel		2	2	1	1	26	28	22	19		30	31	27	25
1722 Carpets and rugs		-	-	-	1	-	-	-	42		-	-	-	108
1723 Cordage, rope, twine and netting		-	-	-	-	-	-	-	-		-	-	-	-
1729 Other textiles n.e.c.		-	-	-	-	-	-	-	-		-	-	-	-
1730 Knitted and crocheted fabrics and articles		-	-	1	1	-	-	40	53		-	-	61	95
1810 Wearing apparel, except fur apparel		25	23	20	20	5851	5197	5236	5369		5620	4477	4764	4967
1820 Dressing & dyeing of fur; processing of fur		-	-	-	-	-	-	-	-		-	-	-	-
191 Tanning, dressing and processing of leather		-	-	1	1	-	-	17	13		-	-	16	20
1911 Tanning and dressing of leather		-	-	-	-	-	-	-	-		-	-	-	-
1912 Luggage, handbags, etc.; saddlery & harness		-	-	1	1	-	-	17	13		-	-	16	20
1920 Footwear		3	3	4	4	99	103	176	190		148	144	275	318
2010 Sawmilling and planing of wood		-	-	-	-	-	-	-	-		-	-	-	-
202 Products of wood, cork, straw, etc.		179	18	80	65	1383	673	891	931		2062	1052	1359	1653
2021 Veneer sheets, plywood, particle board, etc.		-	-	-	-	-	-	-	-		-	-	-	-
2022 Builders' carpentry and joinery		178	18	79	65	1381	673	889	931		2061	1052	1357	1653
2023 Wooden containers		1	-	-	-	2	-	-	-		2	-	-	-
2029 Other wood products; articles of cork/straw		-	-	1	-	-	-	2	-		-	-	2	-
210 Paper and paper products		10	7	6	10	458	521	344	500		1096	1326	942	1214
2101 Pulp, paper and paperboard		3	2	-	-	184	177	-	-		349	340	-	-
2102 Corrugated paper and paperboard		3	2	2	3	136	122	159	268		271	260	289	494
2109 Other articles of paper and paperboard		4	3	4	7	138	222	185	232		477	726	653	720
221 Publishing		12	10	10	11	635	884	916	930		1464	2101	2220	2291
2211 Publishing of books and other publications		7	7	6	6	341	419	337	330		823	890	740	752
2212 Publishing of newspapers, journals, etc.		3	3	4	5	277	465	579	600		612	1212	1479	1539
2213 Publishing of recorded media		1	-	-	-	14	-	-	-		26	-	-	-
2219 Other publishing		1	-	-	-	3	-	-	-		3	-	-	-



222	Printing and related service activities	17	13	19	22	417	328	462	576	644	486	841	1090
2221	Printing	17	12	18	21	417	317	410	519	644	472	752	1001
2222	Service activities related to printing	-	1	1	1	-	11	52	57	-	14	88	89
2230	Reproduction of recorded media	-	-	1	1	-	-	23	25	-	-	45	33
2310	Coke oven products	1	-	-	-	9	-	-	-	10	-	-	-
2320	Refined petroleum products	8	8	8	8	493	507	539	549	4134	4602	4438	4609
2330	Processing of nuclear fuel	-	-	-	-	-	-	-	-	-	-	-	-
241	Basic chemicals	8	4	4	9	143	141	98	215	373	312	216	474
2411	Basic chemicals, except fertilizers	8	4	4	8	143	141	98	197	373	312	216	438
2412	Fertilizers and nitrogen compounds	-	-	-	1	-	-	-	18	-	-	-	36
2413	Plastics in primary forms; synthetic rubber	-	-	-	-	-	-	-	-	-	-	-	-
242	Other chemicals	17	18	18	19	675	826	779	822	1965	2197	2201	2337
2421	Pesticides and other agro-chemical products	2	2	1	1	32	28	10	11	75	83	25	21
2422	Paints, varnishes, printing ink and mastics	4	3	3	4	189	221	224	249	702	755	868	864
2423	Pharmaceuticals, medicinal chemicals, etc.	1	1	1	1	113	112	130	131	195	174	178	199
2424	Soap, cleaning & cosmetic preparations	8	10	11	11	314	435	388	406	943	1124	1081	1200
2429	Other chemical products n.e.c.	2	2	2	2	27	30	27	25	49	61	48	53
2430	Man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
251	Rubber products	1	1	1	2	10	16	16	26	18	24	29	60
2511	Rubber tyres and tubes	1	1	1	2	10	16	16	26	18	24	29	60
2519	Other rubber products	-	-	-	-	-	-	-	-	-	-	-	-
2520	Plastic products	16	15	22	26	579	700	899	1076	1048	1301	1559	2131
2610	Glass and glass products	14	10	15	10	564	532	691	797	1110	1127	1366	1722
269	Non-metallic mineral products n.e.c.	454	90	265	252	4925	3585	4450	4846	8771	7885	9182	10005
2691	Pottery, china and earthenware	-	-	2	2	-	-	9	14	-	-	7	12
2692	Refractory ceramic products	1	1	1	2	54	51	48	115	100	100	99	212
2693	Struct.non-refractory clay; ceramic products	-	-	-	-	-	-	-	-	-	-	-	-
2694	Cement, lime and plaster	6	4	4	3	688	632	656	645	2948	2734	2888	2997
2695	Articles of concrete, cement and plaster	396	40	198	186	2808	1302	1947	2035	3370	1934	2638	2841
2696	Cutting, shaping & finishing of stone	5	9	11	9	249	600	658	728	374	1413	1585	1672
2699	Other non-metallic mineral products n.e.c.	46	36	49	50	1126	1000	1132	1309	1979	1704	1965	2271
2710	Basic iron and steel	-	1	3	2	-	13	34	19	-	27	48	34
2720	Basic precious and non-ferrous metals	4	3	3	3	699	634	693	676	3340	2788	3005	3166
273	Casting of metals	-	-	-	-	-	-	-	-	-	-	-	-
2731	Casting of iron and steel	-	-	-	-	-	-	-	-	-	-	-	-
2732	Casting of non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
281	Struct.met.al products;tanks;steam generators	275	39	104	111	2379	1631	2469	2012	5077	2692	4281	3454
2811	Structural metal products	275	38	104	111	2379	1296	2469	2012	5077	2256	4281	3454
2812	Tanks, reservoirs and containers of metal	-	1	-	-	-	335	-	-	-	435	-	-
2813	Steam generators	-	-	-	-	-	-	-	-	-	-	-	-
289	Other metal products; metal working services	54	11	21	20	417	511	380	1162	658	3044	606	1913
2891	Metal forging/pressing/stamping/roll-forming	1	-	-	-	6	-	-	-	13	-	-	-
2892	Treatment & coating of metals	2	3	5	6	14	321	126	190	26	2765	153	244
2893	Cutlery, hand tools and general hardware	1	-	-	2	2	-	-	7	2	-	-	2
2899	Other fabricated metal products n.e.c.	50	8	16	12	395	190	254	965	616	280	453	1667
291	General purpose machinery	6	6	7	10	178	207	320	375	411	612	869	955
2911	Engines & turbines(not for transport equip.)	1	-	-	2	2	-	-	55	1	-	-	102
2912	Pumps, compressors, taps and valves	3	4	4	4	121	134	176	166	277	486	614	563
2913	Bearings, gears, gearing & driving elements	-	-	-	-	-	-	-	-	-	-	-	-
2914	Ovens, furnaces and furnace burners	-	-	-	-	-	-	-	-	-	-	-	-
2915	Lifting and handling equipment	-	-	-	-	-	-	-	-	-	-	-	-
2919	Other general purpose machinery	2	2	3	4	55	73	144	154	132	125	255	289
292	Special purpose machinery	2	2	3	2	69	76	139	68	122	127	368	153
2921	Agricultural and forestry machinery	-	-	-	-	-	-	-	-	-	-	-	-
2922	Machine tools	-	-	-	-	-	-	-	-	-	-	-	-
2923	Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-	-	-
2924	Machinery for mining & construction	-	-	2	1	-	-	81	9	-	-	251	12
2925	Food/beverage/tobacco processing machinery	-	-	-	-	-	-	-	-	-	-	-	-
2926	Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-	-	-
2927	Weapons and ammunition	1	1	1	1	59	60	58	59	106	113	117	141
2929	Other special purpose machinery	1	1	-	-	10	16	-	-	16	15	-	-
2930	Domestic appliances n.e.c.	1	1	2	2	96	109	123	116	188	186	268	260

continued

## Oman

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees							
	ISIC Industry	Note	(numbers)				Note	(numbers)				Note	(thousand RIALS)			
			1995	1996a/	1997	1998		1995	1996a/	1997	1998		1995	1996a/	1997	1998
3000 Office, accounting and computing machinery		2	2	2	2		18	35	38	50		35	68	144	189	
3110 Electric motors, generators and transformers		-	-	-	-		-	-	-	-		-	-	-	-	
3120 Electricity distribution & control apparatus		2	1	3	5		56	32	74	150		139	60	325	444	
3130 Insulated wire and cable		2	2	2	2		184	191	180	200		485	538	437	578	
3140 Accumulators, primary cells and batteries		2	1	2	2		188	234	267	305		313	400	468	518	
3150 Lighting equipment and electric lamps		1	1	2	2		31	40	66	68		41	66	94	141	
3190 Other electrical equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-	
3210 Electronic valves, tubes, etc.		-	-	-	-		-	-	-	-		-	-	-	-	
3220 TV/radio transmitters; line comm. apparatus		-	-	-	-		-	-	-	-		-	-	-	-	
3230 TV and radio receivers and associated goods		-	-	-	-		-	-	-	-		-	-	-	-	
331 Medical, measuring, testing appliances, etc.		-	-	-	1		-	-	-	4		-	-	-	21	
3311 Medical, surgical and orthopaedic equipment		-	-	-	1		-	-	-	4		-	-	-	21	
3312 Measuring/testing/navigating appliances, etc.		-	-	-	-		-	-	-	-		-	-	-	-	
3313 Industrial process control equipment		-	-	-	-		-	-	-	-		-	-	-	-	
3320 Optical instruments & photographic equipment		1	1	1	-		14	10	10	-		30	23	36	-	
3330 Watches and clocks		-	-	-	-		-	-	-	-		-	-	-	-	
3410 Motor vehicles		-	-	-	2		-	-	-	50		-	-	-	77	
3420 Automobile bodies, trailers & semi-trailers		1	-	1	1		1	-	4	4		1	-	3	3	
3430 Parts/accessories for automobiles		3	2	1	2		48	45	38	47		120	138	124	128	
351 Building and repairing of ships and boats		9	2	8	11		61	21	50	67		83	30	68	78	
3511 Building and repairing of ships		9	2	8	11		61	21	50	67		83	30	68	78	
3512 Building/repairing of pleasure/sport. boats		-	-	-	-		-	-	-	-		-	-	-	-	
3520 Railway/tramway locomotives & rolling stock		-	-	-	-		-	-	-	-		-	-	-	-	
3530 Aircraft and spacecraft		-	-	-	-		-	-	-	-		-	-	-	-	
359 Transport equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-	
3591 Motorcycles		-	-	-	-		-	-	-	-		-	-	-	-	
3592 Bicycles and invalid carriages		-	-	-	-		-	-	-	-		-	-	-	-	
3599 Other transport equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-	
3610 Furniture		62	15	24	31		1195	1295	1610	1844		2042	2493	2956	2933	
369 Manufacturing n.e.c.		3	4	6	7		96	161	140	242		201	278	241	598	
3691 Jewellery and related articles		-	-	-	-		-	-	-	-		-	-	-	-	
3692 Musical instruments		-	-	-	-		-	-	-	-		-	-	-	-	
3693 Sports goods		-	-	-	-		-	-	-	-		-	-	-	-	
3694 Games and toys		-	-	-	-		-	-	-	-		-	-	-	-	
3699 Other manufacturing n.e.c.		3	4	6	7		96	161	140	242		201	278	241	598	
3710 Recycling of metal waste and scrap		2	2	2	2		26	26	26	28		80	65	67	52	
3720 Recycling of non-metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-	
D Total manufacturing		1355	398	812	833		26916	23902	27624	30727		52550	51349	55901	62820	

a/ Establishments with 10 or more employees.

## Oman

ISIC Revision 3 ISIC Industry	Note	Output (thousand RIALS)				Note	Value added (thousand RIALS)				Note	Gross fixed capital formation (thousand RIALS)	
		1995	1996a/	1997	1998		1995	1996a/	1997	1998		1997	1998
		151 Processed meat, fish, fruit, vegetables, fats	31913	30293	32490		38603	7926	9167	9733		15449	17081
1511 Processing/preserving of meat	3176	2977	2266	2577	702	532	447	1774	2586	3481			
1512 Processing/preserving of fish	9143	13619	14958	16478	3170	5111	6142	7863	7634	6917			
1513 Processing/preserving of fruit & vegetables	1996	1862	1642	1367	1142	787	462	482	2312	6906			
1514 Vegetable and animal oils and fats	17598	11835	13623	18180	2912	2737	2683	5331	4549	4588			
1520 Dairy products	14209	15532	17375	20175	5031	5266	7401	7040	12490	9372			
153 Grain mill products; starches; animal feeds	32397	36379	36136	48830	10029	5365	7278	11911	20205	28302			
1531 Grain mill products	18848	24107	24026	34556	5929	3917	5561	8824	14460	21523			
1532 Starches and starch products	-	-	-	-	-	-	-	-	-	-			
1533 Prepared animal feeds	13549	12272	12110	14274	4100	1448	1717	3087	5745	6779			
154 Other food products	19637	18619	21402	24550	7508	6860	9128	10019	24801	11689			
1541 Bakery products	17051	15983	16624	20869	6422	5670	6598	8641	13649	10367			
1542 Sugar	-	-	-	-	-	-	-	-	-	-			
1543 Cocoa, chocolate and sugar confectionery	573	1057	1095	1020	230	525	355	550	892	286			
1544 Macaroni, noodles & similar products	-	-	-	-	-	-	-	-	-	-			
1549 Other food products n.e.c.	2013	1579	3683	2662	856	665	2174	828	10260	1035			
155 Beverages	24874	24323	29485	26322	7685	7056	7466	6018	11567	21167			
1551 Distilling, rectifying & blending of spirits	-	-	-	-	-	-	-	-	-	-			
1552 Wines	-	-	-	-	-	-	-	-	-	-			
1553 Malt liquors and malt	-	-	-	-	-	-	-	-	-	-			
1554 Soft drinks; mineral waters	24874	24323	29485	26322	7685	7056	7466	6018	11567	21167			
1600 Tobacco products	-	-	-	-	-	-	-	-	-	-			
171 Spinning, weaving and finishing of textiles	8429	6491	3100	5158	5108	3300	1075	2379	6615	7746			
1711 Textile fibre preparation; textile weaving	8429	6491	-	-	5108	3300	-	-	-	-			
1712 Finishing of textiles	-	-	3100	5158	-	-	1075	2379	6615	7746			
172 Other textiles	237	275	199	362	84	200	146	191	84	60			
1721 Made-up textile articles, except apparel	237	275	199	108	84	200	146	58	84	-2			
1722 Carpets and rugs	-	-	-	253	-	-	-	133	-	62			
1723 Cordage, rope, twine and netting	-	-	-	-	-	-	-	-	-	-			
1729 Other textiles n.e.c.	-	-	-	-	-	-	-	-	-	-			
1730 Knitted and crocheted fabrics and articles	-	-	101	134	-	-	24	37	589	1143			
1810 Wearing apparel, except fur apparel	38196	28661	39555	35823	15771	10278	20738	16078	7108	6647			
1820 Dressing & dyeing of fur; processing of fur	-	-	-	-	-	-	-	-	-	-			
191 Tanning, dressing and processing of leather	-	-	37	32	-	-	16	11	2	5			
1911 Tanning and dressing of leather	-	-	-	-	-	-	-	-	-	-			
1912 Luggage, handbags, etc.; saddlery & harness	-	-	37	32	-	-	16	11	2	5			
1920 Footwear	669	595	1876	1685	295	290	886	756	890	1022			
2010 Sawmilling and planing of wood	-	-	-	-	-	-	-	-	-	-			
202 Products of wood, cork, straw, etc.	11158	5919	9135	12990	5835	3315	4596	8160	2381	2042			
2021 Veneer sheets, plywood, particle board, etc.	-	-	-	-	-	-	-	-	-	-			
2022 Builders' carpentry and joinery	11080	5919	9131	12990	5830	3315	4595	8160	2372	2042			
2023 Wooden containers	78	-	-	-	4	-	-	-	-	-			
2029 Other wood products; articles of cork/straw	-	-	4	-	-	-	2	-	9	-			
210 Paper and paper products	9516	9222	6172	9232	3254	2689	2248	3791	4510	6602			
2101 Pulp, paper and paperboard	2811	2376	-	-	802	716	-	-	-	-			
2102 Corrugated paper and paperboard	2015	2033	2093	4417	408	683	665	1576	975	2771			
2109 Other articles of paper and paperboard	4690	4812	4079	4815	2045	1289	1583	2215	3535	3831			
221 Publishing	7468	9840	7204	7685	4349	5978	4208	4962	11555	7684			
2211 Publishing of books and other publications	3781	4938	3211	3100	1953	2147	1708	1797	6364	3073			
2212 Publishing of newspapers, journals, etc.	3464	4902	3993	4585	2225	3831	2499	3165	5190	4611			
2213 Publishing of recorded media	213	-	-	-	166	-	-	-	-	-			
2219 Other publishing	10	-	-	-	5	-	-	-	-	-			

continued

## Oman

ISIC Revision 3 ISIC Industry	Output				Value added				Gross fixed capital formation			
	Note	(thousand RIALS)				Note	(thousand RIALS)				(thousand RIALS)	
		1995	1996a/	1997	1998		1995	1996a/	1997	1998	1997	1998
222 Printing and related service activities		3546	2326	4610	5616	1656	421	2317	2974	5020	6343	
2221 Printing		3546	2253	4178	5106	1656	400	2116	2789	4972	5002	
2222 Service activities related to printing		-	63	433	510	-	21	200	185	47	1341	
2230 Reproduction of recorded media		-	-	705	823	-	-	493	348	2	78	
2310 Coke oven products		11	-	-	-	6	-	-	-	-	-	
2320 Refined petroleum products	202238	-	-	-	-	-	-	-	-	-	-	
2330 Processing of nuclear fuel		202238	210810	225162	266129	70649	52626	40520	44506	77597	99558	
241 Basic chemicals		2591	1677	864	4115	1953	1251	594	2348	1095	15729	
2411 Basic chemicals, except fertilizers		2591	1677	864	4005	1953	1251	594	2276	1095	15697	
2412 Fertilizers and nitrogen compounds		-	-	-	110	-	-	-	72	-	32	
2413 Plastics in primary forms; synthetic rubber		-	-	-	-	-	-	-	-	-	-	
242 Other chemicals		36029	36087	34880	38218	12563	16425	13716	13718	10616	15681	
2421 Pesticides and other agro-chemical products		710	1108	638	630	210	305	184	226	224	106	
2422 Paints, varnishes, printing ink and mastics		8653	9547	10499	11941	3333	4658	4413	3616	2953	5019	
2423 Pharmaceuticals, medicinal chemicals, etc.		13175	13481	10522	7954	3354	6662	4709	2088	399	3152	
2424 Soap, cleaning & cosmetic preparations		13138	11575	12640	17089	5470	4577	4041	7408	6969	7175	
2429 Other chemical products n.e.c.		352	377	581	604	196	223	370	380	71	229	
2430 Man-made fibres		-	-	-	-	-	-	-	-	-	-	
251 Rubber products		76	117	85	210	41	53	30	117	57	69	
2511 Rubber tyres and tubes		76	117	85	210	41	53	30	117	57	69	
2519 Other rubber products		-	-	-	-	-	-	-	-	-	-	
2520 Plastic products		10266	10428	13986	16605	3923	4284	5254	7268	7481	17452	
2610 Glass and glass products		8362	9212	9883	12903	3644	3320	4533	6539	19565	27868	
269 Non-metallic mineral products n.e.c.	77074	-	-	-	-	42072	37764	40984	45654	230642	248109	
2691 Pottery, china and earthenware		-	-	26	84	-	-	21	75	45	60	
2692 Refractory ceramic products	395	339	271	1191	269	208	154	894	894	1441	3464	
2693 Struct.non-refractory clay; ceramic products		-	-	-	-	-	-	-	-	-	-	
2694 Cement, lime and plaster	31784	32189	33235	29923	18657	17903	18831	17841	192880	211014		
2695 Articles of concrete, cement and plaster	23313	12293	16184	17836	10685	5563	6768	8334	10308	10681		
2696 Cutting, shaping & finishing of stone	2397	6454	7144	7759	1287	4031	4872	5180	6816	8064		
2699 Other non-metallic mineral products n.e.c.	19185	17940	20365	23340	11174	10060	10338	13331	19152	14826		
2710 Basic iron and steel		-	367	177	319	-	95	85	288	216	170	
2720 Basic precious and non-ferrous metals	27386	20170	22193	19623	15243	10762	11651	10675	13463	1204		
273 Casting of metals		-	-	-	-	-	-	-	-	-	-	
2731 Casting of iron and steel		-	-	-	-	-	-	-	-	-	-	
2732 Casting of non-ferrous metals		-	-	-	-	-	-	-	-	-	-	
281 Struct.metall products;tanks;steam generators	24442	15096	19867	20922	12803	6537	11098	11025	8123	6740		
2811 Structural metal products	24442	13402	19867	20922	12803	5850	11098	11025	8123	6740		
2812 Tanks, reservoirs and containers of metal		1693	-	-	-	687	-	-	-	-	-	
2813 Steam generators		-	-	-	-	-	-	-	-	-	-	
289 Other metal products; metal working services	6038	11794	4887	12385	1847	7201	1934	6564	3509	7954		
2891 Metal forging/pressing/stamping/roll-forming	75	-	-	-	66	-	-	-	-	-	-	
2892 Treatment & coating of metals	162	7751	1224	1518	59	6032	541	620	389	763		
2893 Cutlery, hand tools and general hardware	9	-	-	101	8	-	-	83	-	1		
2899 Other fabricated metal products n.e.c.	5792	4043	3662	10766	1714	1169	1393	5860	3120	7191		
291 General purpose machinery	6840	8401	8913	8976	2309	2089	4276	3919	3346	3505		
2911 Engines & turbines(not for transport equip.)	4	-	-	479	2	-	-	221	-	-181		
2912 Pumps, compressors, taps and valves	4823	6327	6979	6170	1515	1191	3655	2701	1513	1118		
2913 Bearings, gears, gearing & driving elements		-	-	-	-	-	-	-	-	-		
2914 Ovens, furnaces and furnace burners		-	-	-	-	-	-	-	-	-		
2915 Lifting and handling equipment		-	-	-	-	-	-	-	-	-		
2919 Other general purpose machinery	2013	2073	1934	2328	791	899	621	996	1833	2568		

292 Special purpose machinery	401	438	3133	648	280	281	1261	454	1624	591
2921 Agricultural and forestry machinery	-	-	-	-	-	-	-	-	-	-
2922 Machine tools	-	-	-	-	-	-	-	-	-	-
2923 Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-
2924 Machinery for mining & construction	-	-	2733	16	-	-	992	10	1280	46
2925 Food/beverage/tobacco processing machinery	-	-	-	-	-	-	-	-	-	-
2926 Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-
2927 Weapons and ammunition	366	416	400	632	258	266	269	444	343	546
2929 Other special purpose machinery	35	22	-	-	22	15	-	-	-	-
2930 Domestic appliances n.e.c.	1861	1681	1745	1459	818	848	916	766	252	507
3000 Office, accounting and computing machinery	522	359	865	628	121	80	477	184	68	54
3110 Electric motors, generators and transformers	-	-	-	-	-	-	-	-	-	-
3120 Electricity distribution & control apparatus	1266	2197	2418	4019	529	634	194	1645	234	199
3130 Insulated wire and cable	5046	8429	9886	9871	1830	1792	2019	1907	9254	9388
3140 Accumulators, primary cells and batteries	4416	5576	7121	9028	1714	2134	2717	3240	2679	2898
3150 Lighting equipment and electric lamps	163	513	1052	817	56	197	465	226	130	120
3190 Other electrical equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3210 Electronic valves, tubes, etc.	-	-	-	-	-	-	-	-	-	-
3220 TV/radio transmitters; line comm. apparatus	-	-	-	-	-	-	-	-	-	-
3230 TV and radio receivers and associated goods	-	-	-	-	-	-	-	-	-	-
331 Medical, measuring, testing appliances, etc.	-	-	-	21	-	-	-	12	-	17
3311 Medical, surgical and orthopaedic equipment	-	-	-	21	-	-	-	12	-	17
3312 Measuring/testing/navigating appliances, etc.	-	-	-	-	-	-	-	-	-	-
3313 Industrial process control equipment	-	-	-	-	-	-	-	-	-	-
3320 Optical instruments & photographic equipment	49	73	488	-	21	43	479	-	153	-
3330 Watches and clocks	-	-	-	-	-	-	-	-	-	-
3410 Motor vehicles	-	-	-	206	-	-	-	150	-	532
3420 Automobile bodies, trailers & semi-trailers	8	-	8	9	2	-	3	4	2	3
3430 Parts/accessories for automobiles	365	365	338	359	219	221	222	216	464	747
351 Building and repairing of ships and boats	314	131	324	332	148	66	212	180	199	270
3511 Building and repairing of ships	314	131	324	332	148	66	212	180	199	270
3512 Building/repairing of pleasure/sport. boats	-	-	-	-	-	-	-	-	-	-
3520 Railway/tramway locomotives & rolling stock	-	-	-	-	-	-	-	-	-	-
3530 Aircraft and spacecraft	-	-	-	-	-	-	-	-	-	-
359 Transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3591 Motorcycles	-	-	-	-	-	-	-	-	-	-
3592 Bicycles and invalid carriages	-	-	-	-	-	-	-	-	-	-
3599 Other transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3610 Furniture	11816	16018	19532	21349	5282	8213	10808	12011	4600	7341
369 Manufacturing n.e.c.	1462	1885	2007	2648	743	887	821	1352	709	1118
3691 Jewellery and related articles	-	-	-	-	-	-	-	-	-	-
3692 Musical instruments	-	-	-	-	-	-	-	-	-	-
3693 Sports goods	-	-	-	-	-	-	-	-	-	-
3694 Games and toys	-	-	-	-	-	-	-	-	-	-
3699 Other manufacturing n.e.c.	1462	1885	2007	2648	743	887	821	1352	709	1118
3710 Recycling of metal waste and scrap	696	586	528	454	317	254	216	211	29	26
3720 Recycling of non-metal waste and scrap	-	-	-	-	-	-	-	-	-	-
D Total manufacturing	631988	620101	677146	770406	253663	218241	233239	265303	521006	599642

a/ Establishments with 10 or more employees.

## Oman

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
15 Food and beverages		...	...	...	...	...	...	...	...	...	...	...	...
16 Tobacco products		...	...	...	...	...	...	...	...	...	...	...	...
17 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
18 Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...	...
19 Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...	...
21 Paper and paper products		...	...	...	...	...	...	...	...	...	...	...	...
22 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
23 Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24 Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...	...
25 Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26 Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
27 Basic metals		...	...	...	...	...	...	...	...	...	...	...	...
28 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
29 Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
30 Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...	...
32 Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...	...
35 Other transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37 Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

## PAKISTAN

<p><b>Supplier of information:</b> Federal Bureau of Statistics, Statistics Division, Islamabad.</p> <p><b>Basic source of data:</b> <i>Census of manufacturing industries, jointly carried out by the Federal Bureau of Statistics, the provincial Directorates of Industries and Mineral Development and the Provincial Bureau of Statistics.</i></p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b> Fiscal year ending 30 June of the year indicated.</p> <p><b>Scope:</b> All factories with 5 or more persons engaged.</p> <p><b>Method of enumeration:</b> Questionnaires are distributed by mail with follow-up site visits as required.</p> <p><b>Adjusted for non-response:</b> No.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of employees</u> includes persons paid through labour contractors. <u>Wages and salaries</u> includes amounts paid to labour contractors. <u>Output</u> includes gross revenues from goods shipped in the same condition as received.</p> <p><b>Related national publications:</b> Census of Manufacturing Industries Report, Federal Bureau of Statistics, Islamabad.</p>
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## Pakistan

ISIC Revision 2	Number of establishments				Number of employees				Wages and salaries paid to employees								
	ISIC Industry	Note	(numbers)				Note	(numbers)				Note	(million RUPEES)				
			1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998	
311/2 Food products			931				78212						5103.9				
3111 Slaughtering, preparing & preserving meat			-				-						-				
3112 Dairy products			11				3389						333.2				
3113 Canning, preserving of fruits & vegetables			9				826						66.9				
3114 Canning, preserving and processing of fish			7				189						7.9				
3115 Vegetable and animal oils and fats			129				9393						662.9				
3116 Grain mill products			575				11354						344.4				
3117 Bakery products			58				6587						236.1				
3118 Sugar factories and refineries			58				41391						2813.4				
3119 Cocoa, chocolate and sugar confectionery			12				549						32.7				
3121 Other food products			48				3202						521.6				
3122 Prepared animal feeds			24				1332						84.8				
313 Beverages			38				4671						371.9				
3131 Distilling, rectifying and blending spirits			15a/				1734a/						124.7a/				
3132 Wine industries			a/				a/						a/				
3133 Malt liquors and malt			a/				a/						a/				
3134 Soft drinks and carbonated waters			23				2937						247.2				
314 Tobacco			15				5701						424.5				
321 Textiles			1367				236183						11969.1				
3211 Spinning, weaving and finishing textiles			1137				216801						10763.8				
3212 Made-up textile goods excl. wearing apparel			21				1876						87.7				
3213 Knitting mills			139				9889						595.8				
3214 Carpets and rugs			19				2313						84.7				
3215 Cordage, rope and twine			3				105						3.4				
3219 Other textiles			48				4199						433.7				
322 Wearing apparel, except footwear			130				13676						929.1				
323 Leather and fur products			77				6987						388.7				
3231 Tanneries and leather finishing			72				6727						371.9				
3232 Fur dressing and dyeing industries			-				-						-				
3233 Leather prods. excl. wearing apparel			5				260						16.8				
324 Footwear, except rubber or plastic			15				6252						481.3				
331 Wood products, except furniture			45				3933						142.6				
3311 Sawmills, planing and other wood mills			4				284						3.7				
3312 Wooden and cane containers			3				308						14.4				
3319 Other wood and cork products			38				3341						124.5				
332 Furniture and fixtures, excl. metal			36				866						35.7				
341 Paper and products			75				9739						606.8				
3411 Pulp, paper and paperboard articles			14				2939						149.9				
3412 Containers of paper and paperboard			8				1583						130.6				
3419 Other pulp, paper and paperboard articles			53				5217						326.3				
342 Printing and publishing			96				8084						668.7				
351 Industrial chemicals			116				20037						2672.1				
3511 Basic chemicals excl. fertilizers			42				5066						457.5				
3512 Fertilizers and pesticides			27				10865						1777.5				
3513 Synthetic resins and plastic materials			47				4106						437.2				
352 Other chemicals			294				30076						3744.9				
3521 Paints, varnishes and lacquers			20				1103						227.1				
3522 Drugs and medicines			166				21039						2653.3				
3523 Soap, cleaning preps., perfumes, cosmetics			68				3791						599.5				
3529 Other chemical products			40				4143						265.0				
353 Petroleum refineries			17b/				1798b/						573.8b/				



354 Misc. petroleum and coal products	...	...b/	...	...	...	...b/	...	...	...	...b/	...	...
355 Rubber products	...	41	...	...	...	8885	...	...	...	513.7	...	...
3551 Tyres and tubes	...	14	...	...	...	2361	...	...	...	270.5	...	...
3559 Other rubber products	...	27	...	...	...	6524	...	...	...	243.2	...	...
356 Plastic products	...	83	...	...	...	4999	...	...	...	321.6	...	...
361 Pottery, china, earthenware	...	32	...	...	...	2873	...	...	...	109.2	...	...
362 Glass and products	...	27	...	...	...	3248	...	...	...	203.4	...	...
369 Other non-metallic mineral products	...	87	...	...	...	15916	...	...	...	1943.4	...	...
3691 Structural clay products	...	16	...	...	...	2601	...	...	...	309.9	...	...
3692 Cement, lime and plaster	...	49	...	...	...	12850	...	...	...	1609.9	...	...
3699 Other non-metallic mineral products	...	22	...	...	...	465	...	...	...	23.6	...	...
371 Iron and steel	...	136	...	...	...	33199	...	...	...	4375.5	...	...
372 Non-ferrous metals	...	12	...	...	...	413	...	...	...	19.5	...	...
381 Fabricated metal products	...	171	...	...	...	6354	...	...	...	462.8	...	...
3811 Cutlery, hand tools and general hardware	...	13	...	...	...	481	...	...	...	44.8	...	...
3812 Furniture and fixtures primarily of metal	...	7	...	...	...	73	...	...	...	3.8	...	...
3813 Structural metal products	...	3	...	...	...	114	...	...	...	6.4	...	...
3819 Other fabricated metal products	...	148	...	...	...	5686	...	...	...	407.8	...	...
382 Non-electrical machinery	...	193	...	...	...	17274	...	...	...	1659.9	...	...
3821 Engines and turbines	...	7	...	...	...	145	...	...	...	6.4	...	...
3822 Agricultural machinery and equipment	...	80	...	...	...	3575	...	...	...	508.1	...	...
3823 Metal and wood working machinery	...	6	...	...	...	2732	...	...	...	200.5	...	...
3824 Other special industrial machinery	...	20	...	...	...	368	...	...	...	15.5	...	...
3825 Office, computing and accounting machinery	...	-	...	...	...	-	...	...	...	-	...	...
3829 Other non-electrical machinery & equipment	...	80	...	...	...	10454	...	...	...	929.5	...	...
383 Electrical machinery	...	183	...	...	...	20327	...	...	...	1983.4	...	...
3831 Electrical industrial machinery	...	25	...	...	...	4745	...	...	...	703.1	...	...
3832 Radio, television and communication equipm.	...	20	...	...	...	5189	...	...	...	675.4	...	...
3833 Electrical appliances and housewares	...	101	...	...	...	5820	...	...	...	304.1	...	...
3839 Other electrical apparatus and supplies	...	37	...	...	...	4573	...	...	...	300.9	...	...
384 Transport equipment	...	121	...	...	...	13853	...	...	...	1395.8	...	...
3841 Shipbuilding and repairing	...	6c/	...	...	...	4067c/	...	...	...	387.4c/	...	...
3842 Railroad equipment	...	...c/	...	...	...	...c/	...	...	...	...c/	...	...
3843 Motor vehicles	...	76	...	...	...	5502	...	...	...	740.2	...	...
3844 Motorcycles and bicycles	...	19	...	...	...	3525	...	...	...	228.2	...	...
3845 Aircraft	...	-	...	...	...	-	...	...	...	-	...	...
3849 Other transport equipment	...	20	...	...	...	759	...	...	...	40.0	...	...
385 Professional and scientific equipment	...	63	...	...	...	2747	...	...	...	177.6	...	...
3851 Prof. and scientific equipment n.e.c.	...	60	...	...	...	2654	...	...	...	173.9	...	...
3852 Photographic and optical goods	...	3d/	...	...	...	93d/	...	...	...	3.7d/	...	...
3853 Watches and clocks	...	...d/	...	...	...	...d/	...	...	...	...d/	...	...
390 Other manufacturing industries	...	73	...	...	...	6618	...	...	...	324.7	...	...
3901 Jewellery and related articles	...	5e/	...	...	...	106e/	...	...	...	4.7e/	...	...
3902 Musical instruments	...	...e/	...	...	...	...e/	...	...	...	...e/	...	...
3903 Sporting and athletic goods	...	34	...	...	...	4213	...	...	...	175.6	...	...
3909 Manufacturing industries, n.e.c.	...	34	...	...	...	2299	...	...	...	144.4	...	...
3 Total manufacturing	...	4474	...	...	...	561921	...	...	...	41603.5	...	...

a/ 3131 includes 3132 and 3133.  
b/ 353 includes 354.  
c/ 3841 includes 3842.  
d/ 3852 includes 3853.  
e/ 3901 includes 3902.

## Pakistan

ISIC Revision 2 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(million RUPEES)				Note	(million RUPEES)				Note	(million RUPEES)	
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996
311/2 Food products		...	122774.2	...	...		...	32282.8	...	...		...	32638.6
3111 Slaughtering, preparing & preserving meat		...	...	...	...		...	...	...	...		...	...
3112 Dairy products		...	6324.9	...	...		...	2250.0	...	...		...	2402.9
3113 Canning, preserving of fruits & vegetables		...	873.0	...	...		...	297.2	...	...		...	177.5
3114 Canning, preserving and processing of fish		...	715.9	...	...		...	89.1	...	...		...	17.2
3115 Vegetable and animal oils and fats		...	33540.6	...	...		...	5361.6	...	...		...	2265.2
3116 Grain mill products		...	20941.1	...	...		...	1842.8	...	...		...	1859.4
3117 Bakery products		...	2735.3	...	...		...	1133.4	...	...		...	981.6
3118 Sugar factories and refineries		...	38289.9	...	...		...	16999.9	...	...		...	23450.3
3119 Cocoa, chocolate and sugar confectionery		...	416.8	...	...		...	180.8	...	...		...	204.3
3121 Other food products		...	13943.9	...	...		...	3349.4	...	...		...	977.4
3122 Prepared animal feeds		...	4992.9	...	...		...	778.7	...	...		...	302.6
313 Beverages		...	7135.9	...	...		...	3388.7	...	...		...	1821.6
3131 Distilling, rectifying and blending spirits		...	2495.9a/	...	...		...	1170.0a/	...	...		...	848.7a/
3132 Wine industries		...	...a/	...	...		...	...a/	...	...		...	...a/
3133 Malt liquors and malt		...	...a/	...	...		...	...a/	...	...		...	...a/
3134 Soft drinks and carbonated waters		...	4640.0	...	...		...	2218.7	...	...		...	972.9
314 Tobacco		...	16108.5	...	...		...	13132.8	...	...		...	942.0
321 Textiles		...	234541.6	...	...		...	49905.3	...	...		...	96509.8
3211 Spinning, weaving and finishing textiles		...	214248.9	...	...		...	45760.0	...	...		...	86957.6
3212 Made-up textile goods excl. wearing apparel		...	1251.0	...	...		...	229.4	...	...		...	122.7
3213 Knitting mills		...	7380.0	...	...		...	1682.8	...	...		...	2128.2
3214 Carpets and rugs		...	1517.8	...	...		...	335.1	...	...		...	618.5
3215 Cordage, rope and twine		...	10.2	...	...		...	4.3	...	...		...	5.4
3219 Other textiles		...	10133.5	...	...		...	1893.7	...	...		...	6677.4
322 Wearing apparel, except footwear		...	10105.0	...	...		...	2897.6	...	...		...	1919.2
323 Leather and fur products		...	9712.4	...	...		...	1668.3	...	...		...	1487.5
3231 Tanneries and leather finishing		...	9525.8	...	...		...	1630.0	...	...		...	1420.2
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...
3233 Leather prods. excl. wearing apparel		...	186.6	...	...		...	38.3	...	...		...	67.3
324 Footwear, except rubber or plastic		...	3888.9	...	...		...	1068.3	...	...		...	648.1
331 Wood products, except furniture		...	1451.9	...	...		...	498.9	...	...		...	615.9
3311 Sawmills, planing and other wood mills		...	17.2	...	...		...	10.9	...	...		...	14.9
3312 Wooden and cane containers		...	184.7	...	...		...	67.7	...	...		...	44.9
3319 Other wood and cork products		...	1250.0	...	...		...	420.2	...	...		...	556.1
332 Furniture and fixtures, excl. metal		...	351.2	...	...		...	96.4	...	...		...	101.7
341 Paper and products		...	10396.5	...	...		...	3422.6	...	...		...	4993.1
3411 Pulp, paper and paperboard articles		...	3001.3	...	...		...	1041.0	...	...		...	931.5
3412 Containers of paper and paperboard		...	1521.4	...	...		...	442.5	...	...		...	2136.9
3419 Other pulp, paper and paperboard articles		...	5873.8	...	...		...	1939.1	...	...		...	1924.8
342 Printing and publishing		...	6914.7	...	...		...	4266.6	...	...		...	1385.8
351 Industrial chemicals		...	40191.1	...	...		...	18120.7	...	...		...	18351.6
3511 Basic chemicals excl. fertilizers		...	5883.9	...	...		...	2019.8	...	...		...	2031.6
3512 Fertilizers and pesticides		...	26564.6	...	...		...	13241.9	...	...		...	14180.3
3513 Synthetic resins and plastic materials		...	7742.6	...	...		...	2859.1	...	...		...	2139.7
352 Other chemicals		...	43772.6	...	...		...	16445.5	...	...		...	6320.6
3521 Paints, varnishes and lacquers		...	3406.7	...	...		...	1205.1	...	...		...	296.0
3522 Drugs and medicines		...	25535.8	...	...		...	10100.7	...	...		...	4286.2
3523 Soap, cleaning preps., perfumes, cosmetics		...	12274.2	...	...		...	4305.3	...	...		...	981.5
3529 Other chemical products		...	2555.9	...	...		...	834.4	...	...		...	756.9
353 Petroleum refineries		...	33634.7b/	...	...		...	6509.0b/	...	...		...	4481.3b/

354 Misc. petroleum and coal products	...	...b/	...	...	...	...b/	...	...	...	...b/
355 Rubber products	...	5118.0	...	...	...	1864.8	...	...	...	605.9
3551 Tyres and tubes	...	3174.4	...	...	...	1276.8	...	...	...	449.1
3559 Other rubber products	...	1943.6	...	...	...	588.0	...	...	...	156.8
356 Plastic products	...	3916.9	...	...	...	864.7	...	...	...	1846.5
361 Pottery, china, earthenware	...	865.6	...	...	...	420.4	...	...	...	1125.2
362 Glass and products	...	1582.5	...	...	...	673.3	...	...	...	697.5
369 Other non-metallic mineral products	...	27033.0	...	...	...	15208.1	...	...	...	18219.2
3691 Structural clay products	...	1526.9	...	...	...	800.2	...	...	...	706.7
3692 Cement, lime and plaster	...	25408.9	...	...	...	14377.2	...	...	...	17376.9
3699 Other non-metallic mineral products	...	97.1	...	...	...	30.7	...	...	...	136.6
371 Iron and steel	...	26859.8	...	...	...	8828.0	...	...	...	21086.0
372 Non-ferrous metals	...	264.5	...	...	...	52.1	...	...	...	152.7
381 Fabricated metal products	...	4722.0	...	...	...	1467.6	...	...	...	970.1
3811 Cutlery, hand tools and general hardware	...	401.9	...	...	...	172.4	...	...	...	31.1
3812 Furniture and fixtures primarily of metal	...	29.3	...	...	...	9.1	...	...	...	4.5
3813 Structural metal products	...	54.4	...	...	...	12.8	...	...	...	37.0
3819 Other fabricated metal products	...	4236.4	...	...	...	1273.3	...	...	...	897.5
382 Non-electrical machinery	...	12547.4	...	...	...	3429.0	...	...	...	4700.2
3821 Engines and turbines	...	132.4	...	...	...	18.3	...	...	...	19.5
3822 Agricultural machinery and equipment	...	6756.4	...	...	...	1345.6	...	...	...	1591.0
3823 Metal and wood working machinery	...	307.1	...	...	...	194.2	...	...	...	352.1
3824 Other special industrial machinery	...	103.6	...	...	...	42.0	...	...	...	106.9
3825 Office, computing and accounting machinery	...	-	...	...	...	-	...	...	...	-
3829 Other non-electrical machinery & equipment	...	5247.9	...	...	...	1829.0	...	...	...	2630.8
383 Electrical machinery	...	30926.1	...	...	...	16298.0	...	...	...	5816.7
3831 Electrical industrial machinery	...	6946.6	...	...	...	3068.7	...	...	...	1108.1
3832 Radio, television and communication equipm.	...	8286.2	...	...	...	5728.6	...	...	...	2034.0
3833 Electrical appliances and housewares	...	10090.2	...	...	...	5502.2	...	...	...	1461.5
3839 Other electrical apparatus and supplies	...	5603.1	...	...	...	1998.4	...	...	...	1213.2
384 Transport equipment	...	29780.4	...	...	...	7449.3	...	...	...	6828.3
3841 Shipbuilding and repairing	...	861.1c/	...	...	...	425.7c/	...	...	...	543.7c/
3842 Railroad equipment	...	...	...	...	...	...	...	...	...	...
3843 Motor vehicles	...	24036.3	...	...	...	5844.9	...	...	...	5279.5
3844 Motorcycles and bicycles	...	3461.9	...	...	...	956.1	...	...	...	935.1
3845 Aircraft	...	-	...	...	...	-	...	...	...	-
3849 Other transport equipment	...	1421.1	...	...	...	222.6	...	...	...	70.0
385 Professional and scientific equipment	...	2237.6	...	...	...	526.0	...	...	...	505.9
3851 Prof. and scientific equipment n.e.c.	...	2219.6	...	...	...	520.2	...	...	...	501.5
3852 Photographic and optical goods	...	18.0d/	...	...	...	5.8d/	...	...	...	4.5d/
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	...	6177.7	...	...	...	1773.7	...	...	...	1003.1
3901 Jewellery and related articles	...	149.1e/	...	...	...	56.7e/	...	...	...	33.4e/
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	3742.6	...	...	...	773.6	...	...	...	499.9
3909 Manufacturing industries, n.e.c.	...	2285.9	...	...	...	943.4	...	...	...	469.7
3 Total manufacturing	...	693010.5	...	...	...	212558.5	...	...	...	235774.1

a/ 3131 includes 3132 and 3133.

b/ 353 includes 354.

c/ 3841 includes 3842.

d/ 3852 includes 3853.

e/ 3901 includes 3902.

## Pakistan

ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
311/2 Food products		101	96	106	100	106	116	111	109	111	111	112	119
313 Beverages		...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco		132	107	108	100	99	111	120	110	152	154	161	173
321 Textiles		90	89	96	100	107	109	102	101	105	105	118	119
322 Wearing apparel, except footwear		...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	...	...	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		91	94	92	100	116	173	173	201	199	227	226	233
342 Printing and publishing		45	53	124	100	113	100	113	...	...	...	...	...
351 Industrial chemicals		97	99	103	100	94	109	136	134	147	145	143	152
352 Other chemicals		...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		91	93	97	100	104	109	106	109	124	123	121	124
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

## PANAMA

<p><b>Supplier of information:</b> Dirección de Estadística y Censo, Contraloría General de la República, Panama.</p> <p><b>Basic source of data:</b> Industrial survey.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All establishments.</p> <p><b>Method of enumeration:</b> Individual sites are visited by enumerators.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b> Estadísticas Panameñas, situación económica, estructura industrial, Industria Manufacturera, año 1998; publicación de la Dirección de Estadística y Censo, Panamá.</p>
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## Panama

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand BALBOAS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats	...	78	78	78	...	5724	6965	6788	...	26046	27331	28739			
1511 Processing/preserving of meat	...	37	37	37	...	1988	3624	3795	...	10903	12663	14737			
1512 Processing/preserving of fish	...	30	30	30	...	2239	1802	1616	...	5821	6043	7074			
1513 Processing/preserving of fruit & vegetables	...	8	8	8	...	1083	1115	973	...	5966	4415	3848			
1514 Vegetable and animal oils and fats	...	3	3	3	...	414	424	404	...	3356	4210	3080			
1520 Dairy products	...	28	28	28	...	1524	1647	2074	...	11933	11346	16123			
153 Grain mill products; starches; animal feeds	...	81	81	82	...	2140	2310	2569	...	7710	8563	9111			
1531 Grain mill products	...	66	66	66	...	1557	1456	1530	...	5415	5500	6025			
1532 Starches and starch products	...	-	-	-	...	-	-	-	...	-	-	-			
1533 Prepared animal feeds	...	15	15	16	...	583	854	1039	...	2295	3063	3086			
154 Other food products	...	152	157	157	...	5767	6204	6351	...	23975	28991	28814			
1541 Bakery products	...	101	101	101	...	2960	3103	3292	...	10904	10887	12116			
1542 Sugar	...	3	3	3	...	1756	1821	1786	...	8626	12808	10909			
1543 Cocoa, chocolate and sugar confectionery	...	-	-	-	...	-	-	-	...	-	-	-			
1544 Macaroni, noodles & similar products	...	-	-	-	...	-	-	-	...	-	-	-			
1549 Other food products n.e.c.	...	48	53	53	...	1051	1280	1273	...	4445	5296	5789			
155 Beverages	...	21	21	24	...	2143	1884	2330	...	12285	12423	14509			
1551 Distilling, rectifying & blending of spirits	...	10	10	13	...	559	471	626	...	3118	2956	2533			
1552 Wines	...	-	-	-	...	-	-	-	...	-	-	-			
1553 Malt liquors and malt	...	4	4	4	...	907	894	968	...	5756	6363	7543			
1554 Soft drinks; mineral waters	...	7	7	7	...	677	519	736	...	3411	3104	4433			
1600 Tobacco products	...	2	2	2	...	193	182	32	...	2095	1958	226			
171 Spinning, weaving and finishing of textiles	...	...	...	...	...	...	...	...	...	...	...	...			
1711 Textile fibre preparation; textile weaving	...	...	...	...	...	...	...	...	...	...	...	...			
1712 Finishing of textiles	...	...	...	...	...	...	...	...	...	...	...	...			
172 Other textiles	...	...	...	...	...	...	...	...	...	...	...	...			
1721 Made-up textile articles, except apparel	...	...	...	...	...	...	...	...	...	...	...	...			
1722 Carpets and rugs	...	...	...	...	...	...	...	...	...	...	...	...			
1723 Cordage, rope, twine and netting	...	...	...	...	...	...	...	...	...	...	...	...			
1729 Other textiles n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...			
1730 Knitted and crocheted fabrics and articles	...	3	3	3	...	257	333	320	...	1246	1291	1043			
1810 Wearing apparel, except fur apparel	...	79	79	79	...	4538	4137	4160	...	13565	13667	13922			
1820 Dressing & dyeing of fur; processing of fur	...	-	-	-	...	-	-	-	...	-	-	-			
191 Tanning, dressing and processing of leather	...	7	7	7	...	264	259	251	...	1441	1258	1196			
1911 Tanning and dressing of leather	...	7	7	7	...	264	259	251	...	1441	1258	1196			
1912 Luggage, handbags, etc.; saddlery & harness	...	-	-	-	...	-	-	-	...	-	-	-			
1920 Footwear	...	16	16	16	...	708	695	598	...	2605	2311	2196			
2010 Sawmilling and planing of wood	...	8	8	8	...	318	285	283	...	963	982	988			
202 Products of wood, cork, straw, etc.	...	16	16	16	...	540	558	543	...	1823	1979	1852			
2021 Veneer sheets, plywood, particle board, etc.	...	4	4	4	...	344	340	339	...	1144	1163	1098			
2022 Builders' carpentry and joinery	...	12	12	12	...	196	218	204	...	679	816	754			
2023 Wooden containers	...	-	-	-	...	-	-	-	...	-	-	-			
2029 Other wood products; articles of cork/straw	...	-	-	-	...	-	-	-	...	-	-	-			
210 Paper and paper products	...	36	36	36	...	1836	1925	1899	...	11314	10719	11190			
2101 Pulp, paper and paperboard	...	a/	a/	a/	...	a/	a/	a/	...	a/	a/	a/			
2102 Corrugated paper and paperboard	...	13a/	13a/	13a/	...	1080a/	1075a/	847a/	...	7028a/	6928a/	6640a/			
2109 Other articles of paper and paperboard	...	23	23	23	...	756	850	1052	...	4286	3791	4550			
221 Publishing	...	26	26	26	...	899	1068	1092	...	6479	7222	7363			
2211 Publishing of books and other publications	...	-	-	-	...	-	-	-	...	-	-	-			
2212 Publishing of newspapers, journals, etc.	...	11	11	11	...	672	830	853	...	5608	6019	6319			
2213 Publishing of recorded media	...	-	-	-	...	-	-	-	...	-	-	-			
2219 Other publishing	...	15	15	15	...	227	238	239	...	871	1203	1044			

222	Printing and related service activities	90	90	90	1455	1379	1438	6089	5764	6585
2221	Printing	90	90	90	1455	1379	1438	6089	5764	6585
2222	Service activities related to printing	-	-	-	-	-	-	-	-	-
2230	Reproduction of recorded media	-	-	-	-	-	-	-	-	-
2310	Coke oven products	-	-	-	-	-	-	-	-	-
2320	Refined petroleum products	8	8	8	460	457	465	14714	13541	13730
2330	Processing of nuclear fuel	-	-	-	-	-	-	-	-	-
241	Basic chemicals	8	8	7	324	218	181	1314	1604	1887
2411	Basic chemicals, except fertilizers	8b/	8b/	7b/	324b/	218b/	181b/	1314b/	1604b/	1887b/
2412	Fertilizers and nitrogen compounds	b/	b/	b/	b/	b/	b/	b/	b/	b/
2413	Plastics in primary forms; synthetic rubber	-	-	-	-	-	-	-	-	-
242	Other chemicals	48	43	44	1887	1964	2181	13598	12629	14794
2421	Pesticides and other agro-chemical products	-	-	-	-	-	-	-	-	-
2422	Paints, varnishes, printing ink and mastics	9	9	9	366	370	366	2640	2474	3334
2423	Pharmaceuticals, medicinal chemicals, etc.	12	12	12	438	481	594	2877	3156	3671
2424	Soap, cleaning & cosmetic preparations	27	22	23	1093	1113	1201	8081	6999	7789
2429	Other chemical products n.e.c.	-	-	-	-	-	-	-	-	-
2430	Man-made fibres	-	-	-	-	-	-	-	-	-
251	Rubber products	7	7	7	210	203	232	835	899	1041
2511	Rubber tyres and tubes	7	7	7	210	203	232	835	899	1041
2519	Other rubber products	-	-	-	-	-	-	-	-	-
2520	Plastic products	44	44	41	2055	2117	2105	10675	10922	10511
2610	Glass and glass products	8	8	8	381	411	435	1614	1570	1461
269	Non-metallic mineral products n.e.c.	59	59	56	1937	2148	2189	12375	12403	13144
2691	Pottery, china and earthenware	-	-	-	-	-	-	-	-	-
2692	Refractory ceramic products	3	3	-	117	20	-	721	494	-
2693	Struct.non-refractory clay; ceramic products	-	-	-	-	-	-	-	-	-
2694	Cement, lime and plaster	6	6	6	553	549	536	5857	4407	4744
2695	Articles of concrete, cement and plaster	50	50	50	1267	1579	1653	5797	7502	8400
2696	Cutting, shaping & finishing of stone	-	-	-	-	-	-	-	-	-
2699	Other non-metallic mineral products n.e.c.	-	-	-	-	-	-	-	-	-
2710	Basic iron and steel	6	6	6	290	386	362	1767	2199	1923
2720	Basic precious and non-ferrous metals	3	3	3	160	167	178	988	817	924
273	Casting of metals	-	-	-	-	-	-	-	-	-
2731	Casting of iron and steel	-	-	-	-	-	-	-	-	-
2732	Casting of non-ferrous metals	-	-	-	-	-	-	-	-	-
281	Struct.metall products;tanks;steam generators	66	66	66	830	623	881	3425	3954	2718
2811	Structural metal products	59	59	59	651	478	727	2550	3196	2049
2812	Tanks, reservoirs and containers of metal	7	7	7	179	145	154	875	758	669
2813	Steam generators	-	-	-	-	-	-	-	-	-
289	Other metal products; metal working services	37	37	38	425	296	352	1404	1304	1597
2891	Metal forging/pressing/stamping/roll-forming	-	-	-	-	-	-	-	-	-
2892	Treatment & coating of metals	-	-	-	-	-	-	-	-	-
2893	Cutlery, hand tools and general hardware	-	-	-	-	-	-	-	-	-
2899	Other fabricated metal products n.e.c.	37	37	38	425	296	352	1404	1304	1597
291	General purpose machinery	-	-	-	-	-	-	-	-	-
2911	Engines & turbines(not for transport equip.)	-	-	-	-	-	-	-	-	-
2912	Pumps, compressors, taps and valves	-	-	-	-	-	-	-	-	-
2913	Bearings, gears, gearing & driving elements	-	-	-	-	-	-	-	-	-
2914	Ovens, furnaces and furnace burners	-	-	-	-	-	-	-	-	-
2915	Lifting and handling equipment	-	-	-	-	-	-	-	-	-
2919	Other general purpose machinery	-	-	-	-	-	-	-	-	-
292	Special purpose machinery	-	-	-	-	-	-	-	-	-
2921	Agricultural and forestry machinery	-	-	-	-	-	-	-	-	-
2922	Machine tools	-	-	-	-	-	-	-	-	-
2923	Machinery for metallurgy	-	-	-	-	-	-	-	-	-
2924	Machinery for mining & construction	-	-	-	-	-	-	-	-	-
2925	Food/beverage/tobacco processing machinery	-	-	-	-	-	-	-	-	-
2926	Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-
2927	Weapons and ammunition	-	-	-	-	-	-	-	-	-
2929	Other special purpose machinery	-	-	-	-	-	-	-	-	-
2930	Domestic appliances n.e.c.	-	-	-	-	-	-	-	-	-

continued

## Panama

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand BALBOAS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		...	...	...	...		...	...	...	...		...	...	...	...
3110 Electric motors, generators and transformers		...	...	...	...		...	...	...	...		...	...	...	...
3120 Electricity distribution & control apparatus		...	...	...	...		...	...	...	...		...	...	...	...
3130 Insulated wire and cable		...	...	...	...		...	...	...	...		...	...	...	...
3140 Accumulators, primary cells and batteries		...	...	...	...		...	...	...	...		...	...	...	...
3150 Lighting equipment and electric lamps		...	...	...	...		...	...	...	...		...	...	...	...
3190 Other electrical equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3210 Electronic valves, tubes, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3220 TV/radio transmitters; line comm. apparatus		...	...	...	...		...	...	...	...		...	...	...	...
3230 TV and radio receivers and associated goods		...	...	...	...		...	...	...	...		...	...	...	...
331 Medical, measuring, testing appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3311 Medical, surgical and orthopaedic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3313 Industrial process control equipment		...	...	...	...		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3330 Watches and clocks		...	...	...	...		...	...	...	...		...	...	...	...
3410 Motor vehicles		...	...	...	...		...	...	...	...		...	...	...	...
3420 Automobile bodies, trailers & semi-trailers		...	...	...	...		...	...	...	...		...	...	...	...
3430 Parts/accessories for automobiles		...	...	...	...		...	...	...	...		...	...	...	...
351 Building and repairing of ships and boats		...	...	...	...		...	...	...	...		...	...	...	...
3511 Building and repairing of ships		...	...	...	...		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		...	...	...	...		...	...	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		...	...	...	...		...	...	...	...		...	...	...	...
3530 Aircraft and spacecraft		...	...	...	...		...	...	...	...		...	...	...	...
359 Transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3591 Motorcycles		...	...	...	...		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		...	...	...	...		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3610 Furniture		...	...	...	...		...	...	...	...		...	...	...	...
369 Manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3691 Jewellery and related articles		...	...	...	...		...	...	...	...		...	...	...	...
3692 Musical instruments		...	...	...	...		...	...	...	...		...	...	...	...
3693 Sports goods		...	...	...	...		...	...	...	...		...	...	...	...
3694 Games and toys		...	...	...	...		...	...	...	...		...	...	...	...
3699 Other manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3710 Recycling of metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
3720 Recycling of non-metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
D Total manufacturing	c/	...	937	937	935	c/	...	37268	38820	40233	c/	...	192279	197644	207597

a/ 2102 includes 2101.  
b/ 2411 includes 2412.  
c/ Sum of available data.



## Panama

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(thousand BALBOAS)				Note	(thousand BALBOAS)				(thousand BALBOAS)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
151 Processed meat, fish, fruit, vegetables, fats		...	383318	473253	455125		...	71180	76446	80221		11716	4347
1511 Processing/preserving of meat		...	164970	183680	189000		...	24030	24187	29807		4318	3997
1512 Processing/preserving of fish		...	91548	164232	134079		...	15426	26430	23489		5725	6123
1513 Processing/preserving of fruit & vegetables		...	72203	67703	85055		...	17643	12407	19389		209	242
1514 Vegetable and animal oils and fats		...	54597	57638	46991		...	14081	13422	7536		1464	-6015
1520 Dairy products		...	127421	135584	166073		...	27141	29443	38116		2402	15735
153 Grain mill products; starches; animal feeds		...	197842	204353	235489		...	23954	29085	29034		5187	5833
1531 Grain mill products		...	131723	132601	144281		...	20172	21808	22398		4521	2957
1532 Starches and starch products		...	-	-	-		...	-	-	-		-	-
1533 Prepared animal feeds		...	66119	71752	91208		...	3782	7277	6636		666	2876
154 Other food products		...	235585	257178	258516		...	63358	69298	73749		10051	9036
1541 Bakery products		...	67612	69181	69276		...	19252	19710	21162		-564	2050
1542 Sugar		...	81651	93576	93712		...	32109	40204	38060		3985	4657
1543 Cocoa, chocolate and sugar confectionery		...	-	-	-		...	-	-	-		-	-
1544 Macaroni, noodles & similar products		...	-	-	-		...	-	-	-		-	-
1549 Other food products n.e.c.		...	86322	94421	95528		...	11997	9384	14527		6630	2329
155 Beverages		...	176378	173697	207674		...	56694	59138	43140		10787	14312
1551 Distilling, rectifying & blending of spirits		...	42857	39664	44540		...	17987	19461	8411		-155	2730
1552 Wines		...	-	-	-		...	-	-	-		-	-
1553 Malt liquors and malt		...	74303	72100	88291		...	26996	26183	27425		6885	10197
1554 Soft drinks; mineral waters		...	59218	61933	74843		...	11711	13494	7304		4057	1385
1600 Tobacco products		...	37763	40086	19379		...	17813	15714	413		-2561	-3009
171 Spinning, weaving and finishing of textiles		...	...	...	...		...	...	...	...		...	...
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...		...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...
172 Other textiles		...	...	...	...		...	...	...	...		...	...
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...	...
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...	...
1730 Knitted and crocheted fabrics and articles		...	7184	8800	8397		...	3153	3376	3269		156	472
1810 Wearing apparel, except fur apparel		...	72670	68922	68869		...	22476	23427	24227		764	793
1820 Dressing & dyeing of fur; processing of fur		...	-	-	-		...	-	-	-		-	-
191 Tanning, dressing and processing of leather		...	17625	16105	18175		...	4432	3468	3857		194	217
1911 Tanning and dressing of leather		...	17625	16105	18175		...	4432	3468	3857		194	217
1912 Luggage, handbags, etc.; saddlery & harness		...	-	-	-		...	-	-	-		-	-
1920 Footwear		...	15742	16425	14173		...	3857	4075	3533		137	269
2010 Sawmilling and planing of wood		...	6845	9383	9402		...	-1458	2283	2428		59	1164
202 Products of wood, cork, straw, etc.		...	11741	12250	12148		...	3211	3159	3135		192	488
2021 Veneer sheets, plywood, particle board, etc.		...	5783	6914	5640		...	1896	2062	1757		98	58
2022 Builders' carpentry and joinery		...	5958	5336	6508		...	1315	1097	1378		94	430
2023 Wooden containers		...	-	-	-		...	-	-	-		-	-
2029 Other wood products; articles of cork/straw		...	-	-	-		...	-	-	-		-	-
210 Paper and paper products		...	134966	117629	106498		...	32909	26244	27252		5981	-2395
2101 Pulp, paper and paperboard		...	...a/	...a/	...a/		...	...a/	...a/	...a/	a/	...	...
2102 Corrugated paper and paperboard		...	85916a/	73428a/	67793a/		...	18452a/	15728a/	18101a/		1842	3829
2109 Other articles of paper and paperboard		...	49050	44201	38705		...	14457	10516	9151		4139	-6224
221 Publishing		...	44730	52223	62799		...	18384	21539	24128		5714	10370
2211 Publishing of books and other publications		...	-	-	-		...	-	-	-		-	-
2212 Publishing of newspapers, journals, etc.		...	36917	42883	53232		...	16521	19283	21847		5360	9958
2213 Publishing of recorded media		...	-	-	-		...	-	-	-		-	-
2219 Other publishing		...	7813	9340	9567		...	1863	2256	2281		354	412

continued

## Panama

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation			
	Note	(thousand BALBOAS)				Note	(thousand BALBOAS)				(thousand BALBOAS)	
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
222 Printing and related service activities	...	41755	39789	43186	...	13236	12473	13946	...	3577	2435	
2221 Printing	...	41755	39789	43186	...	13236	12473	13946	...	3577	2435	
2222 Service activities related to printing	...	-	-	-	...	-	-	-	...	-	-	
2230 Reproduction of recorded media	...	-	-	-	...	-	-	-	...	-	-	
2310 Coke oven products	...	-	-	-	...	-	-	-	...	-	-	
2320 Refined petroleum products	...	414295	382062	291282	...	-9596	11623	31460	...	5270	10995	
2330 Processing of nuclear fuel	...	-	-	-	...	-	-	-	...	-	-	
241 Basic chemicals	...	21135	19954	12686	...	4093	4812	-164	...	798	757	
2411 Basic chemicals, except fertilizers	...	21135b/	19954b/	12686b/	...	4093b/	4812b/	-164b/	b/	798	757	
2412 Fertilizers and nitrogen compounds	...	...b/	...b/	...b/	...	...b/	...b/	...b/	b/	...	...	
2413 Plastics in primary forms; synthetic rubber	...	-	-	-	...	-	-	-	...	-	-	
242 Other chemicals	...	137537	146462	146950	...	28942	31899	35508	...	1037	-1271	
2421 Pesticides and other agro-chemical products	...	-	-	-	...	-	-	-	...	-	-	
2422 Paints, varnishes, printing ink and mastics	...	31794	30144	32319	...	5241	6156	6145	...	754	3178	
2423 Pharmaceuticals, medicinal chemicals, etc.	...	23475	26895	30219	...	7834	7910	12727	...	918	1544	
2424 Soap, cleaning & cosmetic preparations	...	82268	89423	84412	...	15867	17833	16636	...	-635	-5993	
2429 Other chemical products n.e.c.	...	-	-	-	...	-	-	-	...	-	-	
2430 Man-made fibres	...	-	-	-	...	-	-	-	...	-	-	
251 Rubber products	...	8148	8338	8167	...	1421	1741	2221	...	123	684	
2511 Rubber tyres and tubes	...	8148	8338	8167	...	1421	1741	2221	...	123	684	
2519 Other rubber products	...	-	-	-	...	-	-	-	...	-	-	
2520 Plastic products	...	92395	105783	98683	...	29208	32032	10261	...	108	3793	
2610 Glass and glass products	...	17073	16986	15792	...	7442	6169	5293	...	3030	7170	
269 Non-metallic mineral products n.e.c.	...	132142	162322	181049	...	41020	48339	52999	...	27475	9558	
2691 Pottery, china and earthenware	...	-	-	-	...	-	-	-	...	-	-	
2692 Refractory ceramic products	...	2516	109	-	...	137	-334	-	...	-186	-	
2693 Struct.non-refractory clay; ceramic products	...	-	-	-	...	-	-	-	...	-	-	
2694 Cement, lime and plaster	...	68364	84743	94433	...	28125	31967	35180	...	24573	6888	
2695 Articles of concrete, cement and plaster	...	61262	77470	86616	...	12758	16706	17819	...	3088	2670	
2696 Cutting, shaping & finishing of stone	...	-	-	-	...	-	-	-	...	-	-	
2699 Other non-metallic mineral products n.e.c.	...	-	-	-	...	-	-	-	...	-	-	
2710 Basic iron and steel	...	40916	54106	52851	...	6010	6876	-3779	...	-2180	2493	
2720 Basic precious and non-ferrous metals	...	10297	10210	12508	...	1730	2106	1942	...	936	-511	
273 Casting of metals	...	-	-	-	...	-	-	-	...	-	-	
2731 Casting of iron and steel	...	-	-	-	...	-	-	-	...	-	-	
2732 Casting of non-ferrous metals	...	-	-	-	...	-	-	-	...	-	-	
281 Struct.metal products;tanks;steam generators	...	43264	42902	47593	...	7210	8466	8584	...	-1934	3931	
2811 Structural metal products	...	34522	31974	36682	...	5117	6338	6887	...	-2495	3046	
2812 Tanks, reservoirs and containers of metal	...	8742	10928	10911	...	2093	2128	1697	...	561	885	
2813 Steam generators	...	-	-	-	...	-	-	-	...	-	-	
289 Other metal products; metal working services	...	9913	10823	13220	...	1660	1109	952	...	-241	573	
2891 Metal forging/pressing/stamping/roll-forming	...	-	-	-	...	-	-	-	...	-	-	
2892 Treatment & coating of metals	...	-	-	-	...	-	-	-	...	-	-	
2893 Cutlery, hand tools and general hardware	...	-	-	-	...	-	-	-	...	-	-	
2899 Other fabricated metal products n.e.c.	...	9913	10823	13220	...	1660	1109	952	...	-241	573	
291 General purpose machinery	...	-	-	-	...	-	-	-	...	-	-	
2911 Engines & turbines(not for transport equip.)	...	-	-	-	...	-	-	-	...	-	-	
2912 Pumps, compressors, taps and valves	...	-	-	-	...	-	-	-	...	-	-	
2913 Bearings, gears, gearing & driving elements	...	-	-	-	...	-	-	-	...	-	-	
2914 Ovens, furnaces and furnace burners	...	-	-	-	...	-	-	-	...	-	-	
2915 Lifting and handling equipment	...	-	-	-	...	-	-	-	...	-	-	
2919 Other general purpose machinery	...	-	-	-	...	-	-	-	...	-	-	

292	Special purpose machinery	...	...	...	...	...	...	...	...	...	...			
2921	Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...	...			
2922	Machine tools	...	...	...	...	...	...	...	...	...	...			
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...			
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...			
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...			
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...			
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...	...			
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...	...			
2930	Domestic appliances n.e.c.	...	...	...	...	...	...	...	...	...	...			
3000	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...			
3110	Electric motors, generators and transformers	...	...	...	...	...	...	...	...	...	...			
3120	Electricity distribution & control apparatus	...	...	...	...	...	...	...	...	...	...			
3130	Insulated wire and cable	...	...	...	...	...	...	...	...	...	...			
3140	Accumulators, primary cells and batteries	...	...	...	...	...	...	...	...	...	...			
3150	Lighting equipment and electric lamps	...	...	...	...	...	...	...	...	...	...			
3190	Other electrical equipment n.e.c.	...	...	...	...	...	...	...	...	...	...			
3210	Electronic valves, tubes, etc.	...	...	...	...	...	...	...	...	...	...			
3220	TV/radio transmitters; line comm. apparatus	...	...	...	...	...	...	...	...	...	...			
3230	TV and radio receivers and associated goods	...	...	...	...	...	...	...	...	...	...			
331	Medical, measuring, testing appliances, etc.	...	...	...	...	...	...	...	...	...	...			
3311	Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...	...			
3312	Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...	...			
3313	Industrial process control equipment	...	...	...	...	...	...	...	...	...	...			
3320	Optical instruments & photographic equipment	...	...	...	...	...	...	...	...	...	...			
3330	Watches and clocks	...	...	...	...	...	...	...	...	...	...			
3410	Motor vehicles	...	...	...	...	...	...	...	...	...	...			
3420	Automobile bodies, trailers & semi-trailers	...	...	...	...	...	...	...	...	...	...			
3430	Parts/accessories for automobiles	...	...	...	...	...	...	...	...	...	...			
351	Building and repairing of ships and boats	...	...	...	...	...	...	...	...	...	...			
3511	Building and repairing of ships	...	...	...	...	...	...	...	...	...	...			
3512	Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...	...			
3520	Railway/tramway locomotives & rolling stock	...	...	...	...	...	...	...	...	...	...			
3530	Aircraft and spacecraft	...	...	...	...	...	...	...	...	...	...			
359	Transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...			
3591	Motorcycles	...	...	...	...	...	...	...	...	...	...			
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...			
3599	Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...			
3610	Furniture	...	...	...	...	...	...	...	...	...	...			
369	Manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...			
3691	Jewellery and related articles	...	...	...	...	...	...	...	...	...	...			
3692	Musical instruments	...	...	...	...	...	...	...	...	...	...			
3693	Sports goods	...	...	...	...	...	...	...	...	...	...			
3694	Games and toys	...	...	...	...	...	...	...	...	...	...			
3699	Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...			
3710	Recycling of metal waste and scrap	...	...	...	...	...	...	...	...	...	...			
3720	Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...	...	...			
D	Total manufacturing	c/	...	2438679	2535629	2566684	c/	...	479478	534339	515724	c/	88774	98237

a/ 2102 includes 2101.  
b/ 2411 includes 2412.  
c/ Sum of available data.

## Panama

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		104	90	97	100	105	111	115	118	118	121	131	141
16	Tobacco products		102	82	77	100	95	99	129	171	162	179	171	...
17	Textiles		88	62	86	100	102	90	101	101	93	94	106	103
18	Wearing apparel, fur		120	87	90	100	121	131	128	114	109	99	88	83
19	Leather, leather products and footwear		171	119	97	100	106	110	116	127	144	118	108	101
20	Wood products (excl. furniture)		126	65	89	100	98	118	116	133	114	101	110	102
21	Paper and paper products		93	88	94	100	103	105	104	124	125	114	106	93
22	Printing and publishing		103	75	80	100	103	120	127	135	140	127	128	161
23	Coke, refined petroleum products, nuclear fuel		120	85	80	100	97	150	136	97	112	184	187	206
24	Chemicals and chemical products		111	89	95	100	110	122	126	135	140	131	132	133
25	Rubber and plastics products		99	76	89	100	110	126	130	141	141	131	147	142
26	Non-metallic mineral products		178	73	73	100	156	178	238	255	232	211	229	277
27	Basic metals		185	62	58	100	146	169	196	170	202	227	301	252
28	Fabricated metal products		161	71	76	100	116	127	134	149	155	156	178	212
29	Machinery and equipment n.e.c.		151	71	40	100	47	31	32	39	45	33	39	54
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus		138	68	64	100	127	149	194	219	213	253	256	213
32	Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments		84	80	90	100	101	109	105	121	125	119	130	113
34	Motor vehicles, trailers, semi-trailers		...	...	...	100	63	60	74	77	76	73	83	84
35	Other transport equipment		...	...	...	100	60	61	71	61	93	96	91	88
36	Furniture; manufacturing n.e.c.		140	64	78	100	110	115	125	131	116	110	126	140
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		111	84	89	100	108	118	126	130	130	131	138	143

## PHILIPPINES

<p><b>Supplier of information:</b> National Statistics Office, Manila.</p> <p><b>Basic source of data:</b> Annual survey of establishments.</p> <p><b>Major deviations from ISIC (Revision 3):</b> Data collected under the national classification system (1994 PSIC) have been adjusted to correspond with ISIC (Rev.3), except: rice and corn milling, which is part of ISIC 1531, is included in ISIC 1549; manufacture of furniture (ISIC 3610) includes repair of furniture.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Establishments with 10 or more persons engaged.</p> <p><b>Method of enumeration:</b> Establishments with 200 or more persons engaged are completely enumerated, and those with less than 200 persons engaged are sampled.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> <u>Wages and salaries</u> includes overtime payment and other benefits.</p> <p><b>Related national publications:</b></p>
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Philippines

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees			
	Note	(numbers)			Note	(thousands)			Note	(million PESOS)		
		1995	1996	1997		1998	1995	1996		1997	1998	1995
151 Processed meat, fish, fruit, vegetables, fats	...	458	519	...	...	61.6	61.4	...	...	4574	4832	...
1511 Processing/preserving of meat	...	...	...	...	...	...	...	...	...	...	...	...
1512 Processing/preserving of fish	...	...	...	...	...	...	...	...	...	...	...	...
1513 Processing/preserving of fruit & vegetables	...	...	...	...	...	...	...	...	...	...	...	...
1514 Vegetable and animal oils and fats	...	...	...	...	...	...	...	...	...	...	...	...
1520 Dairy products	...	64	63	...	...	9.0	8.3	...	...	1712	1792	...
153 Grain mill products; starches; animal feeds	...	137	142	...	...	9.1	9.3	...	...	860	905	...
1531 Grain mill products	...	...	...	...	...	...	...	...	...	...	...	...
1532 Starches and starch products	...	...	...	...	...	...	...	...	...	...	...	...
1533 Prepared animal feeds	...	...	...	...	...	...	...	...	...	...	...	...
154 Other food products	...	...	...	...	...	...	...	...	...	...	...	...
1541 Bakery products	...	1649	1731	...	...	35.5	37.7	...	...	1566	1654	...
1542 Sugar	...	42	43	...	...	23.9	21.4	...	...	2088	2021	...
1543 Cocoa, chocolate and sugar confectionery	...	...a/	...a/	...	...	...a/	...a/	...	...	...a/	...a/	...
1544 Macaroni, noodles & similar products	...	...a/	...a/	...	...	...a/	...a/	...	...	...a/	...a/	...
1549 Other food products n.e.c.	...	1016a/	1220a/	...	...	42.9a/	46.8a/	...	...	3449a/	3975a/	...
155 Beverages	...	121	124	...	...	28.7	29.5	...	...	3766	4266	...
1551 Distilling, rectifying & blending of spirits	...	...	...	...	...	...	...	...	...	...	...	...
1552 Wines	...	...	...	...	...	...	...	...	...	...	...	...
1553 Malt liquors and malt	...	...	...	...	...	...	...	...	...	...	...	...
1554 Soft drinks; mineral waters	...	...	...	...	...	...	...	...	...	...	...	...
1600 Tobacco products	...	19	18	...	...	11.6	11.2	...	...	1015	995	...
171 Spinning, weaving and finishing of textiles	...	178	177	...	...	25.1	25.2	...	...	1760	1826	...
1711 Textile fibre preparation; textile weaving	...	...	...	...	...	...	...	...	...	...	...	...
1712 Finishing of textiles	...	...	...	...	...	...	...	...	...	...	...	...
172 Other textiles	...	378b/	406b/	...	...	28.2b/	29.2b/	...	...	1674b/	2014b/	...
1721 Made-up textile articles, except apparel	...	...	...	...	...	...	...	...	...	...	...	...
1722 Carpets and rugs	...	...	...	...	...	...	...	...	...	...	...	...
1723 Cordage, rope, twine and netting	...	...	...	...	...	...	...	...	...	...	...	...
1729 Other textiles n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
1730 Knitted and crocheted fabrics and articles	...	...b/	...b/	...	...	...b/	...b/	...	...	...b/	...b/	...
1810 Wearing apparel, except fur apparel	...	1892c/	2003c/	...	...	157.3c/	157.7c/	...	...	8663c/	9458c/	...
1820 Dressing & dyeing of fur; processing of fur	...	...c/	...c/	...	...	...c/	...c/	...	...	...c/	...c/	...
191 Tanning, dressing and processing of leather	...	527d/	559d/	...	...	35.6d/	39.1d/	...	...	1693d/	2037d/	...
1911 Tanning and dressing of leather	...	...	...	...	...	...	...	...	...	...	...	...
1912 Luggage, handbags, etc.; saddlery & harness	...	...	...	...	...	...	...	...	...	...	...	...
1920 Footwear	...	...d/	...d/	...	...	...d/	...d/	...	...	...d/	...d/	...
2010 Sawmilling and planing of wood	...	491e/	574e/	...	...	26.2e/	26.9e/	...	...	1328e/	1374e/	...
202 Products of wood, cork, straw, etc.	...	...e/	...e/	...	...	...e/	...e/	...	...	...e/	...e/	...
2021 Veneer sheets, plywood, particle board, etc.	...	...	...	...	...	...	...	...	...	...	...	...
2022 Builders' carpentry and joinery	...	...	...	...	...	...	...	...	...	...	...	...
2023 Wooden containers	...	...	...	...	...	...	...	...	...	...	...	...
2029 Other wood products; articles of cork/straw	...	...	...	...	...	...	...	...	...	...	...	...
210 Paper and paper products	...	284	288	...	...	21.9	22.2	...	...	2135	2191	...
2101 Pulp, paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...
2102 Corrugated paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...
2109 Other articles of paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	...
221 Publishing	...	91	91	...	...	6.0	6.2	...	...	835	949	...
2211 Publishing of books and other publications	...	...	...	...	...	...	...	...	...	...	...	...
2212 Publishing of newspapers, journals, etc.	...	...	...	...	...	...	...	...	...	...	...	...
2213 Publishing of recorded media	...	...	...	...	...	...	...	...	...	...	...	...
2219 Other publishing	...	...	...	...	...	...	...	...	...	...	...	...

222	Printing and related service activities	...	802f/	820f/	...	...	22.1f/	23.5f/	...	...	1476f/	1562f/	...
2221	Printing	...	...	...	...	...	...	...	...	...	...	...	...
2222	Service activities related to printing	...	...	...	...	...	...	...	...	...	...	...	...
2230	Reproduction of recorded media	...	...f/	...f/	...	...	...f/	...f/	...	...	...f/	...f/	...
2310	Coke oven products	...	15	15	...	...	0.8	1.0	...	...	62	81	...
2320	Refined petroleum products	...	5	5	...	...	2.2	2.1	...	...	1021	1061	...
2330	Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
241	Basic chemicals	...	279	321	...	...	18.3	20.3	...	...	1887	2157	...
2411	Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...	...	...	...	...
2412	Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...	...	...	...
242	Other chemicals	...	366g/	393g/	...	...	39.6g/	39.4g/	...	...	7328g/	7862g/	...
2421	Pesticides and other agro-chemical products	...	...	...	...	...	...	...	...	...	...	...	...
2422	Paints, varnishes, printing ink and mastics	...	...	...	...	...	...	...	...	...	...	...	...
2423	Pharmaceuticals, medicinal chemicals, etc.	...	...	...	...	...	...	...	...	...	...	...	...
2424	Soap, cleaning & cosmetic preparations	...	...	...	...	...	...	...	...	...	...	...	...
2429	Other chemical products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
2430	Man-made fibres	...	...g/	...g/	...	...	...g/	...g/	...	...	...g/	...g/	...
251	Rubber products	...	145	146	...	...	9.0	9.7	...	...	801	904	...
2511	Rubber tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...
2519	Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
2520	Plastic products	...	444	457	...	...	31.9	33.2	...	...	2394	2737	...
2610	Glass and glass products	...	64	65	...	...	6.0	6.2	...	...	770	793	...
269	Non-metallic mineral products n.e.c.	...	587	686	...	...	38.7	40.5	...	...	3094	3364	...
2691	Pottery, china and earthenware	...	...	...	...	...	...	...	...	...	...	...	...
2692	Refractory ceramic products	...	...	...	...	...	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...	...	...	...	...
2694	Cement, lime and plaster	...	...	...	...	...	...	...	...	...	...	...	...
2695	Articles of concrete, cement and plaster	...	...	...	...	...	...	...	...	...	...	...	...
2696	Cutting, shaping & finishing of stone	...	...	...	...	...	...	...	...	...	...	...	...
2699	Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
2710	Basic iron and steel	...	332	374	...	...	29.8	30.1	...	...	2801	2960	...
2720	Basic precious and non-ferrous metals	...	26	26	...	...	3.7	3.9	...	...	487	537	...
273	Casting of metals	...	48	48	...	...	3.1	3.4	...	...	218	241	...
2731	Casting of iron and steel	...	...	...	...	...	...	...	...	...	...	...	...
2732	Casting of non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
281	Struct.metal products;tanks;steam generators	...	764h/	895h/	...	...	34.3h/	36.4h/	...	...	2506h/	2918h/	...
2811	Structural metal products	...	...	...	...	...	...	...	...	...	...	...	...
2812	Tanks, reservoirs and containers of metal	...	...	...	...	...	...	...	...	...	...	...	...
2813	Steam generators	...	...	...	...	...	...	...	...	...	...	...	...
289	Other metal products; metal working services	...	...h/	...h/	...	...	...h/	...h/	...	...	...h/	...h/	...
2891	Metal forging/pressing/stamping/roll-forming	...	...	...	...	...	...	...	...	...	...	...	...
2892	Treatment & coating of metals	...	...	...	...	...	...	...	...	...	...	...	...
2893	Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...	...	...
2899	Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
291	General purpose machinery	...	611i/	726i/	...	...	30.5i/	32.0i/	...	...	2145i/	2403i/	...
2911	Engines & turbines(not for transport equip.)	...	...	...	...	...	...	...	...	...	...	...	...
2912	Pumps, compressors, taps and valves	...	...	...	...	...	...	...	...	...	...	...	...
2913	Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...	...	...	...	...
2914	Ovens, furnaces and furnace burners	...	...	...	...	...	...	...	...	...	...	...	...
2915	Lifting and handling equipment	...	...	...	...	...	...	...	...	...	...	...	...
2919	Other general purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
292	Special purpose machinery	...	...i/	...i/	...	...	...i/	...i/	...	...	...i/	...i/	...
2921	Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...	...	...	...
2922	Machine tools	...	...	...	...	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	...	...i/	...i/	...	...	...i/	...i/	...	...	...i/	...i/	...

continued

Philippines

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million PESOS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
3000 Office, accounting and computing machinery	...	...	29	30	...	...	14.4	19.1	...	...	...	1272	1896	...	...
3110 Electric motors, generators and transformers	...	...	72j/	70j/	...	...	16.6j/	16.6j/	...	...	...	1751j/	1893j/	...	...
3120 Electricity distribution & control apparatus	...	...	...j/	...j/	...	...	...j/	...j/	...	...	...	...j/	...j/	...	...
3130 Insulated wire and cable	...	...	26	26	...	...	10.1	11.1	...	...	...	864	1046	...	...
3140 Accumulators, primary cells and batteries	...	...	99k/	101k/	...	...	24.0k/	24.7k/	...	...	...	2318k/	2664k/	...	...
3150 Lighting equipment and electric lamps	...	...	...k/	...k/	...	...	...k/	...k/	...	...	...	...k/	...k/	...	...
3190 Other electrical equipment n.e.c.	...	...	...k/	...k/	...	...	...k/	...k/	...	...	...	...k/	...k/	...	...
3210 Electronic valves, tubes, etc.	...	...	132m/	132m/	...	...	74.6m/	82.8m/	...	...	...	6556m/	8127m/	...	...
3220 TV/radio transmitters; line comm. apparatus	...	...	...m/	...m/	...	...	...m/	...m/	...	...	...	...m/	...m/	...	...
3230 TV and radio receivers and associated goods	...	...	42	42	...	...	11.5	13.1	...	...	...	1150	1411	...	...
331 Medical, measuring, testing appliances, etc.	...	...	64n/	65n/	...	...	29.5n/	34.1n/	...	...	...	2430n/	2715n/	...	...
3311 Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3313 Industrial process control equipment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3320 Optical instruments & photographic equipment	...	...	...n/	...n/	...	...	...n/	...n/	...	...	...	...n/	...n/	...	...
3330 Watches and clocks	...	...	...n/	...n/	...	...	...n/	...n/	...	...	...	...n/	...n/	...	...
3410 Motor vehicles	...	...	246p/	249p/	...	...	29.3p/	30.4p/	...	...	...	2826p/	3259p/	...	...
3420 Automobile bodies, trailers & semi-trailers	...	...	...p/	...p/	...	...	...p/	...p/	...	...	...	...p/	...p/	...	...
3430 Parts/accessories for automobiles	...	...	...p/	...p/	...	...	...p/	...p/	...	...	...	...p/	...p/	...	...
351 Building and repairing of ships and boats	...	...	94q/	102q/	...	...	9.8q/	9.2q/	...	...	...	769q/	952q/	...	...
3511 Building and repairing of ships	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	...	...	...q/	...q/	...	...	...q/	...q/	...	...	...	...q/	...q/	...	...
3530 Aircraft and spacecraft	...	...	...q/	...q/	...	...	...q/	...q/	...	...	...	...q/	...q/	...	...
359 Transport equipment n.e.c.	...	...	...q/	...q/	...	...	...q/	...q/	...	...	...	...q/	...q/	...	...
3591 Motorcycles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3610 Furniture	...	...	568	659	...	...	28.3	32.0	...	...	...	1406	1689	...	...
369 Manufacturing n.e.c.	...	...	314	318	...	...	24.4	25.9	...	...	...	1667	1751	...	...
3691 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3692 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3693 Sports goods	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3694 Games and toys	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3699 Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3710 Recycling of metal waste and scrap	...	...	6r/	6r/	...	...	0.2r/	0.2r/	...	...	...	10r/	11r/	...	...
3720 Recycling of non-metal waste and scrap	...	...	...r/	...r/	...	...	...r/	...r/	...	...	...	...r/	...r/	...	...
D Total manufacturing	...	...	13527	14735	...	...	1065.2	1113.0	...	...	...	87124	97282	...	...

- a/ 1549 includes 1543 and 1544.
- b/ 172 includes 1730.
- c/ 1810 includes 1820.
- d/ 191 includes 1920.
- e/ 2010 includes 202.
- f/ 222 includes 2230.
- g/ 242 includes 2430.
- h/ 281 includes 289.
- i/ 291 includes 292 and 2930.
- j/ 3110 includes 3120.
- k/ 3140 includes 3150 and 3190.
- m/ 3210 includes 3220.
- n/ 331 includes 3320 and 3330.
- p/ 3410 includes 3420 and 3430.
- q/ 351 includes 3520, 3530 and 359.
- r/ 3710 includes 3720.



## Philippines

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation			
	Note	(million PESOS)				Note	(million PESOS)				(million PESOS)	
		1995	1996	1997	1998		1995	1996	1997	1998	1996	1997
151 Processed meat, fish, fruit, vegetables, fats	...	87060	97956	...	...	30692	39649	...	...	2062	2632	
1511 Processing/preserving of meat	...	...	...	...	...	...	...	...	...	...	...	
1512 Processing/preserving of fish	...	...	...	...	...	...	...	...	...	...	...	
1513 Processing/preserving of fruit & vegetables	...	...	...	...	...	...	...	...	...	...	...	
1514 Vegetable and animal oils and fats	...	...	...	...	...	...	...	...	...	...	...	
1520 Dairy products	...	25834	27539	...	...	9251	10824	...	...	677	566	
153 Grain mill products; starches; animal feeds	...	31454	34280	...	...	6345	7355	...	...	984	605	
1531 Grain mill products	...	...	...	...	...	...	...	...	...	...	...	
1532 Starches and starch products	...	...	...	...	...	...	...	...	...	...	...	
1533 Prepared animal feeds	...	...	...	...	...	...	...	...	...	...	...	
154 Other food products	...	...	...	...	...	...	...	...	...	...	...	
1541 Bakery products	...	13517	14073	...	...	5885	5265	...	...	540	897	
1542 Sugar	...	22017	24392	...	...	7878	8695	...	...	978	930	
1543 Cocoa, chocolate and sugar confectionery	...	...a/	...a/	...	...	...a/	...a/	...	...	...	...	
1544 Macaroni, noodles & similar products	...	...a/	...a/	...	...	...a/	...a/	...	...	...	...	
1549 Other food products n.e.c.	...	60043a/	63040a/	...	...	30055a/	31770a/	...	...	5530	5148	
155 Beverages	...	57336	64465	...	...	32568	36376	...	...	3674	4322	
1551 Distilling, rectifying & blending of spirits	...	...	...	...	...	...	...	...	...	...	...	
1552 Wines	...	...	...	...	...	...	...	...	...	...	...	
1553 Malt liquors and malt	...	...	...	...	...	...	...	...	...	...	...	
1554 Soft drinks; mineral waters	...	...	...	...	...	...	...	...	...	...	...	
1600 Tobacco products	...	31501	30999	...	...	21202	21531	...	...	379	477	
171 Spinning, weaving and finishing of textiles	...	17052	17997	...	...	5612	6211	...	...	882	1333	
1711 Textile fibre preparation; textile weaving	...	...	...	...	...	...	...	...	...	...	...	
1712 Finishing of textiles	...	...	...	...	...	...	...	...	...	...	...	
172 Other textiles	...	10890b/	13704b/	...	...	4653b/	5638b/	...	...	b/	515	
1721 Made-up textile articles, except apparel	...	...	...	...	...	...	...	...	...	...	587	
1722 Carpets and rugs	...	...	...	...	...	...	...	...	...	...	...	
1723 Cordage, rope, twine and netting	...	...	...	...	...	...	...	...	...	...	...	
1729 Other textiles n.e.c.	...	...	...	...	...	...	...	...	...	...	...	
1730 Knitted and crocheted fabrics and articles	...	...b/	...b/	...	...	...b/	...b/	...	...	b/	...	
1810 Wearing apparel, except fur apparel	...	69863c/	62594c/	...	...	21178c/	23514c/	...	...	c/	785	
1820 Dressing & dyeing of fur; processing of fur	...	...c/	...c/	...	...	...c/	...c/	...	...	c/	873	
191 Tanning, dressing and processing of leather	...	7847d/	9793d/	...	...	3179d/	3860d/	...	...	d/	143	
1911 Tanning and dressing of leather	...	...	...	...	...	...	...	...	...	...	378	
1912 Luggage, handbags, etc.; saddlery & harness	...	...	...	...	...	...	...	...	...	...	...	
1920 Footwear	...	...d/	...d/	...	...	...d/	...d/	...	...	d/	...	
2010 Sawmilling and planing of wood	...	13329e/	15397e/	...	...	4522e/	5140e/	...	...	e/	497	
202 Products of wood, cork, straw, etc.	...	...e/	...e/	...	...	...e/	...e/	...	...	e/	429	
2021 Veneer sheets, plywood, particle board, etc.	...	...	...	...	...	...	...	...	...	...	...	
2022 Builders' carpentry and joinery	...	...	...	...	...	...	...	...	...	...	...	
2023 Wooden containers	...	...	...	...	...	...	...	...	...	...	...	
2029 Other wood products; articles of cork/straw	...	...	...	...	...	...	...	...	...	...	...	
210 Paper and paper products	...	28983	28565	...	...	11432	11243	...	...	1986	4105	
2101 Pulp, paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	
2102 Corrugated paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	
2109 Other articles of paper and paperboard	...	...	...	...	...	...	...	...	...	...	...	
221 Publishing	...	6435	6834	...	...	2241	2972	...	...	518	655	
2211 Publishing of books and other publications	...	...	...	...	...	...	...	...	...	...	...	
2212 Publishing of newspapers, journals, etc.	...	...	...	...	...	...	...	...	...	...	...	
2213 Publishing of recorded media	...	...	...	...	...	...	...	...	...	...	...	
2219 Other publishing	...	...	...	...	...	...	...	...	...	...	...	

continued

## Philippines

ISIC Revision 3	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation			
	ISIC Industry	Note	(million PESOS)				Note	(million PESOS)				
			1995	1996	1997	1998		1995	1996	1997	1998	Note
222 Printing and related service activities	...	...	8199f/	9076f/	...	...	3796f/	4410f/	...	f/	512	747
2221 Printing	...	...	...	...	...	...	...	...	...	...	...	...
2222 Service activities related to printing	...	...	...	...	...	...	...	...	...	...	...	...
2230 Reproduction of recorded media	...	...	...f/	...f/	...	...	...f/	...f/	...	f/	...	...
2310 Coke oven products	...	...	1831	3590	...	...	248	627	...	...	-	3
2320 Refined petroleum products	...	...	145772	161768	...	...	69291	68153	...	...	2074	3106
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
241 Basic chemicals	...	...	25530	28972	...	...	8726	10427	...	...	2001	1395
2411 Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...	...	...	...	...
2412 Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...	...	...	...	...
2413 Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...	...	...	...
242 Other chemicals	...	...	91298g/	97274g/	...	...	44190g/	48281g/	...	g/	3673	4136
2421 Pesticides and other agro-chemical products	...	...	...	...	...	...	...	...	...	...	...	...
2422 Paints, varnishes, printing ink and mastics	...	...	...	...	...	...	...	...	...	...	...	...
2423 Pharmaceuticals, medicinal chemicals, etc.	...	...	...	...	...	...	...	...	...	...	...	...
2424 Soap, cleaning & cosmetic preparations	...	...	...	...	...	...	...	...	...	...	...	...
2429 Other chemical products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
2430 Man-made fibres	...	...	...g/	...g/	...	...	...g/	...g/	...	g/	...	...
251 Rubber products	...	...	8443	8166	...	...	3364	2878	...	...	1913	404
2511 Rubber tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...
2519 Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
2520 Plastic products	...	...	24600	27053	...	...	9856	11757	...	...	1765	1981
2610 Glass and glass products	...	...	7209	6990	...	...	4923	4362	...	...	361	2012
269 Non-metallic mineral products n.e.c.	...	...	37277	43920	...	...	19699	21803	...	...	7365	19998
2691 Pottery, china and earthenware	...	...	...	...	...	...	...	...	...	...	...	...
2692 Refractory ceramic products	...	...	...	...	...	...	...	...	...	...	...	...
2693 Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...	...	...	...	...
2694 Cement, lime and plaster	...	...	...	...	...	...	...	...	...	...	...	...
2695 Articles of concrete, cement and plaster	...	...	...	...	...	...	...	...	...	...	...	...
2696 Cutting, shaping & finishing of stone	...	...	...	...	...	...	...	...	...	...	...	...
2699 Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
2710 Basic iron and steel	...	...	56682	57943	...	...	15059	15970	...	...	1953	902
2720 Basic precious and non-ferrous metals	...	...	19914	21423	...	...	4220	4849	...	...	235	263
273 Casting of metals	...	...	2158	4215	...	...	1098	2912	...	...	764	409
2731 Casting of iron and steel	...	...	...	...	...	...	...	...	...	...	...	...
2732 Casting of non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
281 Struct.metal products;tanks;steam generators	...	...	18150h/	21207h/	...	...	6936h/	8759h/	...	h/	779	709
2811 Structural metal products	...	...	...	...	...	...	...	...	...	...	...	...
2812 Tanks, reservoirs and containers of metal	...	...	...	...	...	...	...	...	...	...	...	...
2813 Steam generators	...	...	...	...	...	...	...	...	...	...	...	...
289 Other metal products; metal working services	...	...	...h/	...h/	...	...	...h/	...h/	...	h/	...	...
2891 Metal forging/pressing/stamping/roll-forming	...	...	...	...	...	...	...	...	...	...	...	...
2892 Treatment & coating of metals	...	...	...	...	...	...	...	...	...	...	...	...
2893 Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...	...	...
2899 Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
291 General purpose machinery	...	...	13666i/	16567i/	...	...	6200i/	7168i/	...	i/	864	768
2911 Engines & turbines(not for transport equip.)	...	...	...	...	...	...	...	...	...	...	...	...
2912 Pumps, compressors, taps and valves	...	...	...	...	...	...	...	...	...	...	...	...
2913 Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...	...	...	...	...
2914 Ovens, furnaces and furnace burners	...	...	...	...	...	...	...	...	...	...	...	...
2915 Lifting and handling equipment	...	...	...	...	...	...	...	...	...	...	...	...
2919 Other general purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...

292 Special purpose machinery	...	...i/	...i/	...	...	...i/	...i/	...	i/	...	...
2921 Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...	...	...
2922 Machine tools	...	...	...	...	...	...	...	...	...	...	...
2923 Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...	...
2924 Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...	...
2925 Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...	...
2926 Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...	...
2927 Weapons and ammunition	...	...	...	...	...	...	...	...	...	...	...
2929 Other special purpose machinery	...	...	...	...	...	...	...	...	...	...	...
2930 Domestic appliances n.e.c.	...	...i/	...i/	...	...	...i/	...i/	...	i/	...	...
3000 Office, accounting and computing machinery	...	32334	52551	...	...	6626	14799	...	...	2742	5072
3110 Electric motors, generators and transformers	...	38386j/	55722j/	...	...	22358j/	24093j/	...	j/	2920	1933
3120 Electricity distribution & control apparatus	...	...j/	...j/	...	...	...j/	...j/	...	j/	...	...
3130 Insulated wire and cable	...	11966	11201	...	...	4678	4735	...	...	321	369
3140 Accumulators, primary cells and batteries	...	25902k/	31795k/	...	...	8482k/	10884k/	...	k/	1989	2239
3150 Lighting equipment and electric lamps	...	...k/	...k/	...	...	...k/	...k/	...	k/	...	...
3190 Other electrical equipment n.e.c.	...	...k/	...k/	...	...	...k/	...k/	...	k/	...	...
3210 Electronic valves, tubes, etc.	...	61241m/	87697m/	...	...	23931m/	31998m/	...	m/	11016	14842
3220 TV/radio transmitters; line comm. apparatus	...	...m/	...m/	...	...	...m/	...m/	...	m/	...	...
3230 TV and radio receivers and associated goods	...	18575	19710	...	...	4530	5536	...	...	581	547
331 Medical, measuring, testing appliances, etc.	...	9042n/	11136n/	...	...	4938n/	5810n/	...	n/	1390	1139
3311 Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...	...	...
3313 Industrial process control equipment	...	...	...	...	...	...	...	...	...	...	...
3320 Optical instruments & photographic equipment	...	...n/	...n/	...	...	...n/	...n/	...	n/	...	...
3330 Watches and clocks	...	...n/	...n/	...	...	...n/	...n/	...	n/	...	...
3410 Motor vehicles	...	85929p/	86477p/	...	...	27872p/	32638p/	...	p/	7910	4376
3420 Automobile bodies, trailers & semi-trailers	...	...p/	...p/	...	...	...p/	...p/	...	p/	...	...
3430 Parts/accessories for automobiles	...	...p/	...p/	...	...	...p/	...p/	...	p/	...	...
351 Building and repairing of ships and boats	...	13320q/	16570q/	...	...	7100q/	8181q/	...	q/	1618	1273
3511 Building and repairing of ships	...	...	...	...	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	...	...q/	...q/	...	...	...q/	...q/	...	q/	...	...
3530 Aircraft and spacecraft	...	...q/	...q/	...	...	...q/	...q/	...	q/	...	...
359 Transport equipment n.e.c.	...	...q/	...q/	...	...	...q/	...q/	...	q/	...	...
3591 Motorcycles	...	...	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...
3610 Furniture	...	7955	10179	...	...	3431	4452	...	...	233	483
369 Manufacturing n.e.c.	...	11500	11609	...	...	5113	5257	...	...	251	944
3691 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...
3692 Musical instruments	...	...	...	...	...	...	...	...	...	...	...
3693 Sports goods	...	...	...	...	...	...	...	...	...	...	...
3694 Games and toys	...	...	...	...	...	...	...	...	...	...	...
3699 Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...
3710 Recycling of metal waste and scrap	...	115r/	112r/	...	...	47r/	35r/	...	r/	1	-
3720 Recycling of non-metal waste and scrap	...	...r/	...r/	...	...	...r/	...r/	...	r/	...	...
D Total manufacturing	...	1260155	1414547	...	...	513406	580816	...	...	75380	93987

a/ 1549 includes 1543 and 1544.

b/ 172 includes 1730.

c/ 1810 includes 1820.

d/ 191 includes 1920.

e/ 2010 includes 202.

f/ 222 includes 2230.

g/ 242 includes 2430.

h/ 281 includes 289.

i/ 291 includes 292 and 2930.

j/ 3110 includes 3120.

k/ 3140 includes 3150 and 3190.

m/ 3210 includes 3220.

n/ 331 includes 3320 and 3330.

p/ 3410 includes 3420 and 3430.

q/ 351 includes 3520, 3530 and 359.

r/ 3710 includes 3720.

Philippines

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
15 Food and beverages		...	...	...	...	...	...	...	...	...	...	...	...
16 Tobacco products		...	...	...	...	...	...	...	...	...	...	...	...
17 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
18 Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...	...
19 Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...	...
21 Paper and paper products		...	...	...	...	...	...	...	...	...	...	...	...
22 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
23 Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24 Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...	...
25 Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26 Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
27 Basic metals		...	...	...	...	...	...	...	...	...	...	...	...
28 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
29 Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
30 Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...	...
32 Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...	...
35 Other transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37 Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

## PORTUGAL

<p><b>Supplier of information:</b> Instituto Nacional de Estatística, Lisboa. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p><b>Basic source of data:</b> Annual business statistics.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All enterprises.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> <u>Output</u> is the amount actually produced by the unit, plus resale of goods and services. <u>Value added</u> is at basic prices. It is calculated from the production value plus subsidies on products, less the purchase of goods and services (other than those purchased for resale in the same condition), plus or minus the change in stocks of raw materials and consumables, less other taxes on products which are linked to turnover but not deductible.</p> <p><b>Related national publications:</b> Industrial Statistics (Volume I and Volume II), published by the Instituto Nacional de Estatística, Lisboa.</p>
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## Portugal

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million ESCUDOS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats	...	1484	1441	...	...	30916	28726	...	...	40272	39328	...			
1511 Processing/preserving of meat	...	511	471	...	...	15351	15494	...	...	18222	18825	...			
1512 Processing/preserving of fish	...	134	135	...	...	6554	5519	...	...	7140	6197	...			
1513 Processing/preserving of fruit & vegetables	...	178	154	...	...	5219	4358	...	...	8840	8053	...			
1514 Vegetable and animal oils and fats	...	661	681	...	...	3792	3355	...	...	6070	6253	...			
1520 Dairy products	...	318	310	...	...	9840	9720	...	...	16496	17562	...			
153 Grain mill products; starches; animal feeds	...	729	760	...	...	7912	7505	...	...	13434	13378	...			
1531 Grain mill products	...	...	...	...	...	...	...	...	...	...	...	...			
1532 Starches and starch products	...	...	...	...	...	...	...	...	...	...	...	...			
1533 Prepared animal feeds	...	116	114	...	...	4765	4624	...	...	8519	8643	...			
154 Other food products	...	6712	7240	...	...	49366	52415	...	...	49601	52277	...			
1541 Bakery products	...	6333	6916	...	...	42148	45292	...	...	34868	37042	...			
1542 Sugar	...	5	5	...	...	963	1128	...	...	2173	2537	...			
1543 Cocoa, chocolate and sugar confectionery	...	144	147	...	...	2152	1976	...	...	2748	2482	...			
1544 Macaroni, noodles & similar products	...	12	8	...	...	206	198	...	...	365	382	...			
1549 Other food products n.e.c.	...	218	164	...	...	3897	3821	...	...	9447	9834	...			
155 Beverages	...	459	449	...	...	15366	15368	...	...	28809	31438	...			
1551 Distilling, rectifying & blending of spirits	...	101	84	...	...	480	470	...	...	520	516	...			
1552 Wines	...	...	...	...	...	...	...	...	...	...	...	...			
1553 Malt liquors and malt	...	...	...	...	...	...	...	...	...	...	...	...			
1554 Soft drinks; mineral waters	...	57	60	...	...	3665	3859	...	...	6650	7554	...			
1600 Tobacco products	...	4	4	...	...	1227	1199	...	...	2847	2980	...			
171 Spinning, weaving and finishing of textiles	...	945	863	...	...	58565	50069	...	...	69234	61829	...			
1711 Textile fibre preparation; textile weaving	...	551	529	...	...	48027	40063	...	...	56911	49506	...			
1712 Finishing of textiles	...	394	334	...	...	10538	10006	...	...	12323	12323	...			
172 Other textiles	...	2429	2359	...	...	30246	30660	...	...	30027	31597	...			
1721 Made-up textile articles, except apparel	...	937	792	...	...	11537	8185	...	...	11140	8347	...			
1722 Carpets and rugs	...	270	313	...	...	2617	2532	...	...	2458	2675	...			
1723 Cordage, rope, twine and netting	...	70	56	...	...	5698	5386	...	...	6761	6813	...			
1729 Other textiles n.e.c.	...	1152	1198	...	...	10394	14557	...	...	9668	13762	...			
1730 Knitted and crocheted fabrics and articles	...	1575	1627	...	...	31147	31270	...	...	30647	31984	...			
1810 Wearing apparel, except fur apparel	...	11891	12306	...	...	153633	148483	...	...	134947	134188	...			
1820 Dressing & dyeing of fur; processing of fur	...	61	52	...	...	475	531	...	...	592	687	...			
191 Tanning, dressing and processing of leather	...	846	809	...	...	7611	7189	...	...	8744	8677	...			
1911 Tanning and dressing of leather	...	166	171	...	...	3715	3571	...	...	5550	5556	...			
1912 Luggage, handbags, etc.; saddlery & harness	...	680	638	...	...	3896	3618	...	...	3194	3121	...			
1920 Footwear	...	3165	2800	...	...	73196	71039	...	...	67148	70342	...			
2010 Sawmilling and planing of wood	...	1359	1175	...	...	14080	12849	...	...	11821	11674	...			
202 Products of wood, cork, straw, etc.	...	8281	8360	...	...	40593	40883	...	...	42109	45420	...			
2021 Veneer sheets, plywood, particle board, etc.	...	56	34	...	...	2847	2647	...	...	5075	5113	...			
2022 Builders' carpentry and joinery	...	5470	5508	...	...	16525	16509	...	...	13084	14113	...			
2023 Wooden containers	...	231	195	...	...	1039	852	...	...	857	713	...			
2029 Other wood products; articles of cork/straw	...	2524	2623	...	...	20182	20875	...	...	23093	25481	...			
210 Paper and paper products	...	486	476	...	...	15217	15341	...	...	30518	32873	...			
2101 Pulp, paper and paperboard	...	85	73	...	...	6691	6050	...	...	17978	18316	...			
2102 Corrugated paper and paperboard	...	264	285	...	...	5796	6093	...	...	8390	9206	...			
2109 Other articles of paper and paperboard	...	137	118	...	...	2730	3198	...	...	4150	5351	...			
221 Publishing	...	954	800	...	...	10038	9310	...	...	26497	25836	...			
2211 Publishing of books and other publications	...	301	192	...	...	3674	3113	...	...	9101	8511	...			
2212 Publishing of newspapers, journals, etc.	...	496	463	...	...	5832	5573	...	...	16566	16421	...			
2213 Publishing of recorded media	...	60	59	...	...	182	168	...	...	437	216	...			
2219 Other publishing	...	97	86	...	...	350	456	...	...	393	688	...			

222	Printing and related service activities	3396	3358	28002	28219	39821	40643
2221	Printing	1705	1638	18704	18742	27706	27605
2222	Service activities related to printing	1691	1720	9298	9477	12115	13038
2230	Reproduction of recorded media	27	16	266	72	387	149
2310	Coke oven products	-	-	-	-	-	-
2320	Refined petroleum products	1	1	3382	3145	15192	15548
2330	Processing of nuclear fuel	-	-	-	-	-	-
241	Basic chemicals	228	195	6574	6299	18690	20477
2411	Basic chemicals, except fertilizers	100	-	2965	-	8055	-
2412	Fertilizers and nitrogen compounds	13	10	1264	1173	3582	3784
2413	Plastics in primary forms; synthetic rubber	115	-	2345	-	7053	-
242	Other chemicals	852	788	20148	18716	50652	49297
2421	Pesticides and other agro-chemical products	12	9	289	259	793	686
2422	Paints, varnishes, printing ink and mastics	180	156	4610	4450	9530	9745
2423	Pharmaceuticals, medicinal chemicals, etc.	144	143	8392	8031	25862	26097
2424	Soap, cleaning & cosmetic preparations	264	241	4652	4004	10726	9252
2429	Other chemical products n.e.c.	252	239	2205	1972	3741	3517
2430	Man-made fibres	15	13	749	665	1921	1917
251	Rubber products	223	182	5130	5042	7982	8495
2511	Rubber tyres and tubes	137	101	3139	3134	5354	5785
2519	Other rubber products	86	81	1991	1908	2628	2710
2520	Plastic products	812	803	14483	15781	20667	24097
2610	Glass and glass products	447	424	8889	8881	16630	17571
269	Non-metallic mineral products n.e.c.	4245	4154	58007	61233	81275	88705
2691	Pottery, china and earthenware	1350	1266	21457	23074	25629	29045
2692	Refractory ceramic products	25	20	847	535	1329	906
2693	Struct.non-refractory clay; ceramic products	354	335	10841	11350	15523	16868
2694	Cement, lime and plaster	45	37	2436	2065	7787	6975
2695	Articles of concrete, cement and plaster	726	791	9920	10799	16184	18191
2696	Cutting, shaping & finishing of stone	1655	1629	11381	12247	12920	14502
2699	Other non-metallic mineral products n.e.c.	80	76	1125	1163	1903	2218
2710	Basic iron and steel	247	177	5660	4981	10884	10596
2720	Basic precious and non-ferrous metals	149	115	3418	2524	5438	4416
273	Casting of metals	351	329	5734	6761	8331	10518
2731	Casting of iron and steel	64	48	3891	4137	6250	6985
2732	Casting of non-ferrous metals	287	281	1843	2624	2081	3533
281	Struct.metall products;tanks;steam generators	4330	4221	27091	26852	31198	35038
2811	Structural metal products	4207	4111	23989	23903	26447	29536
2812	Tanks, reservoirs and containers of metal	113	100	2920	2756	4421	5238
2813	Steam generators	10	10	182	193	330	264
289	Other metal products; metal working services	10401	9843	46065	44630	53706	57025
2891	Metal forging/pressing/stamping/roll-forming	288	364	1230	1661	1568	1961
2892	Treatment & coating of metals	6382	6011	17009	15741	18595	20241
2893	Cutlery, hand tools and general hardware	1838	1537	10262	10034	11587	11944
2899	Other fabricated metal products n.e.c.	1893	1931	17564	17194	21956	22879
291	General purpose machinery	1610	1431	17195	16879	26640	26175
2911	Engines & turbines(not for transport equip.)	72	72	279	238	299	328
2912	Pumps, compressors, taps and valves	136	119	2222	3058	2931	4495
2913	Bearings, gears, gearing & driving elements	20	18	782	606	1455	1278
2914	Ovens, furnaces and furnace burners	49	49	449	419	706	717
2915	Lifting and handling equipment	201	188	3747	3397	6843	7080
2919	Other general purpose machinery	1132	985	9716	9161	14406	12277
292	Special purpose machinery	2164	2068	24335	24233	37639	38175
2921	Agricultural and forestry machinery	510	486	3592	3651	4816	4864
2922	Machine tools	195	189	2354	2431	3337	3479
2923	Machinery for metallurgy	34	28	199	229	294	271
2924	Machinery for mining & construction	163	162	1865	1662	2642	2438
2925	Food/beverage/tobacco processing machinery	224	184	2325	1975	3782	2933
2926	Machinery for textile, apparel and leather	182	148	2387	1917	3855	2792
2927	Weapons and ammunition	34	29	1002	822	1781	1566
2929	Other special purpose machinery	822	842	10611	11546	17312	19832
2930	Domestic appliances n.e.c.	135	98	4405	4307	6372	7665

continued

## Portugal

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million ESCUDOS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		...	54	55	...		...	317	449	...		...	514	622	...
3110 Electric motors, generators and transformers		...	275	259	...		...	2840	2750	...		...	6526	7008	...
3120 Electricity distribution & control apparatus		...	174	168	...		...	2638	2872	...		...	4327	5156	...
3130 Insulated wire and cable		...	32	29	...		...	5810	6414	...		...	11153	13053	...
3140 Accumulators, primary cells and batteries		...	4	3	...		...	885	899	...		...	2480	2412	...
3150 Lighting equipment and electric lamps		...	354	308	...		...	3304	3159	...		...	4046	3843	...
3190 Other electrical equipment n.e.c.		...	173	169	...		...	12934	13741	...		...	18395	22992	...
3210 Electronic valves, tubes, etc.		...	164	132	...		...	7672	7270	...		...	19851	20462	...
3220 TV/radio transmitters; line comm. apparatus		...	55	69	...		...	1786	2205	...		...	5688	7195	...
3230 TV and radio receivers and associated goods		...	84	75	...		...	7928	7753	...		...	16192	17292	...
331 Medical, measuring, testing appliances, etc.		...	645	611	...		...	4052	4100	...		...	6559	6505	...
3311 Medical, surgical and orthopaedic equipment		...	477	462	...		...	1855	1891	...		...	2556	2332	...
3312 Measuring/testing/navigating appliances, etc.		...	102	90	...		...	1370	883	...		...	2399	1307	...
3313 Industrial process control equipment		...	66	59	...		...	817	1326	...		...	1604	2866	...
3320 Optical instruments & photographic equipment		...	38	34	...		...	1862	1762	...		...	2932	3023	...
3330 Watches and clocks		...	29	24	...		...	277	228	...		...	280	274	...
3410 Motor vehicles		...	55	44	...		...	11106	10063	...		...	32360	30619	...
3420 Automobile bodies, trailers & semi-trailers		...	177	167	...		...	3225	3241	...		...	3894	4332	...
3430 Parts/accessories for automobiles		...	238	231	...		...	10640	10763	...		...	18155	18653	...
351 Building and repairing of ships and boats		...	331	353	...		...	10009	5866	...		...	24361	12454	...
3511 Building and repairing of ships		...	283	272	...		...	9856	5480	...		...	24233	12113	...
3512 Building/repairing of pleasure/sport. boats		...	48	81	...		...	153	386	...		...	128	341	...
3520 Railway/tramway locomotives & rolling stock		...	5	5	...		...	3068	3121	...		...	7800	8538	...
3530 Aircraft and spacecraft		...	56	43	...		...	1714	1774	...		...	4148	4582	...
359 Transport equipment n.e.c.		...	70	58	...		...	2348	2004	...		...	2849	2515	...
3591 Motorcycles		...	22	...	...		...	969	...	...		...	1199	...	...
3592 Bicycles and invalid carriages		...	35	...	...		...	1345	...	...		...	1620	...	...
3599 Other transport equipment n.e.c.		...	13	8	...		...	34	29	...		...	30	28	...
3610 Furniture		...	7311	7414	...		...	45776	47764	...		...	40474	44588	...
369 Manufacturing n.e.c.		...	2808	2624	...		...	14981	13273	...		...	15747	15006	...
3691 Jewellery and related articles		...	1381	1345	...		...	5755	5388	...		...	5662	6054	...
3692 Musical instruments		...	28	35	...		...	66	57	...		...	40	48	...
3693 Sports goods		...	79	60	...		...	709	434	...		...	995	476	...
3694 Games and toys		...	146	78	...		...	1124	908	...		...	1124	895	...
3699 Other manufacturing n.e.c.		...	1174	1106	...		...	7327	6486	...		...	7926	7533	...
3710 Recycling of metal waste and scrap		...	40	31	...		...	389	379	...		...	545	643	...
3720 Recycling of non-metal waste and scrap		...	48	42	...		...	339	437	...		...	343	507	...
D Total manufacturing		...	84551	82995	...		...	984861	964064	...		...	1286787	1320851	...



## Portugal

ISIC Revision 3	Output in producers' prices					Value added in producers' prices					Gross fixed capital formation		
	ISIC Industry	Note	(million ESCUDOS)				Note	(million ESCUDOS)				(million ESCUDOS)	
			1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
151 Processed meat, fish, fruit, vegetables, fats	...	...	569349	603747	...	...	...	86596	83288	...	...	8534	...
1511 Processing/preserving of meat	...	...	285313	292407	...	...	...	42451	42770	...	...	7523	...
1512 Processing/preserving of fish	...	...	71947	65177	...	...	...	11228	10842	...	...	-3266	...
1513 Processing/preserving of fruit & vegetables	...	...	89620	76187	...	...	...	16460	13060	...	...	3769	...
1514 Vegetable and animal oils and fats	...	...	122469	169976	...	...	...	16457	16616	...	...	508	...
1520 Dairy products	...	...	247998	286282	...	...	...	39067	42290	...	...	-15940	...
153 Grain mill products; starches; animal feeds	...	...	318592	311230	...	...	...	38798	39693	...	...	6330	...
1531 Grain mill products	...	...	...	...	...	...	...	...	...	...	...	...	...
1532 Starches and starch products	...	...	...	...	...	...	...	...	...	...	...	...	...
1533 Prepared animal feeds	...	...	219130	209177	...	...	...	26102	25967	...	...	3851	...
154 Other food products	...	...	375283	395471	...	...	...	113324	122204	...	...	27796	...
1541 Bakery products	...	...	203026	211121	...	...	...	69129	76470	...	...	14665	...
1542 Sugar	...	...	47842	54605	...	...	...	10245	10778	...	...	8981	...
1543 Cocoa, chocolate and sugar confectionery	...	...	22407	20139	...	...	...	4813	4027	...	...	497	...
1544 Macaroni, noodles & similar products	...	...	4508	4494	...	...	...	1239	1157	...	...	-250	...
1549 Other food products n.e.c.	...	...	97500	105112	...	...	...	27898	29772	...	...	3903	...
155 Beverages	...	...	348872	361135	...	...	...	99919	97058	...	...	18654	...
1551 Distilling, rectifying & blending of spirits	...	...	8992	11176	...	...	...	1889	2370	...	...	329	...
1552 Wines	...	...	...	...	...	...	...	...	...	...	...	...	...
1553 Malt liquors and malt	...	...	...	...	...	...	...	...	...	...	...	...	...
1554 Soft drinks; mineral waters	...	...	64301	78942	...	...	...	15296	19845	...	...	5916	...
1600 Tobacco products	...	...	146510	203571	...	...	...	132637	185144	...	...	-250	...
171 Spinning, weaving and finishing of textiles	...	...	440180	432906	...	...	...	144592	137721	...	...	20145	...
1711 Textile fibre preparation; textile weaving	...	...	366348	361112	...	...	...	116095	109471	...	...	13102	...
1712 Finishing of textiles	...	...	73832	71794	...	...	...	28497	28250	...	...	7043	...
172 Other textiles	...	...	200068	215437	...	...	...	63617	68480	...	...	4626	...
1721 Made-up textile articles, except apparel	...	...	79015	69484	...	...	...	23479	18647	...	...	3400	...
1722 Carpets and rugs	...	...	16411	17435	...	...	...	5220	5814	...	...	1685	...
1723 Cordage, rope, twine and netting	...	...	39805	39791	...	...	...	13344	12231	...	...	-5354	...
1729 Other textiles n.e.c.	...	...	64837	88727	...	...	...	21574	31788	...	...	4895	...
1730 Knitted and crocheted fabrics and articles	...	...	259621	272186	...	...	...	66471	69660	...	...	14312	...
1810 Wearing apparel, except fur apparel	...	...	693836	822525	...	...	...	238517	255135	...	...	30324	...
1820 Dressing & dyeing of fur; processing of fur	...	...	6068	6226	...	...	...	1471	1502	...	...	162	...
191 Tanning, dressing and processing of leather	...	...	77717	78951	...	...	...	18223	18129	...	...	3572	...
1911 Tanning and dressing of leather	...	...	59406	62145	...	...	...	11771	12458	...	...	2999	...
1912 Luggage, handbags, etc.; saddlery & harness	...	...	18311	16806	...	...	...	6452	5671	...	...	573	...
1920 Footwear	...	...	454215	458707	...	...	...	126503	136937	...	...	18198	...
2010 Sawmilling and planing of wood	...	...	102349	111441	...	...	...	26640	29233	...	...	6885	...
202 Products of wood, cork, straw, etc.	...	...	413284	490653	...	...	...	105732	115613	...	...	23735	...
2021 Veneer sheets, plywood, particle board, etc.	...	...	60742	67634	...	...	...	15978	17190	...	...	1981	...
2022 Builders' carpentry and joinery	...	...	86792	107409	...	...	...	32116	34318	...	...	9670	...
2023 Wooden containers	...	...	6819	8277	...	...	...	1969	1886	...	...	408	...
2029 Other wood products; articles of cork/straw	...	...	256931	307343	...	...	...	55669	62219	...	...	11676	...
210 Paper and paper products	...	...	371000	372412	...	...	...	103300	119032	...	...	31340	...
2101 Pulp, paper and paperboard	...	...	217362	239868	...	...	...	61263	80803	...	...	20684	...
2102 Corrugated paper and paperboard	...	...	118051	90550	...	...	...	29531	24635	...	...	7742	...
2109 Other articles of paper and paperboard	...	...	35587	41994	...	...	...	12506	13594	...	...	2914	...
221 Publishing	...	...	200407	218270	...	...	...	63067	69381	...	...	7149	...
2211 Publishing of books and other publications	...	...	82022	80901	...	...	...	27141	24088	...	...	2241	...
2212 Publishing of newspapers, journals, etc.	...	...	101396	124648	...	...	...	32543	42847	...	...	3585	...
2213 Publishing of recorded media	...	...	10732	4625	...	...	...	1635	889	...	...	130	...
2219 Other publishing	...	...	6257	8096	...	...	...	1748	1557	...	...	1193	...

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## Portugal

ISIC Revision 3	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation		
	ISIC Industry	Note	(million ESCUDOS)				Note	(million ESCUDOS)			
			1995	1996	1997	1998		1995	1996	1997	1998
222 Printing and related service activities	...	245761	241125	...	...	102593	112648	...	29773	...	
2221 Printing	...	171854	160045	...	...	71689	76562	...	20229	...	
2222 Service activities related to printing	...	73907	81080	...	...	30904	36086	...	9544	...	
2230 Reproduction of recorded media	...	4851	1926	...	...	1122	597	...	64	...	
2310 Coke oven products	...	-	-	...	...	-	-	...	-	...	
2320 Refined petroleum products	...	827910	812814	...	...	456933	395609	...	23672	...	
2330 Processing of nuclear fuel	...	-	-	...	...	-	-	...	-	...	
241 Basic chemicals	...	233487	267386	...	...	62612	74348	...	51568	...	
2411 Basic chemicals, except fertilizers	...	98759	...	...	...	35127	...	...	35127	...	
2412 Fertilizers and nitrogen compounds	...	37107	35094	...	...	11188	9431	...	-344	...	
2413 Plastics in primary forms; synthetic rubber	...	97621	...	...	...	16297	...	...	...	...	
242 Other chemicals	...	389471	408567	...	...	125055	136130	...	18165	...	
2421 Pesticides and other agro-chemical products	...	8785	7155	...	...	2180	1887	...	482	...	
2422 Paints, varnishes, printing ink and mastics	...	76330	78808	...	...	26180	27128	...	2985	...	
2423 Pharmaceuticals, medicinal chemicals, etc.	...	163500	194323	...	...	62185	74293	...	11324	...	
2424 Soap, cleaning & cosmetic preparations	...	104040	94645	...	...	25268	23206	...	1089	...	
2429 Other chemical products n.e.c.	...	36816	33636	...	...	9242	9616	...	2285	...	
2430 Man-made fibres	...	20442	25339	...	...	3690	5757	...	1638	...	
251 Rubber products	...	59736	62260	...	...	22004	23890	...	3867	...	
2511 Rubber tyres and tubes	...	41033	44328	...	...	16071	17965	...	2407	...	
2519 Other rubber products	...	18703	17932	...	...	5933	5925	...	1460	...	
2520 Plastic products	...	192179	218096	...	...	56854	64890	...	18671	...	
2610 Glass and glass products	...	94643	106363	...	...	39055	44364	...	13520	...	
269 Non-metallic mineral products n.e.c.	...	577343	677683	...	...	227367	268249	...	53482	...	
2691 Pottery, china and earthenware	...	102395	116251	...	...	51553	58910	...	9712	...	
2692 Refractory ceramic products	...	6191	3903	...	...	2958	1947	...	185	...	
2693 Struct.non-refractory clay; ceramic products	...	86796	99744	...	...	38086	43583	...	14898	...	
2694 Cement, lime and plaster	...	140599	157959	...	...	59275	74389	...	6328	...	
2695 Articles of concrete, cement and plaster	...	137478	177679	...	...	39091	47651	...	10756	...	
2696 Cutting, shaping & finishing of stone	...	86118	100843	...	...	31219	35217	...	11481	...	
2699 Other non-metallic mineral products n.e.c.	...	17766	21304	...	...	5185	6552	...	122	...	
2710 Basic iron and steel	...	133117	157165	...	...	22447	29071	...	5271	...	
2720 Basic precious and non-ferrous metals	...	56946	46915	...	...	13716	10947	...	1370	...	
273 Casting of metals	...	38229	55019	...	...	15917	20835	...	1979	...	
2731 Casting of iron and steel	...	27078	30510	...	...	11473	13149	...	666	...	
2732 Casting of non-ferrous metals	...	11151	24509	...	...	4444	7686	...	1313	...	
281 Struct.metal products;tanks;steam generators	...	222623	237786	...	...	77000	72485	...	14216	...	
2811 Structural metal products	...	178972	206441	...	...	56472	61082	...	11690	...	
2812 Tanks, reservoirs and containers of metal	...	26528	30090	...	...	9440	10837	...	2394	...	
2813 Steam generators	...	17123	1255	...	...	11088	566	...	132	...	
289 Other metal products; metal working services	...	353488	393194	...	...	131810	143395	...	22933	...	
2891 Metal forging/pressing/stamping/roll-forming	...	9671	11723	...	...	3470	4180	...	2413	...	
2892 Treatment & coating of metals	...	136283	154914	...	...	48390	54452	...	5994	...	
2893 Cutlery, hand tools and general hardware	...	64087	67465	...	...	26667	27871	...	6751	...	
2899 Other fabricated metal products n.e.c.	...	143447	159092	...	...	53283	56892	...	7775	...	
291 General purpose machinery	...	185880	176121	...	...	58332	57801	...	9509	...	
2911 Engines & turbines(not for transport equip.)	...	2118	2299	...	...	755	755	...	196	...	
2912 Pumps, compressors, taps and valves	...	15756	27700	...	...	6011	9130	...	4168	...	
2913 Bearings, gears, gearing & driving elements	...	7997	6356	...	...	3662	2699	...	398	...	
2914 Ovens, furnaces and furnace burners	...	3657	4496	...	...	1337	1436	...	92	...	
2915 Lifting and handling equipment	...	37609	40930	...	...	12773	14619	...	907	...	
2919 Other general purpose machinery	...	118743	94340	...	...	33794	29162	...	3748	...	

292	Special purpose machinery	200488	219697	...	81472	88711	...	16515	...
2921	Agricultural and forestry machinery	32032	30955	...	11109	11316	...	868	...
2922	Machine tools	17358	19680	...	7132	7646	...	1225	...
2923	Machinery for metallurgy	1317	2173	...	524	771	...	58	...
2924	Machinery for mining & construction	17869	20226	...	5300	5650	...	1282	...
2925	Food/beverage/tobacco processing machinery	19986	17453	...	7022	6587	...	739	...
2926	Machinery for textile, apparel and leather	17433	14256	...	8373	6171	...	831	...
2927	Weapons and ammunition	7869	6129	...	1716	1571	...	810	...
2929	Other special purpose machinery	86624	108825	...	40296	48999	...	10702	...
2930	Domestic appliances n.e.c.	58455	71484	...	15275	18437	...	4143	...
3000	Office, accounting and computing machinery	8995	7261	...	1935	1714	...	102	...
3110	Electric motors, generators and transformers	35149	39213	...	11888	12523	...	1274	...
3120	Electricity distribution & control apparatus	23798	29060	...	9611	11782	...	1245	...
3130	Insulated wire and cable	95101	114104	...	27810	30232	...	4191	...
3140	Accumulators, primary cells and batteries	14725	13778	...	5261	4953	...	876	...
3150	Lighting equipment and electric lamps	23903	22945	...	8466	8311	...	1036	...
3190	Other electrical equipment n.e.c.	122781	131371	...	41348	44414	...	5420	...
3210	Electronic valves, tubes, etc.	161062	164025	...	35600	39294	...	3713	...
3220	TV/radio transmitters; line comm. apparatus	30335	39580	...	10004	14782	...	1558	...
3230	TV and radio receivers and associated goods	143300	157907	...	30246	39340	...	22761	...
331	Medical, measuring, testing appliances, etc.	39262	41597	...	15618	14449	...	1908	...
3311	Medical, surgical and orthopaedic equipment	17583	16889	...	6405	6387	...	1031	...
3312	Measuring/testing/navigating appliances, etc.	11031	6251	...	5962	3092	...	564	...
3313	Industrial process control equipment	10648	18457	...	3251	4970	...	313	...
3320	Optical instruments & photographic equipment	14287	15734	...	6124	6480	...	426	...
3330	Watches and clocks	2128	1047	...	672	425	...	8	...
3410	Motor vehicles	561827	618849	...	108880	119075	...	10464	...
3420	Automobile bodies, trailers & semi-trailers	24520	28798	...	6834	8039	...	790	...
3430	Parts/accessories for automobiles	234029	186922	...	51450	51564	...	10819	...
351	Building and repairing of ships and boats	92334	63943	...	32415	25311	...	6411	...
3511	Building and repairing of ships	91414	61276	...	32030	24643	...	6030	...
3512	Building/repairing of pleasure/sport. boats	920	2667	...	385	668	...	381	...
3520	Railway/tramway locomotives & rolling stock	41742	36458	...	12880	15983	...	2426	...
3530	Aircraft and spacecraft	13047	16183	...	6255	7233	...	792	...
359	Transport equipment n.e.c.	15944	15846	...	5439	5032	...	335	...
3591	Motorcycles	6270	...	...	1996	...	...	...	...
3592	Bicycles and invalid carriages	9457	...	...	3367	...	...	...	...
3599	Other transport equipment n.e.c.	217	253	...	76	87	...	10	...
3610	Furniture	267904	283029	...	87587	93909	...	19178	...
369	Manufacturing n.e.c.	214034	182485	...	43448	39832	...	4721	...
3691	Jewellery and related articles	124688	112196	...	19262	18948	...	1779	...
3692	Musical instruments	215	233	...	92	103	...	21	...
3693	Sports goods	28092	9421	...	3482	1477	...	171	...
3694	Games and toys	8626	5659	...	2633	1957	...	53	...
3699	Other manufacturing n.e.c.	52413	54976	...	17979	17347	...	2697	...
3710	Recycling of metal waste and scrap	7626	9236	...	1548	1913	...	428	...
3720	Recycling of non-metal waste and scrap	4396	6726	...	752	1712	...	628	...
D	Total manufacturing	11312627	12046197	...	3543799	3756966	...	597438	...

## Portugal

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		...	...	...	100	102	97	98	95	98	101	104	107
16	Tobacco products		...	...	...	100	102	98	95	87	82	78	82	103
17	Textiles		...	...	...	100	105	98	86	90	89	83	85	84
18	Wearing apparel, fur		...	...	...	100	101	99	89	79	86	85	77	75
19	Leather, leather products and footwear		...	...	...	100	98	97	94	91	91	92	92	83
20	Wood products (excl. furniture)		...	...	...	100	109	111	114	97	104	110	118	120
21	Paper and paper products		...	...	...	100	111	108	100	106	111	109	117	120
22	Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel		...	...	...	100	93	98	93	113	120	108	120	128
24	Chemicals and chemical products		...	...	...	100	88	82	74	75	73	74	76	76
25	Rubber and plastics products		...	...	...	100	100	96	90	97	104	116	127	135
26	Non-metallic mineral products		...	...	...	100	98	102	106	107	111	114	126	132
27	Basic metals		...	...	...	100	93	100	96	98	104	100	114	117
28	Fabricated metal products		...	...	...	100	102	96	89	94	94	103	113	121
29	Machinery and equipment n.e.c.		...	...	...	100	97	91	82	87	88	96	104	109
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus		...	...	...	100	110	118	110	103	125	130	142	149
32	Radio, television and communication equipment		...	...	...	100	97	99	97	107	122	130	132	153
33	Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers		...	...	...	100	101	105	89	89	104	132	149	153
35	Other transport equipment		...	...	...	100	97	81	69	57	55	59	56	72
36	Furniture; manufacturing n.e.c.		...	...	...	100	102	95	93	102	114	126	128	141
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		90	92	94	100	100	98	92	93	96	97	102	104

## PUERTO RICO

**Supplier of information:**

Puerto Rico Planning Board, San Juan.

**Basic source of data:**

Census of manufacturing industries.

**Major deviations from ISIC (Revision 2):**

Data are collected according to the national classification system (Standard Industrial Classification System), which is not strictly comparable with ISIC (Rev. 2) .

**Reference period (if not calendar year):**

Fiscal year.

**Scope:**

All establishments with at least one paid employee and operating during a specified week in March.

**Method of enumeration:**

Individual sites are visited by enumerators.

**Adjusted for non-response:**

Yes.

**Concepts and definitions of variables:**

Number of employees is as of the pay period that includes 12 March of the reference year.

Output is value of goods shipped.

Value added is total value added.

**Related national publications:**

Census of Manufacturing Industries of Puerto Rico (annual), published by the Puerto Rico Department of Labour and Human Resources, Puerto Rico.

Puerto Rico

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million DOLLARS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		242	283	282	...		14310	13590	12950	...		352.4	357.7	370.1	365.7
3111 Slaughtering, preparing & preserving meat		...	...	...	...		...	...	...	...		27.4	29.7	31.4	33.2
3112 Dairy products		...	...	...	...		...	...	...	...		35.9	35.9	37.5	38.1
3113 Canning, preserving of fruits & vegetables		...	...	...	...		...	...	...	...		19.0	21.0	25.2	22.2
3114 Canning, preserving and processing of fish		...	...	...	...		...	...	...	...		73.4	69.2	59.1	51.7
3115 Vegetable and animal oils and fats		...	...	...	...		...	...	...	...		-	-	-	-
3116 Grain mill products		...	...	...	...		...	...	...	...		16.6	19.4	19.1	19.4
3117 Bakery products		...	...	...	...		...	...	...	...		63.0	69.9	76.2	78.7
3118 Sugar factories and refineries		...	...	...	...		...	...	...	a/		85.4	79.7	83.9	81.9
3119 Cocoa, chocolate and sugar confectionery		...	...	...	...		...	...	...	a/		...	...	...	...
3121 Other food products		...	...	...	...		...	...	...			31.7	32.9	37.7	40.5
3122 Prepared animal feeds		...	...	...	...		...	...	...			-	-	-	-
313 Beverages		28	34	36	...		1610	1610	1620	...		97.4	94.6	89.0	96.2
3131 Distilling, rectifying and blending spirits		...	...	...	...		...	...	...	...		30.4	33.5	23.4	23.1
3132 Wine industries		...	...	...	...		...	...	...	...		-	-	-	-
3133 Malt liquors and malt		...	...	...	...		...	...	...	...		12.4	11.7	11.6	11.8
3134 Soft drinks and carbonated waters		...	...	...	...		...	...	...	...		54.6	49.4	54.0	61.3
314 Tobacco		5	5	5	...		690	720	930	...		27.9	28.1	30.1	31.4
321 Textiles		13	16	13	...		3060	3450	3270	...		24.6	27.5	29.7	29.0
3211 Spinning, weaving and finishing textiles		...	...	...	...		...	...	...	...		...	...	...	...
3212 Made-up textile goods excl. wearing apparel		...	...	...	...		...	...	...	...		...	...	...	...
3213 Knitting mills		...	...	...	...		...	...	...	...		...	...	...	...
3214 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	...	...
3215 Cordage, rope and twine		...	...	...	...		...	...	...	...		...	...	...	...
3219 Other textiles		...	...	...	...		...	...	...	...		...	...	...	...
322 Wearing apparel, except footwear		207	226	225	...		24310	22280	20090	...		280.1	273.6	256.7	243.8
323 Leather and fur products		11	13	11	...		2480	2650	2210	...	b/	96.0	89.9	93.6	89.3
3231 Tanneries and leather finishing		...	...	...	...		...	...	...	...		...	...	...	...
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...	...	...
3233 Leather prods. excl. wearing apparel		...	...	...	...		...	...	...	...		...	...	...	...
324 Footwear, except rubber or plastic		12	12	9	...		4320	3450	3830	...	b/	...	...	...	...
331 Wood products, except furniture		64	112	105	...		580	780	800	...		13.7	15.5	17.0	16.4
3311 Sawmills, planing and other wood mills		...	...	...	...		...	...	...	...		...	...	...	...
3312 Wooden and cane containers		...	...	...	...		...	...	...	...		...	...	...	...
3319 Other wood and cork products		...	...	...	...		...	...	...	...		...	...	...	...
332 Furniture and fixtures, excl. metal		123	134	135	...		2250	2450	2530	...		23.3	25.4	28.5	30.3
341 Paper and products		39	45	45	...		1700	1740	1780	...		41.1	40.8	45.7	49.3
3411 Pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...	...	...
3412 Containers of paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
3419 Other pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...	...	...
342 Printing and publishing		164	199	193	...		2760	3160	3070	...		113.6	122.2	128.0	146.0
351 Industrial chemicals		167c/	169c/	165c/	...		20080c/	20310c/	19510c/	...	c/	853.3	859.2	874.3	1052.6
3511 Basic chemicals excl. fertilizers		...	...	...	...		...	...	...	...		...	...	...	...
3512 Fertilizers and pesticides		...	...	...	...		...	...	...	...		...	...	...	...
3513 Synthetic resins and plastic materials		...	...	...	...		...	...	...	...		...	...	...	...
352 Other chemicals		...c/	...c/	...c/	...		...c/	...c/	...c/	...	c/	...	...	...	...
3521 Paints, varnishes and lacquers		...	...	...	...		...	...	...	...		15.0	13.9	14.1	14.9
3522 Drugs and medicines		85	85	79	...		...	...	...	...		737.0	739.7	748.3	914.4
3523 Soap, cleaning preps., perfumes, cosmetics		...	...	...	...		...	...	...	...		...	...	...	...
3529 Other chemical products		...	...	...	...		...	...	...	...		101.3	105.6	112.0	123.3
353 Petroleum refineries		17d/	18d/	20d/	...		770d/	680d/	690d/	...		37.7	37.3	34.1	32.5

354 Misc. petroleum and coal products	...d/	...d/	...d/	...	...d/	...d/	...d/	...		22.0	23.2	20.7	22.7
355 Rubber products	11	12	12	...	360	650	540	...	e/	81.9	82.4	92.3	97.9
3551 Tyres and tubes	...	...	...	...	...	...	...	...		...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...		...	...	...	...
356 Plastic products	69	66	74	...	2580	2700	3260	...	e/	...	...	...	...
361 Pottery, china, earthenware	8	12	9	...	420	400	400	...		...	...	...	...
362 Glass and products	36	40	38	...	1340	1100	1090	...		31.0	30.9	32.0	28.9
369 Other non-metallic mineral products	118	144	137	...	1860	2110	2270	...		70.7	72.0	74.6	84.3
3691 Structural clay products	...	...	...	...	...	...	...	...		...	...	...	...
3692 Cement, lime and plaster	...	...	...	...	...	...	...	...		...	...	...	...
3699 Other non-metallic mineral products	...	...	...	...	...	...	...	...		...	...	...	...
371 Iron and steel	17f/	19f/	16f/	...	460f/	460f/	460f/	...	f/	20.4	19.4	17.8	16.2
372 Non-ferrous metals	...f/	...f/	...f/	...	...f/	...f/	...f/	...	f/	...	...	...	...
381 Fabricated metal products	200	228	221	...	2960	3310	3770	...		63.0	67.6	81.6	84.0
3811 Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...		...	...	...	...
3812 Furniture and fixtures primarily of metal	...	...	...	...	...	...	...	...		...	...	...	...
3813 Structural metal products	...	...	...	...	...	...	...	...		...	...	...	...
3819 Other fabricated metal products	...	...	...	...	...	...	...	...		...	...	...	...
382 Non-electrical machinery	47	59	57	...	2130	2440	2430	...		73.0	78.2	94.2	117.2
3821 Engines and turbines	...	...	...	...	...	...	...	...		...	...	...	...
3822 Agricultural machinery and equipment	...	...	...	...	...	...	...	...		...	...	...	...
3823 Metal and wood working machinery	...	...	...	...	...	...	...	...		...	...	...	...
3824 Other special industrial machinery	...	...	...	...	...	...	...	...		...	...	...	...
3825 Office, computing and accounting machinery	...	...	...	...	...	...	...	...		...	...	...	...
3829 Other non-electrical machinery & equipment	...	...	...	...	...	...	...	...		...	...	...	...
383 Electrical machinery	90	95	89	...	20100	20580	21630	...		444.1	455.5	491.4	488.0
3831 Electrical industrial machinery	...	...	...	...	...	...	...	...		...	...	...	...
3832 Radio, television and communication equipm.	...	...	...	...	...	...	...	...		...	...	...	...
3833 Electrical appliances and housewares	...	...	...	...	...	...	...	...		...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	...	...	...	...	...		...	...	...	...
384 Transport equipment	20	27	28	...	670	670	700	...		16.3	17.8	17.8	20.9
3841 Shipbuilding and repairing	...	...	...	...	...	...	...	...		...	...	...	...
3842 Railroad equipment	...	...	...	...	...	...	...	...		...	...	...	...
3843 Motor vehicles	...	...	...	...	...	...	...	...		...	...	...	...
3844 Motorcycles and bicycles	...	...	...	...	...	...	...	...		...	...	...	...
3845 Aircraft	...	...	...	...	...	...	...	...		...	...	...	...
3849 Other transport equipment	...	...	...	...	...	...	...	...		...	...	...	...
385 Professional and scientific equipment	72	77	72	...	12300	13080	13190	...		296.4	312.0	302.2	347.6
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...		...	...	...	...
3852 Photographic and optical goods	...	...	...	...	...	...	...	...		...	...	...	...
3853 Watches and clocks	...	...	...	...	...	...	...	...		...	...	...	...
390 Other manufacturing industries	45	49	44	...	1870	1770	1990	...		42.7	39.5	37.2	35.0
3901 Jewellery and related articles	...	...	...	...	...	...	...	...		...	...	...	...
3902 Musical instruments	...	...	...	...	...	...	...	...		...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...		...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...		...	...	...	...
3 Total manufacturing	1825	2057	2005	...	125970	123860	122450	...		3122.6	3170.3	3258.6	3525.2

a/ 3118 includes 3119.

b/ 323 includes 324.

c/ 351 includes 352.

d/ 353 includes 354.

e/ 355 includes 356.

f/ 371 includes 372.

Puerto Rico

ISIC Revision 2	Output				Value added				Gross fixed capital formation					
	ISIC Industry	Note	(million DOLLARS)				Note	(million DOLLARS)				Note	(million DOLLARS)	
			1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
311/2 Food products		2622.1	2561.3	2549.5	2531.3		761.0	722.2	766.7	779.4		...	...	
3111 Slaughtering, preparing & preserving meat		217.9	224.0	236.9	237.5		51.6	52.7	54.3	54.8		...	...	
3112 Dairy products		334.0	338.6	345.0	357.3		56.6	58.8	62.6	64.4		...	...	
3113 Canning, preserving of fruits & vegetables		182.1	189.4	190.9	197.6		34.3	37.0	42.1	38.9		...	...	
3114 Canning, preserving and processing of fish		566.4	544.1	451.8	434.5		140.5	125.9	101.9	82.3		...	...	
3115 Vegetable and animal oils and fats		-	-	-	-		-	-	-	-		...	...	
3116 Grain mill products		258.9	248.8	256.6	246.6		41.5	42.8	42.6	35.6		...	...	
3117 Bakery products		255.6	264.6	282.8	309.4		93.0	103.6	113.3	117.6		...	...	
3118 Sugar factories and refineries	a/	508.2	497.6	489.8	483.6	a/	277.9	231.8	279.2	309.5		...	...	
3119 Cocoa, chocolate and sugar confectionery	a/	...	...	...	...	a/	...	...	...	...		...	...	
3121 Other food products		299.0	254.2	295.7	264.8		65.6	69.6	70.7	76.3		...	...	
3122 Prepared animal feeds		-	-	-	-		-	-	-	-		...	...	
313 Beverages		3842.3	3681.1	3602.4	3700.6		1945.3	1444.7	1319.4	1612.2		...	...	
3131 Distilling, rectifying and blending spirits		205.9	231.4	233.2	201.0		337.6	307.9	301.2	309.8		...	...	
3132 Wine industries		-	-	-	-		-	-	-	-		...	...	
3133 Malt liquors and malt		87.9	81.8	78.1	69.8		79.4	74.2	70.1	72.7		...	...	
3134 Soft drinks and carbonated waters		3548.5	3367.9	3291.1	3429.8		1528.3	1062.6	948.1	1229.7		...	...	
314 Tobacco		343.5	341.4	305.4	375.0		136.3	145.2	133.7	137.9		...	...	
321 Textiles		102.5	113.6	100.5	101.1		40.4	45.9	44.2	42.9		...	...	
3211 Spinning, weaving and finishing textiles		...	...	...	...		...	...	...	...		...	...	
3212 Made-up textile goods excl. wearing apparel		...	...	...	...		...	...	...	...		...	...	
3213 Knitting mills		...	...	...	...		...	...	...	...		...	...	
3214 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	
3215 Cordage, rope and twine		...	...	...	...		...	...	...	...		...	...	
3219 Other textiles		...	...	...	...		...	...	...	...		...	...	
322 Wearing apparel, except footwear		1252.5	1369.1	1321.6	1180.2		623.6	645.3	622.2	593.4		...	...	
323 Leather and fur products	b/	500.7	522.8	517.1	470.9	b/	194.7	185.7	217.9	201.8		...	...	
3231 Tanneries and leather finishing		...	...	...	...		...	...	...	...		...	...	
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...	
3233 Leather prods. excl. wearing apparel		...	...	...	...		...	...	...	...		...	...	
324 Footwear, except rubber or plastic	b/	...	...	...	...	b/	...	...	...	...		...	...	
331 Wood products, except furniture	c/	216.6	236.3	258.8	246.6	c/	72.9	75.4	84.5	88.5		...	...	
3311 Sawmills, planing and other wood mills		...	...	...	...		...	...	...	...		...	...	
3312 Wooden and cane containers		...	...	...	...		...	...	...	...		...	...	
3319 Other wood and cork products		...	...	...	...		...	...	...	...		...	...	
332 Furniture and fixtures, excl. metal	c/	...	...	...	...	c/	...	...	...	...		...	...	
341 Paper and products		295.3	317.6	315.0	314.8		80.5	86.7	92.1	94.5		...	...	
3411 Pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...	
3412 Containers of paper and paperboard		...	...	...	...		...	...	...	...		...	...	
3419 Other pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...	
342 Printing and publishing		499.6	537.6	579.4	631.6		219.9	212.7	231.5	246.8		...	...	
351 Industrial chemicals		108.7	112.3	146.0	145.4		41.5	44.0	51.0	45.9		...	...	
3511 Basic chemicals excl. fertilizers		...	...	...	...		...	...	...	...		...	...	
3512 Fertilizers and pesticides		...	...	...	...		...	...	...	...		...	...	
3513 Synthetic resins and plastic materials		...	...	...	...		...	...	...	...		...	...	
352 Other chemicals		16366.0	16906.5	21809.0	32452.9		9626.2	10094.6	10943.5	13908.8		...	...	
3521 Paints, varnishes and lacquers		...	...	...	...		...	...	...	...		...	...	
3522 Drugs and medicines		14884.4	15434.1	20243.7	29997.2		...	...	...	...		...	...	
3523 Soap, cleaning preps., perfumes, cosmetics		...	...	...	...		...	...	...	...		...	...	
3529 Other chemical products		1481.6	1472.4	1565.3	2455.7		...	...	...	...		...	...	
353 Petroleum refineries		1318.7	1604.1	1454.1	1023.1	d/	135.7	108.5	48.6	124.5		...	...	



354 Misc. petroleum and coal products		179.4	196.4	210.3	231.1	d/	...	...	...	...	...	...
355 Rubber products	e/	711.1	788.8	875.3	872.8	e/	332.1	345.8	376.1	364.5	...	...
3551 Tyres and tubes		...	...	...	...		...	...	...	...	...	...
3559 Other rubber products		...	...	...	...		...	...	...	...	...	...
356 Plastic products	e/	...	...	...	...	e/	...	...	...	...	...	...
361 Pottery, china, earthenware	f/	395.8	466.0	523.6	544.9	g/	190.9	211.7	233.5	223.2	...	...
362 Glass and products	f/	...	...	...	...	g/	...	...	...	...	...	...
369 Other non-metallic mineral products		146.2	166.2	176.2	159.9	g/	...	...	...	...	...	...
3691 Structural clay products		...	...	...	...		...	...	...	...	...	...
3692 Cement, lime and plaster		...	...	...	...		...	...	...	...	...	...
3699 Other non-metallic mineral products		...	...	...	...		...	...	...	...	...	...
371 Iron and steel	h/	223.7	217.4	200.8	200.0	h/	58.5	55.2	54.5	51.6	...	...
372 Non-ferrous metals	h/	...	...	...	...	h/	...	...	...	...	...	...
381 Fabricated metal products		399.9	497.9	560.0	573.1		130.7	152.6	183.0	188.4	...	...
3811 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...	...	...
3812 Furniture and fixtures primarily of metal		...	...	...	...		...	...	...	...	...	...
3813 Structural metal products		...	...	...	...		...	...	...	...	...	...
3819 Other fabricated metal products		...	...	...	...		...	...	...	...	...	...
382 Non-electrical machinery		2312.9	3603.2	3923.1	4004.1		452.6	903.8	925.2	1042.7	...	...
3821 Engines and turbines		...	...	...	...		...	...	...	...	...	...
3822 Agricultural machinery and equipment		...	...	...	...		...	...	...	...	...	...
3823 Metal and wood working machinery		...	...	...	...		...	...	...	...	...	...
3824 Other special industrial machinery		...	...	...	...		...	...	...	...	...	...
3825 Office, computing and accounting machinery		...	...	...	...		...	...	...	...	...	...
3829 Other non-electrical machinery & equipment		...	...	...	...		...	...	...	...	...	...
383 Electrical machinery		5133.8	4717.5	4768.3	4682.3		1560.0	1490.0	1495.7	1478.5	...	...
3831 Electrical industrial machinery		...	...	...	...		...	...	...	...	...	...
3832 Radio, television and communication equipm.		...	...	...	...		...	...	...	...	...	...
3833 Electrical appliances and housewares		...	...	...	...		...	...	...	...	...	...
3839 Other electrical apparatus and supplies		...	...	...	...		...	...	...	...	...	...
384 Transport equipment		111.6	113.4	121.8	124.6		55.3	59.1	62.8	67.6	...	...
3841 Shipbuilding and repairing		...	...	...	...		...	...	...	...	...	...
3842 Railroad equipment		...	...	...	...		...	...	...	...	...	...
3843 Motor vehicles		...	...	...	...		...	...	...	...	...	...
3844 Motorcycles and bicycles		...	...	...	...		...	...	...	...	...	...
3845 Aircraft		...	...	...	...		...	...	...	...	...	...
3849 Other transport equipment		...	...	...	...		...	...	...	...	...	...
385 Professional and scientific equipment		2276.0	2743.1	2922.3	2913.6		1113.4	1360.6	1333.9	1596.2	...	...
3851 Prof. and scientific equipment n.e.c.		...	...	...	...		...	...	...	...	...	...
3852 Photographic and optical goods		...	...	...	...		...	...	...	...	...	...
3853 Watches and clocks		...	...	...	...		...	...	...	...	...	...
390 Other manufacturing industries		328.2	291.2	291.8	275.5		100.8	77.1	82.0	72.1	...	...
3901 Jewellery and related articles		...	...	...	...		...	...	...	...	...	...
3902 Musical instruments		...	...	...	...		...	...	...	...	...	...
3903 Sporting and athletic goods		...	...	...	...		...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.		...	...	...	...		...	...	...	...	...	...
3 Total manufacturing		39687.1	42104.8	47532.3	57755.4		17872.3	18466.8	19302.0	22961.4	...	...

a/ 3118 includes 3119.

b/ 323 includes 324.

c/ 331 includes 332.

d/ 353 includes 354.

e/ 355 includes 356.

f/ 361 includes 362.

g/ 361 includes 362 and 369.

h/ 371 includes 372.

Puerto Rico

ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
311/2 Food products		141	151	133	100	109	98	94	73	67	49	40	23
313 Beverages		48	67	92	100	92	78	55	55	49	44	37	34
314 Tobacco		...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	...	...	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		...	...	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		...	...	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		84	90	89	100	94	96	97	104	104	115	124	117
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

## REPUBLIC OF KOREA

**Source of information:**

National Statistical Office, Taejon.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.

**Basic source of data:**

Mining and manufacturing survey.

**Major deviations from ISIC (Revision 3):**

Data are collected under the national classification system which is compatible with ISIC (Rev. 3).

**Reference period (if not calendar year):****Scope:**

Establishments with 5 or more employees.

**Method of enumeration:**

The inquiry is carried out for large establishments through questionnaires and for small establishments through personal interviews. The surveyors visit all units.

**Adjusted for non-response:**

Not reported.

**Concepts and definitions of variables:**

Number of employees is not converted to full-time equivalent.

Wages and salaries includes all money payment and payment in kind paid or supplied by the employer during the reference period to all employees counted on the payroll.

Output is gross output measured as the total value of all goods produced and services rendered to others by the establishment during the year.

Value added is gross output minus cost of production.

Gross fixed capital formation is the value of fixed assets purchased or constructed by the unit's own labour force for its own use during the reference year. The value of corresponding sales is not subtracted from it. Transactions in fixed assets include land, buildings, other construction and land improvements, transport equipment, machinery and other equipment.

**Related national publications:**

Report on the Mining and Manufacturing Survey, published by the National Statistical Office, Taejon.

## Republic of Korea

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(billion WON)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		1901	1931	1907	1784		62.9	61.5	60.7	56.2		577.7	624.6	638.2	585.2
1511 Processing/preserving of meat		395	407	431	420		19.1	19.8	20.4	18.4		201.0	233.0	250.5	214.0
1512 Processing/preserving of fish		954	961	919	853		28.9	28.9	26.8	25.7		236.2	255.7	246.0	238.3
1513 Processing/preserving of fruit & vegetables		475	487	484	433		11.9	10.3	11.2	9.7		97.3	95.2	103.2	93.9
1514 Vegetable and animal oils and fats		77	76	73	78		3.0	2.6	2.3	2.4		43.3	40.7	38.5	39.0
1520 Dairy products		118	113	103	100		15.2	14.0	13.4	10.7		200.7	229.6	234.4	192.3
153 Grain mill products; starches; animal feeds		869	910	972	953		20.5	20.5	19.2	18.9		280.5	317.0	327.7	285.7
1531 Grain mill products		601	632	689	671		9.1	9.3	9.0	9.1		107.1	121.6	128.7	122.5
1532 Starches and starch products		87	94	95	86		2.7	2.9	2.3	2.4		38.5	45.3	43.5	40.3
1533 Prepared animal feeds		181	184	188	196		8.7	8.3	7.9	7.4		134.9	150.1	155.5	122.9
154 Other food products		2847	2787	2714	2561		79.6	75.0	68.5	63.4		802.6	856.9	842.8	777.2
1541 Bakery products		486	489	510	484		24.3	24.3	22.0	19.6		266.5	291.1	283.8	247.7
1542 Sugar		4	4	4	6		0.6	0.5	0.6	0.8		13.6	16.5	13.3	21.4
1543 Cocoa, chocolate and sugar confectionery		89	91	97	98		5.5	5.8	5.2	4.8		58.6	72.7	69.3	63.6
1544 Macaroni, noodles & similar products		178	180	168	156		9.9	9.6	9.3	8.6		102.1	111.9	123.2	117.3
1549 Other food products n.e.c.		2090	2023	1935	1817		39.3	34.7	31.4	29.5		361.9	364.7	353.2	327.1
155 Beverages		513	498	470	426		21.5	20.2	18.6	15.0		288.6	306.8	305.2	243.9
1551 Distilling, rectifying & blending of spirits		43	38	35	39		4.8	4.2	3.9	3.1		68.8	67.4	65.0	53.5
1552 Wines		211	190	176	154		2.7	2.6	2.3	2.0		33.4	37.5	39.3	27.5
1553 Malt liquors and malt		17	16	15	9		3.2	2.9	2.9	1.8		52.7	54.3	56.0	37.7
1554 Soft drinks; mineral waters		242	254	244	224		10.8	10.5	9.6	8.0		133.7	147.7	144.8	125.2
1600 Tobacco products		16	16	14	14		5.0	4.9	4.3	3.8		104.5	130.0	114.3	96.2
171 Spinning, weaving and finishing of textiles		5314	5108	4764	4352		199.7	177.9	160.1	137.7		2229.1	2171.1	2090.8	1721.4
1711 Textile fibre preparation; textile weaving		3785	3634	3298	2929		130.7	116.0	104.2	88.6		1397.1	1378.5	1332.6	1062.1
1712 Finishing of textiles		1529	1474	1466	1423		69.1	61.9	55.9	49.1		832.1	792.6	758.1	659.4
172 Other textiles		2572	2509	2374	2026		44.7	42.6	38.3	36.5		472.6	500.9	465.2	434.8
1721 Made-up textile articles, except apparel		1604	1596	1464	1200		26.8	26.0	22.6	21.8		276.0	298.6	261.5	242.8
1722 Carpets and rugs		48	44	38	32		1.2	1.1	1.1	0.8		11.7	13.6	15.3	10.0
1723 Cordage, rope, twine and netting		268	268	259	243		5.4	4.9	4.5	4.0		55.0	57.8	56.1	47.7
1729 Other textiles n.e.c.		652	601	613	551		11.4	10.6	10.1	9.9		129.9	130.8	132.3	134.3
1730 Knitted and crocheted fabrics and articles		1854	1854	1816	1725		26.4	27.0	25.4	27.1		261.5	304.2	301.5	322.7
1810 Wearing apparel, except fur apparel		8545	8514	8109	6676		185.6	167.2	151.5	121.4		1793.0	1761.4	1671.1	1241.9
1820 Dressing & dyeing of fur; processing of fur		187	177	134	105		3.8	3.9	2.4	1.9		48.5	54.9	33.6	25.9
191 Tanning, dressing and processing of leather		1218	1153	1060	893		24.9	22.9	19.5	17.8		285.5	300.6	266.7	235.4
1911 Tanning and dressing of leather		326	308	335	279		12.7	11.7	10.9	9.5		156.7	164.2	162.0	128.3
1912 Luggage, handbags, etc.; saddlery & harness		892	845	725	614		12.2	11.3	8.5	8.3		128.8	136.4	104.6	107.2
1920 Footwear		1809	1769	1559	1391		53.5	43.7	34.3	30.3		496.1	466.8	374.9	318.4
2010 Sawmilling and planing of wood		1202	1123	934	726		13.4	12.1	9.0	6.6		153.6	154.1	119.6	78.6
202 Products of wood, cork, straw, etc.		1288	1269	1122	951		24.7	23.0	20.3	15.9		294.0	316.2	298.8	211.9
2021 Veneer sheets, plywood, particle board, etc.		223	215	187	163		9.3	8.8	7.6	5.9		124.8	139.2	129.8	83.5
2022 Builders' carpentry and joinery		384	373	315	245		7.2	6.3	5.3	4.1		81.8	84.5	75.5	59.8
2023 Wooden containers		226	238	247	230		3.6	3.3	3.6	3.3		43.0	44.1	51.1	42.3
2029 Other wood products; articles of cork/straw		455	443	373	313		4.6	4.6	3.8	2.6		44.5	48.4	42.3	26.4
210 Paper and paper products		2671	2713	2639	2300		66.9	64.9	60.4	51.1		885.5	958.0	969.2	792.7
2101 Pulp, paper and paperboard		394	382	362	347		24.3	22.8	21.5	18.6		393.7	408.5	418.0	351.7
2102 Corrugated paper and paperboard		1377	1397	1323	1134		24.2	23.6	21.5	18.0		277.9	306.2	294.9	236.6
2109 Other articles of paper and paperboard		900	934	954	819		18.4	18.5	17.4	14.6		213.9	243.2	256.3	204.4
221 Publishing		1320	1352	1293	1186		50.1	49.3	48.1	38.5		797.4	888.9	902.4	656.7
2211 Publishing of books and other publications		630	646	597	565		16.9	16.6	16.7	13.7		229.6	246.7	264.6	212.6
2212 Publishing of newspapers, journals, etc.		530	544	547	490		27.9	27.7	26.6	22.1		484.5	555.4	547.9	397.9
2213 Publishing of recorded media		42	43	38	28		1.0	1.0	0.6	0.5		12.2	12.1	10.2	6.3
2219 Other publishing		118	119	111	103		4.3	4.0	4.1	2.2		71.1	74.6	79.7	39.9

222	Printing and related service activities	3423	3370	3139	2709	37.4	37.5	34.1	28.1	433.7	485.7	470.4	366.8
2221	Printing	2580	2589	2470	2120	27.2	27.5	26.1	21.2	321.1	363.6	367.6	279.4
2222	Service activities related to printing	843	781	669	589	10.2	10.1	7.9	6.9	112.6	..	..	87.4
2230	Reproduction of recorded media	76	74	70	67	2.0	1.9	2.0	1.4	23.8	26.1	27.6	21.7
2310	Coke oven products	6	8	6	4	0.2	0.2	0.1	-	3.9	4.2	1.4	1.0
2320	Refined petroleum products	63	62	54	50	11.7	11.4	11.7	11.4	247.9	301.0	334.9	323.1
2330	Processing of nuclear fuel	1	1	1	1	0.5	0.6	0.6	0.6	6.4	12.8	13.5	14.7
241	Basic chemicals	1197	1050	942	1047	52.5	50.8	48.6	48.9	969.2	1037.5	1064.6	1096.8
2411	Basic chemicals, except fertilizers	505	518	502	501	26.1	26.3	24.9	25.9	485.2	561.8	558.7	580.6
2412	Fertilizers and nitrogen compounds	181	207	218	210	5.3	5.8	4.6	4.5	99.3	103.2	86.7	80.7
2413	Plastics in primary forms; synthetic rubber	511	325	222	336	21.1	18.7	19.1	18.5	384.8	372.5	419.2	435.5
242	Other chemicals	1488	1578	1613	1562	78.0	80.7	78.7	71.7	1086.7	1304.1	1326.8	1148.7
2421	Pesticides and other agro-chemical products	57	62	65	61	3.4	3.4	3.4	3.1	46.5	51.1	54.3	43.7
2422	Paints, varnishes, printing ink and mastics	210	231	243	227	11.7	11.4	10.7	9.4	172.8	198.4	191.2	152.8
2423	Pharmaceuticals, medicinal chemicals, etc.	348	341	357	344	29.4	29.5	28.5	26.4	394.4	460.3	461.5	407.3
2424	Soap, cleaning & cosmetic preparations	286	311	310	305	14.0	16.8	16.7	14.8	182.2	266.5	282.6	231.5
2429	Other chemical products n.e.c.	587	633	638	625	19.4	19.6	19.5	17.9	290.8	327.7	337.3	313.3
2430	Man-made fibres	111	44	108	85	21.5	17.7	16.4	13.6	399.0	399.2	378.2	328.6
251	Rubber products	858	897	858	814	34.9	34.7	33.1	31.8	467.5	525.7	559.4	493.2
2511	Rubber tyres and tubes	89	82	77	57	15.6	15.3	14.4	13.6	242.9	275.7	296.5	263.2
2519	Other rubber products	769	815	781	757	19.3	19.4	18.7	18.1	224.6	250.0	262.9	230.1
2520	Plastic products	4813	5122	4961	4325	102.1	104.0	96.7	87.6	1230.1	1410.0	1346.5	1183.8
2610	Glass and glass products	599	646	620	510	25.6	25.5	22.7	18.3	408.5	449.1	423.2	335.9
269	Non-metallic mineral products n.e.c.	4110	3913	3564	2868	103.0	96.8	86.4	63.9	1386.6	1445.1	1361.3	974.2
2691	Pottery, china and earthenware	664	570	486	353	14.6	13.3	11.3	7.8	145.2	147.7	138.2	87.3
2692	Refractory ceramic products	94	90	81	74	4.9	4.4	3.8	3.1	69.2	73.7	66.9	55.3
2693	Struct.non-refractory clay; ceramic products	215	190	172	107	9.3	7.9	7.3	4.2	97.1	91.8	89.6	50.3
2694	Cement, lime and plaster	97	85	80	70	9.8	9.2	8.7	6.7	211.4	206.3	200.7	154.3
2695	Articles of concrete, cement and plaster	1752	1715	1602	1373	45.9	44.4	38.5	29.8	628.6	674.9	615.0	449.0
2696	Cutting, shaping & finishing of stone	821	776	686	486	9.2	8.1	7.6	4.6	110.2	111.8	109.4	64.7
2699	Other non-metallic mineral products n.e.c.	467	487	457	405	9.4	9.5	9.1	7.7	124.9	138.9	141.6	113.3
2710	Basic iron and steel	911	903	848	898	76.2	74.5	70.3	64.5	1303.0	1462.3	1413.2	1250.0
2720	Basic precious and non-ferrous metals	708	704	685	581	31.2	27.2	25.4	21.8	457.9	437.8	432.1	338.0
273	Casting of metals	456	469	459	429	13.8	14.1	13.1	11.7	193.5	217.8	211.3	171.1
2731	Casting of iron and steel	334	347	336	312	12.0	12.4	11.1	9.8	170.8	193.6	183.9	146.8
2732	Casting of non-ferrous metals	122	122	123	117	1.8	1.8	2.0	1.9	22.7	24.2	27.4	24.3
281	Struct.metal products;tanks;steam generators	3365	3734	3599	2760	72.7	79.0	71.1	57.4	1079.9	1306.1	1232.9	957.1
2811	Structural metal products	2847	3176	3126	2394	59.9	67.3	61.8	48.7	893.5	1114.1	1085.9	813.0
2812	Tanks, reservoirs and containers of metal	467	508	432	332	8.6	8.8	8.0	6.4	117.4	133.2	124.6	94.8
2813	Steam generators	51	50	41	34	4.2	2.8	1.3	2.4	68.9	58.9	22.4	49.3
289	Other metal products; metal working services	6251	6392	6316	5278	115.4	116.2	105.2	91.9	1391.6	1586.6	1507.0	1222.2
2891	Metal forging/pressing/stamping/roll-forming	956	937	938	792	19.1	17.5	16.3	14.6	239.7	249.1	241.2	188.3
2892	Treatment & coating of metals	2174	2317	2396	2045	30.2	32.4	30.1	26.2	378.4	449.1	438.3	350.8
2893	Cutlery, hand tools and general hardware	1015	1024	991	813	22.3	23.2	20.6	17.9	247.0	298.3	277.6	228.0
2899	Other fabricated metal products n.e.c.	2106	2114	1991	1628	43.8	43.1	38.3	33.2	526.5	590.1	549.9	455.2
291	General purpose machinery	4857	5156	4852	4051	122.4	127.3	120.2	92.5	1690.5	1964.2	2010.1	1406.7
2911	Engines & turbines(not for transport equip.)	203	242	231	212	4.7	4.9	5.5	4.1	70.5	74.0	74.0	67.7
2912	Pumps, compressors, taps and valves	1041	1068	1052	940	26.9	26.2	26.2	22.1	349.7	386.0	397.4	327.2
2913	Bearings, gears, gearing & driving elements	523	506	496	412	12.6	12.4	11.7	9.3	162.8	197.3	178.2	119.1
2914	Ovens, furnaces and furnace burners	190	196	196	157	3.8	3.6	3.6	2.3	51.0	55.3	61.0	34.3
2915	Lifting and handling equipment	1106	1109	988	718	24.8	25.9	22.3	15.8	350.0	405.3	387.4	247.7
2919	Other general purpose machinery	1794	2035	1889	1612	49.5	54.3	51.0	38.8	706.3	846.4	875.6	610.6
292	Special purpose machinery	6389	6714	6422	5411	130.3	133.9	125.6	102.1	1837.9	2157.8	2154.2	1660.1
2921	Agricultural and forestry machinery	494	513	483	407	11.4	13.9	11.1	11.2	144.7	216.8	215.8	177.0
2922	Machine tools	1336	1267	1142	899	25.4	22.5	22.1	16.4	337.9	346.9	388.1	271.1
2923	Machinery for metallurgy	52	68	66	44	1.1	1.0	0.9	0.5	15.5	15.5	15.5	7.0
2924	Machinery for mining & construction	421	463	424	330	14.6	17.0	17.7	10.9	250.4	325.4	368.8	230.0
2925	Food/beverage/tobacco processing machinery	228	267	262	230	3.5	3.9	3.4	2.8	47.1	56.1	50.7	38.1
2926	Machinery for textile, apparel and leather	661	616	567	472	11.9	10.2	9.4	7.3	154.2	146.7	139.7	104.3
2927	Weapons and ammunition	18	13	16	14	0.5	0.1	0.1	0.1	6.1	1.4	1.6	1.7
2929	Other special purpose machinery	3179	3507	3462	3015	62.0	65.3	60.9	53.0	882.0	1049.1	1014.0	830.8
2930	Domestic appliances n.e.c.	1162	1046	978	789	38.5	34.4	34.2	28.7	464.4	478.3	466.0	417.4

continued

Republic of Korea

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(billion WON)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		657	620	604	571		31.8	31.4	53.9	41.4		394.6	420.7	910.3	667.5
3110 Electric motors, generators and transformers		1157	1199	1122	1032		36.2	37.5	34.3	32.7		420.8	509.7	501.2	447.6
3120 Electricity distribution & control apparatus		1556	1604	1487	1243		40.0	40.6	37.0	28.5		501.6	569.3	554.9	390.7
3130 Insulated wire and cable		451	475	431	386		17.0	20.9	17.9	15.8		241.5	348.1	297.5	228.0
3140 Accumulators, primary cells and batteries		41	45	50	53		5.1	5.1	4.9	4.9		71.4	82.5	92.1	76.6
3150 Lighting equipment and electric lamps		749	775	684	594		14.4	14.3	12.6	11.4		159.8	164.2	158.9	141.1
3190 Other electrical equipment n.e.c.		588	576	611	503		17.6	18.1	17.6	13.4		188.4	219.6	230.0	169.0
3210 Electronic valves, tubes, etc.		1383	1441	1329	1109		135.0	138.0	138.9	138.4		1930.2	2193.7	2245.7	2396.4
3220 TV/radio transmitters; line comm. apparatus		667	726	732	732		31.8	36.1	39.2	38.6		430.7	513.7	557.8	605.3
3230 TV and radio receivers and associated goods		1496	1406	1177	988		102.6	95.1	60.6	42.6		1157.6	1373.7	845.2	552.8
331 Medical, measuring, testing appliances, etc.		1121	1140	1140	1100		28.2	29.0	27.0	25.0		339.2	392.5	386.0	342.0
3311 Medical, surgical and orthopaedic equipment		284	252	262	279		7.0	6.5	6.3	6.9		75.7	77.3	77.3	84.6
3312 Measuring/testing/navigating appliances, etc.		657	692	673	639		15.8	16.7	15.3	13.7		181.4	216.8	217.5	185.8
3313 Industrial process control equipment		180	196	205	182		5.4	5.8	5.4	4.5		82.1	98.4	91.2	71.6
3320 Optical instruments & photographic equipment		581	600	602	505		14.0	14.2	14.2	10.7		156.4	171.8	198.5	130.2
3330 Watches and clocks		280	260	229	174		6.4	5.2	4.2	4.1		72.1	61.1	56.4	55.9
3410 Motor vehicles		60	62	51	73		93.1	102.9	98.1	88.0		2002.6	2497.2	2454.7	2047.9
3420 Automobile bodies, trailers & semi-trailers		204	113	103	105		8.8	6.7	4.9	4.6		139.9	133.8	75.7	71.0
3430 Parts/accessories for automobiles		2806	3187	2929	2426		116.3	123.9	118.8	94.2		1586.7	1906.4	1920.3	1395.1
351 Building and repairing of ships and boats		609	670	648	634		73.1	75.1	75.5	68.7		1512.0	1834.4	1749.1	1697.7
3511 Building and repairing of ships		602	664	642	629		72.9	75.1	75.3	68.5		1510.3	1833.4	1747.4	1695.2
3512 Building/repairing of pleasure/sport. boats		7	6	6	5		0.2	0.1	0.2	0.2		1.7	1.0	1.7	2.5
3520 Railway/tramway locomotives & rolling stock		143	143	127	124		6.5	5.7	8.8	8.7		101.8	90.9	173.1	181.4
3530 Aircraft and spacecraft		39	40	40	41		5.0	5.1	6.1	6.9		111.1	131.7	131.9	174.5
359 Transport equipment n.e.c.		163	192	175	137		5.1	6.3	4.7	4.2		61.4	85.4	67.4	54.1
3591 Motorcycles		78	97	100	75		3.1	4.3	3.1	2.8		39.3	60.1	45.9	37.1
3592 Bicycles and invalid carriages		45	45	37	41		1.6	1.3	1.1	1.1		17.8	17.7	14.7	12.6
3599 Other transport equipment n.e.c.		40	50	38	21		0.4	0.6	0.5	0.3		4.3	7.6	6.8	4.4
3610 Furniture		3314	3173	2749	2017		52.9	49.2	40.5	29.8		605.9	635.0	565.8	377.1
369 Manufacturing n.e.c.		2869	2823	2774	2294		54.0	50.1	45.4	40.8		581.4	604.3	578.3	508.9
3691 Jewellery and related articles		236	207	197	173		3.1	3.0	2.3	2.4		29.9	36.1	26.0	25.8
3692 Musical instruments		167	180	171	146		9.9	9.6	7.8	7.6		128.1	140.1	111.7	113.5
3693 Sports goods		498	481	481	390		11.2	10.4	9.4	8.3		113.8	120.5	115.4	100.5
3694 Games and toys		398	373	352	298		6.0	5.4	5.1	4.3		61.8	61.3	63.6	51.9
3699 Other manufacturing n.e.c.		1570	1582	1573	1287		23.7	21.7	20.9	18.3		247.7	246.4	261.6	217.3
3710 Recycling of metal waste and scrap		81	98	107	111		1.2	1.6	1.6	1.6		14.7	22.5	27.0	24.7
3720 Recycling of non-metal waste and scrap		99	97	158	184		0.9	1.2	1.7	2.2		9.2	13.8	20.5	26.4
D Total manufacturing		96202	97144	92138	79544		2865.2	2812.1	2618.8	2258.4		37844.4	42329.2	41489.2	34693.7

## Republic of Korea

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation			
	Note	(billion WON)				Note	(billion WON)				(billion WON)	
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		5760	5911	6151	...	2280	2294	2204	...	346	409	
1511 Processing/preserving of meat		2248	2605	2850	...	918	948	983	...	184	234	
1512 Processing/preserving of fish		1850	1883	1841	...	767	808	718	...	91	98	
1513 Processing/preserving of fruit & vegetables		800	713	739	...	340	304	326	...	49	37	
1514 Vegetable and animal oils and fats		862	710	721	...	255	234	176	...	21	40	
1520 Dairy products		3319	3518	3520	...	1337	1324	1407	...	170	134	
153 Grain mill products; starches; animal feeds		5954	7516	8351	...	1673	1977	2181	...	338	448	
1531 Grain mill products		2193	2683	3053	...	513	584	679	...	128	217	
1532 Starches and starch products		544	627	709	...	218	235	268	...	47	90	
1533 Prepared animal feeds		3216	4206	4589	...	942	1158	1233	...	162	141	
154 Other food products		7103	7866	8399	...	3383	3967	4152	...	668	756	
1541 Bakery products		1668	1797	1905	...	971	1056	1014	...	220	173	
1542 Sugar		419	447	423	...	120	162	139	...	22	59	
1543 Cocoa, chocolate and sugar confectionery		726	889	894	...	365	471	478	...	73	185	
1544 Macaroni, noodles & similar products		1003	1155	1340	...	448	540	701	...	125	87	
1549 Other food products n.e.c.		3286	3579	3837	...	1479	1739	1821	...	228	253	
155 Beverages		4295	5047	5005	...	2212	2848	2642	...	1172	998	
1551 Distilling, rectifying & blending of spirits		1095	1232	1278	...	514	603	631	...	122	97	
1552 Wines		226	237	277	...	158	163	184	...	14	14	
1553 Malt liquors and malt		996	1136	1088	...	580	713	673	...	448	458	
1554 Soft drinks; mineral waters		1978	2441	2361	...	960	1369	1155	...	587	429	
1600 Tobacco products		3379	4049	4195	...	2527	3051	3012	...	63	143	
171 Spinning, weaving and finishing of textiles		14758	14635	15565	...	6683	6505	6626	...	906	1536	
1711 Textile fibre preparation; textile weaving		10220	10325	11186	...	4419	4354	4451	...	663	1336	
1712 Finishing of textiles		4537	4310	4379	...	2264	2151	2175	...	243	199	
172 Other textiles		3272	3387	3307	...	1416	1487	1398	...	255	302	
1721 Made-up textile articles, except apparel		1915	2025	1922	...	814	847	779	...	121	127	
1722 Carpets and rugs		90	111	110	...	42	56	46	...	15	13	
1723 Cordage, rope, twine and netting		301	315	312	...	148	159	149	...	16	21	
1729 Other textiles n.e.c.		966	936	962	...	411	425	424	...	103	141	
1730 Knitted and crocheted fabrics and articles		1735	2316	2442	...	722	1075	910	...	77	121	
1810 Wearing apparel, except fur apparel		10392	9841	9963	...	5104	4989	4946	...	307	173	
1820 Dressing & dyeing of fur; processing of fur		421	535	351	...	146	206	141	...	7	3	
191 Tanning, dressing and processing of leather		2883	2863	2853	...	965	927	836	...	60	61	
1911 Tanning and dressing of leather		1921	1889	1959	...	578	533	513	...	48	46	
1912 Luggage, handbags, etc.; saddlery & harness		962	975	895	...	387	394	323	...	12	15	
1920 Footwear		2558	2683	2255	...	1196	1393	1079	...	86	57	
2010 Sawmilling and planing of wood		1185	1215	1000	...	492	529	384	...	33	26	
202 Products of wood, cork, straw, etc.		1936	2057	2320	...	806	837	960	...	195	275	
2021 Veneer sheets, plywood, particle board, etc.		948	1021	1246	...	375	359	488	...	132	251	
2022 Builders' carpentry and joinery		516	560	545	...	216	250	228	...	44	9	
2023 Wooden containers		270	261	325	...	108	113	133	...	13	9	
2029 Other wood products; articles of cork/straw		202	214	204	...	107	116	112	...	6	6	
210 Paper and paper products		9615	9934	10247	...	3669	4040	4104	...	1942	1672	
2101 Pulp, paper and paperboard		5258	5209	5408	...	2063	2104	2185	...	1423	1085	
2102 Corrugated paper and paperboard		2641	2584	2501	...	946	995	969	...	270	208	
2109 Other articles of paper and paperboard		1716	2142	2338	...	660	940	950	...	248	379	
221 Publishing		4673	5529	5132	...	2965	3398	3142	...	298	594	
2211 Publishing of books and other publications		1477	1617	1805	...	903	923	1028	...	62	92	
2212 Publishing of newspapers, journals, etc.		2783	3412	2894	...	1811	2135	1825	...	218	445	
2213 Publishing of recorded media		62	94	67	...	36	63	35	...	2	6	
2219 Other publishing		351	407	365	...	215	277	255	...	15	51	

continued

## Republic of Korea

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation			
	Note	(billion WON)				Note	(billion WON)				(billion WON)	
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
222 Printing and related service activities		2012	2353	2509	...	1090	1283	1322	...	176	141	
2221 Printing		1616	1941	2134	...	835	1010	1078	...	136	88	
2222 Service activities related to printing		397	412	375	...	255	274	244	...	40	53	
2230 Reproduction of recorded media		189	222	225	...	107	112	115	...	17	15	
2310 Coke oven products		23	31	30	...	8	18	24	...	10	-	
2320 Refined petroleum products		16331	20956	27902	...	5329	5059	7958	...	2763	1677	
2330 Processing of nuclear fuel		62	59	106	...	46	32	59	...	50	24	
241 Basic chemicals		17387	17890	21566	...	6939	7174	7975	...	5992	6434	
2411 Basic chemicals, except fertilizers		8526	8770	10173	...	3391	3839	3919	...	2333	3317	
2412 Fertilizers and nitrogen compounds		1113	1154	1142	...	418	500	537	...	142	238	
2413 Plastics in primary forms; synthetic rubber		7748	7966	10250	...	3130	2836	3519	...	3517	2880	
242 Other chemicals		11649	13813	15117	...	6099	7145	7847	...	1174	1173	
2421 Pesticides and other agro-chemical products		838	764	929	...	377	326	382	...	40	34	
2422 Paints, varnishes, printing ink and mastics		1776	2037	2031	...	724	785	728	...	179	89	
2423 Pharmaceuticals, medicinal chemicals, etc.		3983	4576	4929	...	2394	2802	3033	...	315	402	
2424 Soap, cleaning & cosmetic preparations		2490	3483	3991	...	1458	1793	2294	...	207	271	
2429 Other chemical products n.e.c.		2562	2954	3238	...	1146	1439	1411	...	432	376	
2430 Man-made fibres		4482	4211	4999	...	1815	1770	1967	...	529	771	
251 Rubber products		3508	4024	4046	...	1672	2039	1899	...	435	392	
2511 Rubber tyres and tubes		2168	2507	2419	...	998	1274	1071	...	341	238	
2519 Other rubber products		1340	1517	1627	...	674	765	828	...	94	154	
2520 Plastic products		10561	10872	11176	...	4610	4640	4712	...	1086	835	
2610 Glass and glass products		2745	2994	3029	...	1653	1727	1689	...	582	524	
269 Non-metallic mineral products n.e.c.		12546	13416	14005	...	6054	6285	6314	...	1376	2052	
2691 Pottery, china and earthenware		541	561	528	...	353	364	340	...	37	37	
2692 Refractory ceramic products		546	559	576	...	271	267	264	...	42	53	
2693 Struct.non-refractory clay; ceramic products		431	452	488	...	257	274	285	...	72	56	
2694 Cement, lime and plaster		3075	2744	2902	...	1729	1500	1475	...	554	1269	
2695 Articles of concrete, cement and plaster		6301	7234	7496	...	2588	2927	2975	...	533	538	
2696 Cutting, shaping & finishing of stone		682	698	745	...	367	381	388	...	41	20	
2699 Other non-metallic mineral products n.e.c.		970	1166	1270	...	489	573	587	...	96	78	
2710 Basic iron and steel		22876	24602	26221	...	8341	8553	8768	...	6787	3727	
2720 Basic precious and non-ferrous metals		7016	6619	7700	...	2038	1740	1911	...	533	1090	
273 Casting of metals		1116	1307	1283	...	542	650	581	...	88	82	
2731 Casting of iron and steel		893	1065	1024	...	463	564	492	...	72	70	
2732 Casting of non-ferrous metals		223	242	258	...	79	86	89	...	16	13	
281 Struct.metall products;tanks;steam generators		8681	11110	10970	...	3389	4964	4639	...	784	593	
2811 Structural metal products		7318	9728	9944	...	2863	4395	4187	...	691	493	
2812 Tanks, reservoirs and containers of metal		775	954	851	...	331	428	375	...	72	56	
2813 Steam generators		589	428	175	...	195	141	76	...	21	44	
289 Other metal products; metal working services		8276	9077	9002	...	4065	4534	4366	...	727	547	
2891 Metal forging/pressing/stamping/roll-forming		1545	1563	1647	...	686	693	709	...	152	93	
2892 Treatment & coating of metals		1465	1680	1708	...	930	1064	1055	...	141	93	
2893 Cutlery, hand tools and general hardware		1437	1701	1615	...	710	856	786	...	97	65	
2899 Other fabricated metal products n.e.c.		3830	4133	4032	...	1739	1922	1816	...	338	295	
291 General purpose machinery		13455	15522	15585	...	5794	6795	6392	...	1217	900	
2911 Engines & turbines(not for transport equip.)		450	476	876	...	200	220	372	...	39	34	
2912 Pumps, compressors, taps and valves		2348	2654	2614	...	1096	1252	1130	...	281	114	
2913 Bearings, gears, gearing & driving elements		1014	1254	1124	...	513	624	542	...	100	265	
2914 Ovens, furnaces and furnace burners		332	368	356	...	136	160	149	...	16	8	
2915 Lifting and handling equipment		2911	3457	3289	...	1162	1402	1357	...	144	111	
2919 Other general purpose machinery		6398	7313	7326	...	2687	3137	2842	...	637	368	



292	Special purpose machinery	13282	14735	15131	...	5576	6386	6379	...	1306	1361
2921	Agricultural and forestry machinery	1271	1762	1585	...	539	724	674	...	77	102
2922	Machine tools	2208	2146	2531	...	978	1069	1026	...	137	115
2923	Machinery for metallurgy	91	104	109	...	41	47	46	...	5	2
2924	Machinery for mining & construction	2487	2682	3111	...	928	1044	1191	...	522	610
2925	Food/beverage/tobacco processing machinery	283	325	302	...	124	151	142	...	13	9
2926	Machinery for textile, apparel and leather	1143	907	955	...	474	423	428	...	58	36
2927	Weapons and ammunition	23	5	6	...	10	3	4	...	-	-
2929	Other special purpose machinery	5777	6805	6532	...	2481	2925	2868	...	493	484
2930	Domestic appliances n.e.c.	4187	4294	5571	...	1520	1585	1995	...	371	251
3000	Office, accounting and computing machinery	5264	6118	13313	...	1635	2117	4266	...	450	514
3110	Electric motors, generators and transformers	3113	3857	3736	...	1256	1512	1497	...	200	273
3120	Electricity distribution & control apparatus	3619	4287	4170	...	1537	1863	1766	...	252	293
3130	Insulated wire and cable	3002	4775	4100	...	1034	1527	1345	...	313	253
3140	Accumulators, primary cells and batteries	540	657	856	...	232	265	352	...	95	88
3150	Lighting equipment and electric lamps	956	1075	1054	...	463	506	488	...	100	55
3190	Other electrical equipment n.e.c.	1325	1584	1711	...	560	725	733	...	125	67
3210	Electronic valves, tubes, etc.	24897	24551	24422	...	17090	16454	13988	...	6435	8834
3220	TV/radio transmitters; line comm. apparatus	4628	6511	11866	...	1848	2811	5562	...	561	417
3230	TV and radio receivers and associated goods	16366	16118	8684	...	6055	6977	3463	...	573	302
331	Medical, measuring, testing appliances, etc.	2376	2659	2798	...	1053	1189	1219	...	144	192
3311	Medical, surgical and orthopaedic equipment	425	415	534	...	246	222	289	...	37	80
3312	Measuring/testing/navigating appliances, etc.	1232	1440	1562	...	527	618	650	...	86	103
3313	Industrial process control equipment	720	804	701	...	279	349	281	...	22	9
3320	Optical instruments & photographic equipment	939	1044	1508	...	475	509	672	...	902	696
3330	Watches and clocks	492	437	498	...	221	208	163	...	12	8
3410	Motor vehicles	22161	25558	29084	...	7763	8800	11719	...	5051	5388
3420	Automobile bodies, trailers & semi-trailers	1425	1267	714	...	448	416	283	...	78	41
3430	Parts/accessories for automobiles	11503	14030	14384	...	4871	5841	5788	...	1895	1722
351	Building and repairing of ships and boats	9199	10539	13741	...	4094	4628	5912	...	1503	2426
3511	Building and repairing of ships	9190	10534	13730	...	4091	4625	5905	...	1503	2426
3512	Building/repairing of pleasure/sport. boats	9	5	11	...	3	2	7	...	-	-
3520	Railway/tramway locomotives & rolling stock	617	738	1594	...	244	203	713	...	154	314
3530	Aircraft and spacecraft	565	660	984	...	339	314	357	...	170	805
359	Transport equipment n.e.c.	652	682	678	...	263	256	242	...	30	46
3591	Motorcycles	497	518	511	...	201	196	180	...	26	36
3592	Bicycles and invalid carriages	122	117	117	...	46	39	40	...	2	3
3599	Other transport equipment n.e.c.	33	47	50	...	16	20	22	...	2	7
3610	Furniture	3636	3844	3698	...	1798	1872	1706	...	182	148
369	Manufacturing n.e.c.	3468	3435	3402	...	1783	1679	1587	...	181	228
3691	Jewellery and related articles	186	228	155	...	96	90	65	...	4	7
3692	Musical instruments	715	584	516	...	424	305	268	...	10	96
3693	Sports goods	675	759	771	...	323	353	346	...	27	20
3694	Games and toys	392	374	433	...	200	192	203	...	23	15
3699	Other manufacturing n.e.c.	1500	1491	1528	...	740	738	705	...	118	90
3710	Recycling of metal waste and scrap	396	438	544	...	92	160	156	...	34	19
3720	Recycling of non-metal waste and scrap	58	76	128	...	29	43	70	...	34	34
D	Total manufacturing	364821	401953	434895	...	159448	174215	181085	...	52400	53459

Republic of Korea

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		79	88	94	100	109	111	113	122	123	129	127	115
16	Tobacco products		90	94	94	100	101	105	107	102	99	106	108	113
17	Textiles		101	104	101	100	98	95	86	86	84	78	72	65
18	Wearing apparel, fur		110	109	103	100	95	86	73	77	79	80	63	45
19	Leather, leather products and footwear		110	108	93	100	93	87	66	56	47	41	34	24
20	Wood products (excl. furniture)		93	94	96	100	108	103	86	88	87	87	88	55
21	Paper and paper products		80	90	95	100	104	110	119	134	143	151	157	138
22	Printing and publishing		71	78	92	100	103	115	111	121	140	139	133	109
23	Coke, refined petroleum products, nuclear fuel		69	81	94	100	129	164	179	184	208	244	297	266
24	Chemicals and chemical products		64	80	87	100	116	138	152	165	176	197	221	214
25	Rubber and plastics products		84	98	96	100	108	115	120	130	136	144	147	116
26	Non-metallic mineral products		74	84	93	100	116	124	125	134	142	151	153	118
27	Basic metals		76	82	89	100	111	116	129	140	154	163	172	151
28	Fabricated metal products		88	91	93	100	108	103	102	118	134	140	136	108
29	Machinery and equipment n.e.c.		76	89	90	100	111	108	114	134	157	165	161	114
30	Office, accounting and computing machinery		62	75	89	100	105	112	140	190	265	334	398	406
31	Electrical machinery and apparatus		68	83	83	100	108	116	121	137	161	170	170	127
32	Radio, television and communication equipment		74	92	92	100	115	125	136	167	218	269	329	448
33	Medical, precision and optical instruments		108	114	104	100	106	106	118	136	153	153	144	119
34	Motor vehicles, trailers, semi-trailers		56	71	81	100	115	132	153	183	215	242	240	159
35	Other transport equipment		86	99	90	100	118	147	136	148	171	205	238	332
36	Furniture; manufacturing n.e.c.		102	108	102	100	102	94	88	86	86	82	75	67
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		78	89	92	100	110	116	121	134	151	163	170	159

**REPUBLIC OF MOLDOVA**

<p><b>Supplier of information:</b> Department of Statistical and Sociological Analysis of the Republic of Moldova, Chisinau.</p> <p><b>Basic source of data:</b> Not reported.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All self-sustained establishments. Data exclude the area of the left bank of the Dniester and the town of Bender.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b></p>
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## Republic of Moldova

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand LEI)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		...	34	35	37		...	20887	18988	16582		...	48400	55548	44214
1511 Processing/preserving of meat		...	10	8	10		...	...	5169	4474		...	...	22269	17317
1512 Processing/preserving of fish		...	...	...	...		...	...	...	...		...	...	...	...
1513 Processing/preserving of fruit & vegetables		...	22	25	25		...	...	12417	10756		...	...	28608	22600
1514 Vegetable and animal oils and fats		...	2	2	2		...	...	1402	1352		...	...	4670	4298
1520 Dairy products		...	22	22	23		...	...	2651	1989		...	11037	11432	10947
153 Grain mill products; starches; animal feeds		...	14	14	14		...	...	6850	6885		...	23633	20263	20903
1531 Grain mill products		...	7	7	7		...	...	...	...		...	...	...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...	...	...
1533 Prepared animal feeds		...	7	7	7		...	...	...	...		...	...	...	...
154 Other food products		...	17	18	18		...	15432	15925	14277		...	65187	76046	74678
1541 Bakery products		...	6	6	6		...	...	7867	6573		...	...	41507	42464
1542 Sugar		...	9	9	9		...	...	5788	5477		...	...	23805	22344
1543 Cocoa, chocolate and sugar confectionery		...	1	2	2		...	...	1848	1680		...	...	8986	8105
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	89	...		...	...	114	...
1549 Other food products n.e.c.		...	1	1	1		...	...	333	367		...	...	1634	1766
155 Beverages		...	101	104	106		...	14183	13574	13848		...	54510	64063	62387
1551 Distilling, rectifying & blending of spirits		...	3	3	2		...	...	...	...		...	...	...	...
1552 Wines		...	93	96	100		...	...	11207	12045		...	...	53182	51099
1553 Malt liquors and malt		...	4	4	3		...	...	...	...		...	...	...	...
1554 Soft drinks; mineral waters		...	1	1	1		...	...	...	...		...	...	...	...
1600 Tobacco products		...	8	8	8		...	2306	2267	2247		...	18909	19005	19331
171 Spinning, weaving and finishing of textiles		...	-	1	1		...	...	...	...		...	...	...	...
1711 Textile fibre preparation; textile weaving		...	-	1	1		...	...	...	...		...	...	...	...
1712 Finishing of textiles		...	-	-	-		...	...	...	...		...	...	...	...
172 Other textiles		...	11	10	10		...	...	...	...		...	...	...	...
1721 Made-up textile articles, except apparel		...	2	1	1		...	...	...	...		...	...	...	...
1722 Carpets and rugs		...	5	5	5		...	...	...	...		...	...	...	...
1723 Cordage, rope, twine and netting		...	-	-	-		...	...	...	...		...	...	...	...
1729 Other textiles n.e.c.		...	4	4	4		...	...	...	...		...	...	...	...
1730 Knitted and crocheted fabrics and articles		...	3	4	4		...	...	...	...		...	...	...	...
1810 Wearing apparel, except fur apparel		...	21	20	20		...	...	...	...		...	...	...	...
1820 Dressing & dyeing of fur; processing of fur		...	1	1	1		...	...	...	...		...	...	...	...
191 Tanning, dressing and processing of leather		...	3	3	3		...	...	...	...		...	...	...	...
1911 Tanning and dressing of leather		...	2	2	2		...	...	...	...		...	...	...	...
1912 Luggage, handbags, etc.; saddlery & harness		...	1	1	1		...	...	...	...		...	...	...	...
1920 Footwear		...	3	3	3		...	...	...	...		...	...	...	...
2010 Sawmilling and planing of wood		...	...	...	...		...	...	...	...		...	...	...	...
202 Products of wood, cork, straw, etc.		...	10	10	10		...	...	...	...		...	...	...	...
2021 Veneer sheets, plywood, particle board, etc.		...	-	...	...		...	...	...	...		...	...	...	...
2022 Builders' carpentry and joinery		...	8	7	7		...	...	...	...		...	...	...	...
2023 Wooden containers		...	2	3	3		...	...	...	...		...	...	...	...
2029 Other wood products; articles of cork/straw		...	...	...	...		...	...	...	...		...	...	...	...
210 Paper and paper products		...	6	4	4		...	2027	1274	1227		...	8003	4669	5638
2101 Pulp, paper and paperboard		...	-	-	-		...	...	...	...		...	...	...	...
2102 Corrugated paper and paperboard		...	4	4	4		...	...	...	...		...	...	...	...
2109 Other articles of paper and paperboard		...	2	...	...		...	...	...	...		...	...	...	...
221 Publishing		...	-	1	2		...	...	...	...		...	...	...	...
2211 Publishing of books and other publications		...	-	-	-		...	...	...	...		...	...	...	...
2212 Publishing of newspapers, journals, etc.		...	-	-	-		...	...	...	...		...	...	...	...
2213 Publishing of recorded media		...	-	-	-		...	...	...	...		...	...	...	...
2219 Other publishing		...	-	1	2		...	...	...	...		...	...	...	...

222	Printing and related service activities	...	27	27	27	...	...	...	...	...	...	...
2221	Printing	...	27	27	27	...	...	...	...	...	...	...
2222	Service activities related to printing	...	-	-	-	...	...	...	...	...	...	...
2230	Reproduction of recorded media	...	-	-	-	...	...	...	...	...	...	...
2310	Coke oven products	...	-	-	-	...	...	...	...	...	...	...
2320	Refined petroleum products	...	-	-	-	...	...	...	...	...	...	...
2330	Processing of nuclear fuel	...	-	-	-	...	...	...	...	...	...	...
241	Basic chemicals	...	-	1	-	...	...	...	...	...	...	...
2411	Basic chemicals, except fertilizers	...	-	-	-	...	...	...	...	...	...	...
2412	Fertilizers and nitrogen compounds	...	-	-	-	...	...	...	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	...	-	1	-	...	...	...	...	...	...	...
242	Other chemicals	...	8	8	8	...	...	...	...	...	...	...
2421	Pesticides and other agro-chemical products	...	-	-	-	...	...	...	...	...	...	...
2422	Paints, varnishes, printing ink and mastics	...	-	-	-	...	...	...	...	...	...	...
2423	Pharmaceuticals, medicinal chemicals, etc.	...	4	4	3	...	...	...	...	...	...	...
2424	Soap, cleaning & cosmetic preparations	...	3	3	3	...	...	...	...	...	...	...
2429	Other chemical products n.e.c.	...	1	1	2	...	...	...	...	...	...	...
2430	Man-made fibres	...	-	-	-	...	...	...	...	...	...	...
251	Rubber products	...	-	-	-	...	...	...	...	...	...	...
2511	Rubber tyres and tubes	...	-	-	-	...	...	...	...	...	...	...
2519	Other rubber products	...	-	-	-	...	...	...	...	...	...	...
2520	Plastic products	...	5	4	4	...	...	...	...	...	...	...
2610	Glass and glass products	...	3	4	5	...	...	...	...	...	...	...
269	Non-metallic mineral products n.e.c.	...	37	38	36	...	...	...	...	...	...	...
2691	Pottery, china and earthenware	...	1	1	1	...	...	...	...	...	...	...
2692	Refractory ceramic products	...	-	-	-	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	...	8	9	7	...	...	...	...	...	...	...
2694	Cement, lime and plaster	...	3	4	4	...	...	...	...	...	...	...
2695	Articles of concrete, cement and plaster	...	16	17	17	...	...	...	...	...	...	...
2696	Cutting, shaping & finishing of stone	...	9	7	7	...	...	...	...	...	...	...
2699	Other non-metallic mineral products n.e.c.	...	-	-	-	...	...	...	...	...	...	...
2710	Basic iron and steel	...	-	-	-	...	...	...	...	...	...	...
2720	Basic precious and non-ferrous metals	...	-	-	-	...	...	...	...	...	...	...
273	Casting of metals	...	4	3	3	...	...	...	...	...	...	...
2731	Casting of iron and steel	...	4	3	3	...	...	...	...	...	...	...
2732	Casting of non-ferrous metals	...	-	-	-	...	...	...	...	...	...	...
281	Struct.metal products;tanks;steam generators	...	1	2	2	...	...	...	...	...	...	...
2811	Structural metal products	...	1	2	2	...	...	...	...	...	...	...
2812	Tanks, reservoirs and containers of metal	...	-	-	-	...	...	...	...	...	...	...
2813	Steam generators	...	-	-	-	...	...	...	...	...	...	...
289	Other metal products; metal working services	...	11	11	11	...	...	...	...	...	...	...
2891	Metal forging/pressing/stamping/roll-forming	...	-	1	1	...	...	...	...	...	...	...
2892	Treatment & coating of metals	...	-	-	-	...	...	...	...	...	...	...
2893	Cutlery, hand tools and general hardware	...	2	2	2	...	...	...	...	...	...	...
2899	Other fabricated metal products n.e.c.	...	9	8	8	...	...	...	...	...	...	...
291	General purpose machinery	...	9	8	8	...	...	...	...	...	...	...
2911	Engines & turbines(not for transport equip.)	...	4	4	4	...	...	...	...	...	...	...
2912	Pumps, compressors, taps and valves	...	2	2	2	...	...	...	...	...	...	...
2913	Bearings, gears, gearing & driving elements	...	-	-	-	...	...	...	...	...	...	...
2914	Ovens, furnaces and furnace burners	...	1	1	1	...	...	...	...	...	...	...
2915	Lifting and handling equipment	...	1	1	1	...	...	...	...	...	...	...
2919	Other general purpose machinery	...	1	-	-	...	...	...	...	...	...	...
292	Special purpose machinery	...	22	22	22	...	...	...	...	...	...	...
2921	Agricultural and forestry machinery	...	7	7	7	...	...	...	...	...	...	...
2922	Machine tools	...	5	4	4	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	-	-	-	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	2	2	2	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	4	3	3	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	-	1	1	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	-	-	-	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	4	5	5	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	...	4	4	4	...	...	...	...	...	...	...

continued

## Republic of Moldova

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand LEI)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
3000 Office, accounting and computing machinery		...	2	2	2		...	2225	1057	739		...	2560	2120	1598
3110 Electric motors, generators and transformers		...	1	1	1		...	...	...	...		...	...	...	...
3120 Electricity distribution & control apparatus		...	-	-	-		...	-	-	-		...	-	-	-
3130 Insulated wire and cable		...	-	-	-		...	-	-	-		...	-	-	-
3140 Accumulators, primary cells and batteries		...	-	-	-		...	-	-	-		...	-	-	-
3150 Lighting equipment and electric lamps		...	1	2	2		...	...	...	...		...	...	...	...
3190 Other electrical equipment n.e.c.		...	8	7	7		...	...	...	...		...	...	...	...
3210 Electronic valves, tubes, etc.		...	-	-	-		...	-	-	-		...	-	-	-
3220 TV/radio transmitters; line comm. apparatus		...	-	-	-		...	-	-	-		...	-	-	-
3230 TV and radio receivers and associated goods		...	6	6	6		...	...	...	...		...	...	...	...
331 Medical, measuring, testing appliances, etc.		...	6	6	6		...	...	...	...		...	...	...	...
3311 Medical, surgical and orthopaedic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		...	4	4	4		...	...	...	...		...	...	...	...
3313 Industrial process control equipment		...	2	2	2		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		...	-	-	-		...	...	...	...		...	...	...	...
3330 Watches and clocks		...	-	-	-		...	-	-	-		...	-	-	-
3410 Motor vehicles		...	-	-	-		...	-	-	-		...	-	-	-
3420 Automobile bodies, trailers & semi-trailers		...	-	-	-		...	-	-	-		...	-	-	-
3430 Parts/accessories for automobiles		...	...	...	...		...	...	...	...		...	...	...	...
351 Building and repairing of ships and boats		...	-	-	-		...	-	-	-		...	-	-	-
3511 Building and repairing of ships		...	-	-	-		...	-	-	-		...	-	-	-
3512 Building/repairing of pleasure/sport. boats		...	-	-	-		...	-	-	-		...	-	-	-
3520 Railway/tramway locomotives & rolling stock		...	...	...	...		...	...	...	...		...	...	...	...
3530 Aircraft and spacecraft		...	-	-	-		...	-	-	-		...	-	-	-
359 Transport equipment n.e.c.		...	1	1	1		...	...	...	...		...	...	...	...
3591 Motorcycles		...	-	-	-		...	-	-	-		...	-	-	-
3592 Bicycles and invalid carriages		...	-	-	-		...	-	-	-		...	-	-	-
3599 Other transport equipment n.e.c.		...	1	1	1		...	...	...	...		...	...	...	...
3610 Furniture		...	9	9	9		...	...	...	...		...	...	...	...
369 Manufacturing n.e.c.		...	2	3	3		...	...	...	...		...	...	...	...
3691 Jewellery and related articles		...	1	1	1		...	...	...	...		...	...	...	...
3692 Musical instruments		...	-	-	-		...	-	-	-		...	-	-	-
3693 Sports goods		...	-	...	...		...	-	...	...		...	-	...	...
3694 Games and toys		...	...	...	...		...	...	...	...		...	...	...	...
3699 Other manufacturing n.e.c.		...	1	2	2		...	...	...	...		...	...	...	...
3710 Recycling of metal waste and scrap		...	-	-	...		...	-	-	...		...	-	-	...
3720 Recycling of non-metal waste and scrap		...	-	-	...		...	-	-	...		...	-	-	...
D Total manufacturing		...	421	427	431		...	161214	145467	128465		...	417239	453074	437283

## Republic of Moldova

ISIC Revision 3	Output in producers' prices				Value added				Gross fixed capital formation					
	ISIC Industry	Note	(thousand LEI)				Note	(thousand LEI)						
			1995	1996	1997	1998		1995	1996	1997	1998	Note	1997	1998
151 Processed meat, fish, fruit, vegetables, fats	...		675549	781010	536166									
1511 Processing/preserving of meat	...		330345	336240	204275									
1512 Processing/preserving of fish	...		6168	6351	6556									
1513 Processing/preserving of fruit & vegetables	...		296578	402760	287709									
1514 Vegetable and animal oils and fats	...		42458	35659	37626									
1520 Dairy products	...		137368	154920	181692									
153 Grain mill products; starches; animal feeds	...		368284	353049	297878									
1531 Grain mill products	...		265115	294780	261719									
1532 Starches and starch products	...		-	-	-									
1533 Prepared animal feeds	...		103169	58269	36159									
154 Other food products	...		654149	696640	592023									
1541 Bakery products	...		282536	335490	288377									
1542 Sugar	...		287510	275705	221248									
1543 Cocoa, chocolate and sugar confectionery	...		75251	76201	71679									
1544 Macaroni, noodles & similar products	...		65	424	1184									
1549 Other food products n.e.c.	...		8787	8820	9535									
155 Beverages	...		708291	987300	1042843									
1551 Distilling, rectifying & blending of spirits	...		62697	75478	84018									
1552 Wines	...		587234	839699	868207									
1553 Malt liquors and malt	...		39847	51749	61755									
1554 Soft drinks; mineral waters	...		18513	20374	28863									
1600 Tobacco products	...		246587	237102	235556									
171 Spinning, weaving and finishing of textiles	...		-	4814	5344									
1711 Textile fibre preparation; textile weaving	...		-	4814	5344									
1712 Finishing of textiles	...		-	-	-									
172 Other textiles	...		90756	76260	59275									
1721 Made-up textile articles, except apparel	...		4416	1700	593									
1722 Carpets and rugs	...		79017	69601	55234									
1723 Cordage, rope, twine and netting	...		-	-	-									
1729 Other textiles n.e.c.	...		7323	4959	3448									
1730 Knitted and crocheted fabrics and articles	...		23096	27304	21961									
1810 Wearing apparel, except fur apparel	...		55685	46278	54399									
1820 Dressing & dyeing of fur; processing of fur	...		16729	16342	9957									
191 Tanning, dressing and processing of leather	...		51098	60167	43010									
1911 Tanning and dressing of leather	...		48451	57489	36852									
1912 Luggage, handbags, etc.; saddlery & harness	...		2647	2678	6158									
1920 Footwear	...		28027	36400	25991									
2010 Sawmilling and planing of wood	...		13182	6421	4845									
202 Products of wood, cork, straw, etc.	...		17076	19168	16725									
2021 Veneer sheets, plywood, particle board, etc.	...		-	14	19									
2022 Builders' carpentry and joinery	...		13967	12986	9927									
2023 Wooden containers	...		2471	2312	1918									
2029 Other wood products; articles of cork/straw	...		638	3856	4861									
210 Paper and paper products	...		82069	68644	58570									
2101 Pulp, paper and paperboard	...		-	-	-									
2102 Corrugated paper and paperboard	...		55047	67874	57348									
2109 Other articles of paper and paperboard	...		27022	770	1222									
221 Publishing	...		-	3773	4393									
2211 Publishing of books and other publications	...		-	-	-									
2212 Publishing of newspapers, journals, etc.	...		-	-	345									
2213 Publishing of recorded media	...		-	-	-									
2219 Other publishing	...		-	3773	4048									

continued

## Republic of Moldova

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added				Gross fixed capital formation			
	Note	(thousand LEI)				Note	(thousand LEI)				(thousand LEI)	
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
222 Printing and related service activities		...	21734	53586	61602		...	...	...	...	...	...
2221 Printing		...	21734	45779	54616		...	...	...	...	...	...
2222 Service activities related to printing		...	-	7807	6986		...	...	...	...	...	...
2230 Reproduction of recorded media		...	-	-	-		...	...	...	...	...	...
2310 Coke oven products		...	-	-	-		...	...	...	...	...	...
2320 Refined petroleum products		...	-	-	-		...	...	...	...	...	...
2330 Processing of nuclear fuel		...	-	-	-		...	...	...	...	...	...
241 Basic chemicals		...	764	980	-		...	...	...	...	...	...
2411 Basic chemicals, except fertilizers		...	-	-	-		...	...	...	...	...	...
2412 Fertilizers and nitrogen compounds		...	-	-	-		...	...	...	...	...	...
2413 Plastics in primary forms; synthetic rubber		...	764	980	-		...	...	...	...	...	...
242 Other chemicals		...	39579	37969	51004		...	...	...	...	...	...
2421 Pesticides and other agro-chemical products		...	-	-	-		...	...	...	...	...	...
2422 Paints, varnishes, printing ink and mastics		...	1209	1936	1681		...	...	...	...	...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		...	18474	25230	36319		...	...	...	...	...	...
2424 Soap, cleaning & cosmetic preparations		...	19116	9565	11538		...	...	...	...	...	...
2429 Other chemical products n.e.c.		...	780	1238	1466		...	...	...	...	...	...
2430 Man-made fibres		...	-	-	-		...	...	...	...	...	...
251 Rubber products		...	1780	956	955		...	...	...	...	...	...
2511 Rubber tyres and tubes		...	-	869	734		...	...	...	...	...	...
2519 Other rubber products		...	1780	87	221		...	...	...	...	...	...
2520 Plastic products		...	11929	17972	18726		...	...	...	...	...	...
2610 Glass and glass products		...	100050	128012	153808		...	...	...	...	...	...
269 Non-metallic mineral products n.e.c.		...	146358	187301	157245		...	...	...	...	...	...
2691 Pottery, china and earthenware		...	1369	1255	516		...	...	...	...	...	...
2692 Refractory ceramic products		...	-	-	-		...	...	...	...	...	...
2693 Struct.non-refractory clay; ceramic products		...	24151	26998	25349		...	...	...	...	...	...
2694 Cement, lime and plaster		...	11520	31327	27430		...	...	...	...	...	...
2695 Articles of concrete, cement and plaster		...	95110	118000	93391		...	...	...	...	...	...
2696 Cutting, shaping & finishing of stone		...	14208	10676	10559		...	...	...	...	...	...
2699 Other non-metallic mineral products n.e.c.		...	-	45	-		...	...	...	...	...	...
2710 Basic iron and steel		...	27	-	-		...	...	...	...	...	...
2720 Basic precious and non-ferrous metals		...	-	-	-		...	...	...	...	...	...
273 Casting of metals		...	6741	6655	6453		...	...	...	...	...	...
2731 Casting of iron and steel		...	4071	5457	4598		...	...	...	...	...	...
2732 Casting of non-ferrous metals		...	2670	1198	1855		...	...	...	...	...	...
281 Struct.metal products;tanks;steam generators		...	9298	15437	12797		...	...	...	...	...	...
2811 Structural metal products		...	9298	15437	12797		...	...	...	...	...	...
2812 Tanks, reservoirs and containers of metal		...	-	-	-		...	...	...	...	...	...
2813 Steam generators		...	-	-	-		...	...	...	...	...	...
289 Other metal products; metal working services		...	22310	26096	31266		...	...	...	...	...	...
2891 Metal forging/pressing/stamping/roll-forming		...	-	3947	4155		...	...	...	...	...	...
2892 Treatment & coating of metals		...	-	-	5564		...	...	...	...	...	...
2893 Cutlery, hand tools and general hardware		...	4702	2209	1965		...	...	...	...	...	...
2899 Other fabricated metal products n.e.c.		...	17608	19940	19582		...	...	...	...	...	...
291 General purpose machinery		...	69924	49984	45889		...	...	...	...	...	...
2911 Engines & turbines(not for transport equip.)		...	11870	9813	9931		...	...	...	...	...	...
2912 Pumps, compressors, taps and valves		...	51678	35753	32336		...	...	...	...	...	...
2913 Bearings, gears, gearing & driving elements		...	-	-	-		...	...	...	...	...	...
2914 Ovens, furnaces and furnace burners		...	1160	1605	1755		...	...	...	...	...	...
2915 Lifting and handling equipment		...	2064	2132	1426		...	...	...	...	...	...
2919 Other general purpose machinery		...	3152	681	441		...	...	...	...	...	...



292 Special purpose machinery	...	122850	141705	129603	...	...	...	...	...	...
2921 Agricultural and forestry machinery	...	88038	101445	93456	...	...	...	...	...	...
2922 Machine tools	...	6401	4111	3056	...	...	...	...	...	...
2923 Machinery for metallurgy	...	-	-	-	...	...	...	...	...	...
2924 Machinery for mining & construction	...	5493	4441	3887	...	...	...	...	...	...
2925 Food/beverage/tobacco processing machinery	...	13513	7412	10065	...	...	...	...	...	...
2926 Machinery for textile, apparel and leather	...	9	3195	2530	...	...	...	...	...	...
2927 Weapons and ammunition	...	-	-	-	...	...	...	...	...	...
2929 Other special purpose machinery	...	9396	21101	16609	...	...	...	...	...	...
2930 Domestic appliances n.e.c.	...	33821	35001	33283	...	...	...	...	...	...
3000 Office, accounting and computing machinery	...	4114	9984	4803	...	...	...	...	...	...
3110 Electric motors, generators and transformers	...	4737	845	353	...	...	...	...	...	...
3120 Electricity distribution & control apparatus	...	-	-	-	...	...	...	...	...	...
3130 Insulated wire and cable	...	-	-	-	...	...	...	...	...	...
3140 Accumulators, primary cells and batteries	...	-	-	-	...	...	...	...	...	...
3150 Lighting equipment and electric lamps	...	10623	10909	6500	...	...	...	...	...	...
3190 Other electrical equipment n.e.c.	...	6218	7288	7044	...	...	...	...	...	...
3210 Electronic valves, tubes, etc.	...	-	-	-	...	...	...	...	...	...
3220 TV/radio transmitters; line comm. apparatus	...	-	-	-	...	...	...	...	...	...
3230 TV and radio receivers and associated goods	...	50640	30615	14465	...	...	...	...	...	...
331 Medical, measuring, testing appliances, etc.	...	28152	16989	29406	...	...	...	...	...	...
3311 Medical, surgical and orthopaedic equipment	...	2984	2066	1978	...	...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	...	23780	14383	24148	...	...	...	...	...	...
3313 Industrial process control equipment	...	1388	540	3280	...	...	...	...	...	...
3320 Optical instruments & photographic equipment	...	801	1415	1661	...	...	...	...	...	...
3330 Watches and clocks	...	-	-	-	...	...	...	...	...	...
3410 Motor vehicles	...	-	-	-	...	...	...	...	...	...
3420 Automobile bodies, trailers & semi-trailers	...	-	-	-	...	...	...	...	...	...
3430 Parts/accessories for automobiles	...	317	13319	23518	...	...	...	...	...	...
351 Building and repairing of ships and boats	...	-	-	-	...	...	...	...	...	...
3511 Building and repairing of ships	...	-	-	-	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats	...	-	-	-	...	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	...	3575	1967	1742	...	...	...	...	...	...
3530 Aircraft and spacecraft	...	-	-	-	...	...	...	...	...	...
359 Transport equipment n.e.c.	...	2015	414	1186	...	...	...	...	...	...
3591 Motorcycles	...	-	-	-	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	-	-	-	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	2015	414	1186	...	...	...	...	...	...
3610 Furniture	...	73907	62532	44924	...	...	...	...	...	...
369 Manufacturing n.e.c.	...	30352	25339	9898	...	...	...	...	...	...
3691 Jewellery and related articles	...	13616	3479	3985	...	...	...	...	...	...
3692 Musical instruments	...	-	-	-	...	...	...	...	...	...
3693 Sports goods	...	-	34	205	...	...	...	...	...	...
3694 Games and toys	...	36	52	23	...	...	...	...	...	...
3699 Other manufacturing n.e.c.	...	16700	21774	5685	...	...	...	...	...	...
3710 Recycling of metal waste and scrap	...	-	-	5774	...	...	...	...	...	...
3720 Recycling of non-metal waste and scrap	...	-	-	24	...	...	...	...	...	...
D Total manufacturing	...	3970562	4458862	4044557	1476732	1639239	1634997	1275689	...	...

Republic of Moldova

ISIC Revision 3		Index numbers of industrial production											
		(1990=100)											
ISIC Industry	Note	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15	Food and beverages	...	...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles	...	...	...	...	...	...	...	...	...	...	...	...
18	Wearing apparel, fur	...	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products	...	...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products	...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
27	Basic metals	...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products	...	...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	...	...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	...	...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	...	...	...	...	...	...	...	...	...	...

## ROMANIA

**Supplier of information:**

National Commission for Statistics, Bucharest.

**Basic source of data:**

Statistical reports on industrial production.

**Major deviations from ISIC (Revision 3):**

The concepts, definitions and classification by branches of industry are in accordance with the standards of the new National Activities Classification.

**Reference period (if not calendar year):****Scope:**

State enterprises under the direction of the central government. These enterprises account for about 80 per cent of all industrial enterprises and about the same percentage of industrial output.

**Method of enumeration:**

Not reported.

**Adjusted for non-response:**

Not reported.

**Concepts and definitions of variables:**

Figures for wages and salaries were computed by UNIDO from reported wages and salaries per employee.

**Related national publications:**

Anuarul Statistic al Romaniei, published by the National Commission for Statistics, Bucharest.

## Romania

ISIC Revision 3 ISIC Industry	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(billion LEI)					
		1995	1996	1997			1998	1995	1996			1997	1998	1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		2213	2489	2597	2775	a/	231.2	218.8	213.4	214.0	a/	582.8	848.6	1544.5	2311.2		
1511 Processing/preserving of meat		1528	1862	1939	2047	...	...	...	...	...	...	...	...	...	...		
1512 Processing/preserving of fish		28	23	30	38	...	...	...	...	...	...	...	...	...	...		
1513 Processing/preserving of fruit & vegetables		472	406	412	457	...	...	...	...	...	...	...	...	...	...		
1514 Vegetable and animal oils and fats		185	198	216	233	...	...	...	...	...	...	...	...	...	...		
1520 Dairy products		592	683	839	963	a/	...	...	...	...	a/	...	...	...	...		
153 Grain mill products; starches; animal feeds		1292	1051	1358	1549	a/	...	...	...	...	a/	...	...	...	...		
1531 Grain mill products		1211	968	1255	1420	...	...	...	...	...	...	...	...	...	...		
1532 Starches and starch products		10	11	9	14	...	...	...	...	...	...	...	...	...	...		
1533 Prepared animal feeds		71	72	94	115	...	...	...	...	...	...	...	...	...	...		
154 Other food products		3602	3419	3763	4484	a/	...	...	...	...	a/	...	...	...	...		
1541 Bakery products		2448	2584	2961	3594	...	...	...	...	...	...	...	...	...	...		
1542 Sugar		35	35	35	37	...	...	...	...	...	...	...	...	...	...		
1543 Cocoa, chocolate and sugar confectionery		96	114	124	143	...	...	...	...	...	...	...	...	...	...		
1544 Macaroni, noodles & similar products		32	79	89	94	...	...	...	...	...	...	...	...	...	...		
1549 Other food products n.e.c.		991	607	554	616	...	...	...	...	...	...	...	...	...	...		
155 Beverages		1183	994	1115	1290	a/	...	...	...	...	a/	...	...	...	...		
1551 Distilling, rectifying & blending of spirits		364	359	391	473	...	...	...	...	...	...	...	...	...	...		
1552 Wines		64	53	63	78	...	...	...	...	...	...	...	...	...	...		
1553 Malt liquors and malt		90	115	112	108	...	...	...	...	...	...	...	...	...	...		
1554 Soft drinks; mineral waters		665	467	549	631	...	...	...	...	...	...	...	...	...	...		
1600 Tobacco products		16	15	17	22	...	7.0	5.1	5.2	5.8	...	24.0	36.2	80.2	130.8		
171 Spinning, weaving and finishing of textiles		568	622	623	604	b/	185.5	189.1	159.4	128.2	b/	335.6	538.4	862.4	1138.5		
1711 Textile fibre preparation; textile weaving		520	593	597	566	...	...	...	...	...	...	...	...	...	...		
1712 Finishing of textiles		48	29	26	38	...	...	...	...	...	...	...	...	...	...		
172 Other textiles		988	906	977	1085	b/	...	...	...	...	b/	...	...	...	...		
1721 Made-up textile articles, except apparel		591	582	638	736	...	...	...	...	...	...	...	...	...	...		
1722 Carpets and rugs		59	50	50	52	...	...	...	...	...	...	...	...	...	...		
1723 Cordage, rope, twine and netting		30	43	41	42	...	...	...	...	...	...	...	...	...	...		
1729 Other textiles n.e.c.		308	231	248	255	...	...	...	...	...	...	...	...	...	...		
1730 Knitted and crocheted fabrics and articles		1103	935	603	598	b/	...	...	...	...	b/	...	...	...	...		
1810 Wearing apparel, except fur apparel		3590	3349	4312	4546	c/	188.8	202.9	180.4	245.5	c/	356.0	573.3	1096.2	2181.6		
1820 Dressing & dyeing of fur; processing of fur		109	132	142	147	c/	...	...	...	...	c/	...	...	...	...		
191 Tanning, dressing and processing of leather		523	520	587	573	d/	83.2	83.4	82.8	82.9	d/	153.3	240.0	455.6	705.4		
1911 Tanning and dressing of leather		149	202	201	185	...	...	...	...	...	...	...	...	...	...		
1912 Luggage, handbags, etc.; saddlery & harness		374	318	386	388	...	...	...	...	...	...	...	...	...	...		
1920 Footwear		583	616	760	858	d/	...	...	...	...	d/	...	...	...	...		
2010 Sawmilling and planing of wood		1483	1516	1806	2008	e/	76.6	65.5	69.1	80.6	e/	157.1	208.1	402.8	667.8		
202 Products of wood, cork, straw, etc.		1961	1911	2270	2403	e/	...	...	...	...	e/	...	...	...	...		
2021 Veneer sheets, plywood, particle board, etc.		115	102	224	220	...	...	...	...	...	...	...	...	...	...		
2022 Builders' carpentry and joinery		841	1029	1195	1290	...	...	...	...	...	...	...	...	...	...		
2023 Wooden containers		134	107	139	157	...	...	...	...	...	...	...	...	...	...		
2029 Other wood products; articles of cork/straw		871	673	712	736	...	...	...	...	...	...	...	...	...	...		
210 Paper and paper products		261	282	348	399	...	27.0	28.0	26.8	22.0	...	67.9	105.8	195.4	246.3		
2101 Pulp, paper and paperboard		19	25	15	15	...	...	...	...	...	...	...	...	...	...		
2102 Corrugated paper and paperboard		93	106	128	163	...	...	...	...	...	...	...	...	...	...		
2109 Other articles of paper and paperboard		149	151	205	221	...	...	...	...	...	...	...	...	...	...		
221 Publishing		1385	1171	1376	1418	f/	21.9	20.5	21.0	31.9	f/	61.4	81.5	153.5	392.0		
2211 Publishing of books and other publications		1017	824	984	993	...	...	...	...	...	...	...	...	...	...		
2212 Publishing of newspapers, journals, etc.		204	212	248	277	...	...	...	...	...	...	...	...	...	...		
2213 Publishing of recorded media		64	40	28	32	...	...	...	...	...	...	...	...	...	...		
2219 Other publishing		100	95	116	116	...	...	...	...	...	...	...	...	...	...		

222	Printing and related service activities	427	537	651	726	f/	...	...	...	...	f/	...	...	...	...
2221	Printing	387	501	598	658		...	...	...	...		...	...	...	...
2222	Service activities related to printing	40	36	53	68		...	...	...	...		...	...	...	...
2230	Reproduction of recorded media	250	105	198	239	f/	...	...	...	...	f/	...	...	...	...
2310	Coke oven products	-	-	-	1	g/	35.8	35.4	38.8	26.9	g/	143.4	224.5	535.7	622.4
2320	Refined petroleum products	17	15	14	15	g/	...	...	...	...	g/	...	...	...	...
2330	Processing of nuclear fuel	...	...	...	...	g/	...	...	...	...	g/	...	...	...	...
241	Basic chemicals	162	187	190	190	h/	126.0	126.3	133.0	92.9	h/	388.3	596.7	1267.0	1419.5
2411	Basic chemicals, except fertilizers	100	123	126	137		...	...	...	...		...	...	...	...
2412	Fertilizers and nitrogen compounds	8	9	10	7		...	...	...	...		...	...	...	...
2413	Plastics in primary forms; synthetic rubber	54	55	54	46		...	...	...	...		...	...	...	...
242	Other chemicals	576	605	763	824	h/	...	...	...	...	h/	...	...	...	...
2421	Pesticides and other agro-chemical products	8	7	7	7		...	...	...	...		...	...	...	...
2422	Paints, varnishes, printing ink and mastics	112	118	153	164		...	...	...	...		...	...	...	...
2423	Pharmaceuticals, medicinal chemicals, etc.	144	131	135	154		...	...	...	...		...	...	...	...
2424	Soap, cleaning & cosmetic preparations	122	158	203	262		...	...	...	...		...	...	...	...
2429	Other chemical products n.e.c.	190	191	265	237		...	...	...	...		...	...	...	...
2430	Man-made fibres	17	21	20	23	h/	...	...	...	...	h/	...	...	...	...
251	Rubber products	423	431	486	460	i/	49.2	48.5	45.1	40.5	i/	139.6	206.0	365.8	498.2
2511	Rubber tyres and tubes	55	81	106	103		...	...	...	...		...	...	...	...
2519	Other rubber products	368	350	380	357		...	...	...	...		...	...	...	...
2520	Plastic products	768	777	974	1042	i/	...	...	...	...	i/	...	...	...	...
2610	Glass and glass products	191	234	282	296	j/	123.0	118.6	118.0	103.8	j/	319.9	473.6	355.7	1296.2
269	Non-metallic mineral products n.e.c.	863	747	906	1046	j/	...	...	...	...	j/	...	...	...	...
2691	Pottery, china and earthenware	136	135	166	183		...	...	...	...		...	...	...	...
2692	Refractory ceramic products	23	25	30	30		...	...	...	...		...	...	...	...
2693	Struct.non-refractory clay; ceramic products	308	221	243	294		...	...	...	...		...	...	...	...
2694	Cement, lime and plaster	20	26	32	30		...	...	...	...		...	...	...	...
2695	Articles of concrete, cement and plaster	237	214	277	323		...	...	...	...		...	...	...	...
2696	Cutting, shaping & finishing of stone	98	91	118	133		...	...	...	...		...	...	...	...
2699	Other non-metallic mineral products n.e.c.	41	35	40	53		...	...	...	...		...	...	...	...
2710	Basic iron and steel	81	75	74	93	k/	146.9	148.9	145.5	129.4	k/	485.8	769.5	1446.1	2060.9
2720	Basic precious and non-ferrous metals	39	47	48	60	k/	...	...	...	...	k/	...	...	...	...
273	Casting of metals	144	203	229	231	k/	...	...	...	...	k/	...	...	...	...
2731	Casting of iron and steel	53	72	81	78		...	...	...	...		...	...	...	...
2732	Casting of non-ferrous metals	91	131	148	153		...	...	...	...		...	...	...	...
281	Struct.metall products;tanks;steam generators	1715	1675	1939	2052	m/	122.9	109.9	110.1	107.9	m/	303.1	408.3	773.4	1192.0
2811	Structural metal products	1668	1618	1859	1957		...	...	...	...		...	...	...	...
2812	Tanks, reservoirs and containers of metal	32	42	65	80		...	...	...	...		...	...	...	...
2813	Steam generators	15	15	15	15		...	...	...	...		...	...	...	...
289	Other metal products; metal working services	1167	914	963	1038	m/	...	...	...	...	m/	...	...	...	...
2891	Metal forging/pressing/stamping/roll-forming	28	22	22	22		...	...	...	...		...	...	...	...
2892	Treatment & coating of metals	31	39	51	65		...	...	...	...		...	...	...	...
2893	Cutlery, hand tools and general hardware	235	185	214	243		...	...	...	...		...	...	...	...
2899	Other fabricated metal products n.e.c.	873	668	676	708		...	...	...	...		...	...	...	...
291	General purpose machinery	184	233	289	307	n/	323.3	292.6	253.3	207.7	n/	823.1	1234.2	1973.4	2648.0
2911	Engines & turbines(not for transport equip.)	22	26	37	31		...	...	...	...		...	...	...	...
2912	Pumps, compressors, taps and valves	35	51	67	75		...	...	...	...		...	...	...	...
2913	Bearings, gears, gearing & driving elements	19	25	25	26		...	...	...	...		...	...	...	...
2914	Ovens, furnaces and furnace burners	2	2	2	2		...	...	...	...		...	...	...	...
2915	Lifting and handling equipment	27	46	59	63		...	...	...	...		...	...	...	...
2919	Other general purpose machinery	79	83	99	110		...	...	...	...		...	...	...	...
292	Special purpose machinery	297	340	412	459	n/	...	...	...	...	n/	...	...	...	...
2921	Agricultural and forestry machinery	54	64	62	62		...	...	...	...		...	...	...	...
2922	Machine tools	59	65	108	116		...	...	...	...		...	...	...	...
2923	Machinery for metallurgy	15	14	14	31		...	...	...	...		...	...	...	...
2924	Machinery for mining & construction	45	39	56	65		...	...	...	...		...	...	...	...
2925	Food/beverage/tobacco processing machinery	33	42	44	53		...	...	...	...		...	...	...	...
2926	Machinery for textile, apparel and leather	21	25	23	25		...	...	...	...		...	...	...	...
2927	Weapons and ammunition	17	20	20	17		...	...	...	...		...	...	...	...
2929	Other special purpose machinery	53	71	85	90		...	...	...	...		...	...	...	...
2930	Domestic appliances n.e.c.	144	120	178	159	n/	...	...	...	...	n/	...	...	...	...

continued

## Romania

ISIC Revision 3 ISIC Industry	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
	(numbers)					(thousands)					(billion LEI)			
	1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery	201	174	271	304	p/	96.1	91.3	86.8	73.6	p/	265.8	366.8	706.9	951.2
3110 Electric motors, generators and transformers	64	82	93	100	p/	...	...	...	...	p/	...	...	...	...
3120 Electricity distribution & control apparatus	67	64	65	65	p/	...	...	...	...	p/	...	...	...	...
3130 Insulated wire and cable	15	21	15	15	p/	...	...	...	...	p/	...	...	...	...
3140 Accumulators, primary cells and batteries	15	28	21	21	p/	...	...	...	...	p/	...	...	...	...
3150 Lighting equipment and electric lamps	38	48	65	84	p/	...	...	...	...	p/	...	...	...	...
3190 Other electrical equipment n.e.c.	162	140	189	201	p/	...	...	...	...	p/	...	...	...	...
3210 Electronic valves, tubes, etc.	57	47	66	66	p/	...	...	...	...	p/	...	...	...	...
3220 TV/radio transmitters; line comm. apparatus	56	66	82	74	p/	...	...	...	...	p/	...	...	...	...
3230 TV and radio receivers and associated goods	64	61	72	78	p/	...	...	...	...	p/	...	...	...	...
331 Medical, measuring, testing appliances, etc.	188	196	250	269	q/	19.5	18.2	19.2	17.8	q/	45.6	69.8	142.8	216.1
3311 Medical, surgical and orthopaedic equipment	80	78	109	118	...	...	...	...	...	...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	51	50	63	72	...	...	...	...	...	...	...	...	...	...
3313 Industrial process control equipment	57	68	78	79	...	...	...	...	...	...	...	...	...	...
3320 Optical instruments & photographic equipment	24	26	54	57	q/	...	...	...	...	q/	...	...	...	...
3330 Watches and clocks	6	3	2	2	q/	...	...	...	...	q/	...	...	...	...
3410 Motor vehicles	10	10	13	10	r/	180.5	189.8	180.3	162.0	r/	519.4	858.6	1559.2	2261.5
3420 Automobile bodies, trailers & semi-trailers	14	24	21	18	r/	...	...	...	...	r/	...	...	...	...
3430 Parts/accessories for automobiles	96	125	156	169	r/	...	...	...	...	r/	...	...	...	...
351 Building and repairing of ships and boats	84	132	172	164	r/	...	...	...	...	r/	...	...	...	...
3511 Building and repairing of ships	81	119	160	152	...	...	...	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats	3	13	12	12	...	...	...	...	...	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	25	27	31	43	r/	...	...	...	...	r/	...	...	...	...
3530 Aircraft and spacecraft	7	7	8	8	r/	...	...	...	...	r/	...	...	...	...
359 Transport equipment n.e.c.	12	10	7	22	r/	...	...	...	...	r/	...	...	...	...
3591 Motorcycles	1	-	-	-	...	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	2	4	3	15	...	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	9	6	4	7	...	...	...	...	...	...	...	...	...	...
3610 Furniture	2360	1186	1368	1539	s/	140.7	148.1	128.6	124.1	s/	300.5	467.4	776.5	1075.8
369 Manufacturing n.e.c.	1642	1568	1333	1321	s/	...	...	...	...	s/	...	...	...	...
3691 Jewellery and related articles	179	69	115	133	...	...	...	...	...	...	...	...	...	...
3692 Musical instruments	18	7	7	7	...	...	...	...	...	...	...	...	...	...
3693 Sports goods	58	19	23	23	...	...	...	...	...	...	...	...	...	...
3694 Games and toys	211	78	78	78	...	...	...	...	...	...	...	...	...	...
3699 Other manufacturing n.e.c.	1176	1395	1110	1080	...	...	...	...	...	...	...	...	...	...
3710 Recycling of metal waste and scrap	269	228	367	422	t/	6.6	6.7	14.6	9.8	t/	16.2	23.9	59.2	120.8
3720 Recycling of non-metal waste and scrap	42	54	59	72	t/	...	...	...	...	t/	...	...	...	...
D Total manufacturing	34435	32200	36903	40107		2191.7	2147.6	2031.4	1907.3		5469.0	8332.8	14752.3	22136.2

a/ 151 includes 1520, 153, 154 and 155.

b/ 171 includes 172 and 1730.

c/ 1810 includes 1820.

d/ 191 includes 1920.

e/ 2010 includes 202.

f/ 221 includes 222 and 2230.

g/ 2310 includes 2320 and 2330.

h/ 241 includes 242 and 2430.

i/ 251 includes 2520.

j/ 2610 includes 269.

k/ 2710 includes 2720 and 273.

m/ 281 includes 289.

n/ 291 includes 292 and 2930.

p/ 3000 includes 3110, 3120, 3130, 3140, 3150, 3190, 3210, 3220 and 3230.

q/ 331 includes 3320 and 3330.

r/ 3410 includes 3420, 3430, 351, 3520, 3530 and 359.

s/ 3610 includes 369.

t/ 3710 includes 3720.

## Romania

ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	ISIC Industry	Note	(billion LEI)				Note	(billion LEI)					
			1995	1996	1997	1998		1995	1996	1997	1998	Note	1997
151 Processed meat, fish, fruit, vegetables, fats		6685.1	11062.8	25881.2	...		2133.9	3472.4	7861.9	...		...	...
1511 Processing/preserving of meat		3956.1	6339.0	13967.6	...		1332.2	2144.5	4665.4	...		...	...
1512 Processing/preserving of fish		106.2	109.1	187.6	...		37.8	43.1	74.2	...		...	...
1513 Processing/preserving of fruit & vegetables		1826.5	3052.6	8313.5	...		512.5	846.8	2166.6	...		...	...
1514 Vegetable and animal oils and fats		796.3	1562.1	3412.5	...		251.4	438.0	955.7	...		...	...
1520 Dairy products		1334.2	2246.4	6686.0	...		418.3	708.0	2112.0	...		...	...
153 Grain mill products; starches; animal feeds		1515.2	2714.9	6234.7	...		335.5	674.2	1474.9	...		...	...
1531 Grain mill products		435.3a/	1068.0a/	2392.2a/	...		194.7a/	430.0a/	908.0a/	...		...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...
1533 Prepared animal feeds		1079.9	1646.9	3842.5	...		140.8	244.2	566.9	...		...	...
154 Other food products		1877.9	4230.4	9178.2	...		694.9	1478.6	3178.0	...		...	...
1541 Bakery products		...	...	...	...		...	...	...	...		...	...
1542 Sugar		...	...	...	...		...	...	...	...		...	...
1543 Cocoa, chocolate and sugar confectionery		...	...	...	...		...	...	...	...		...	...
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...
1549 Other food products n.e.c.		...	...	...	...		...	...	...	...		...	...
155 Beverages		4148.8	7632.8	17980.5	...		1697.2	3023.8	7166.7	...		...	...
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...
1552 Wines		...	...	...	...		...	...	...	...		...	...
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...	...
1600 Tobacco products		269.9	484.8	2276.9	...		141.8	249.9	1141.3	...		...	...
171 Spinning, weaving and finishing of textiles		2557.8b/	4607.5b/	7294.1b/	...		840.0b/	1392.4b/	2184.8b/	...		...	...
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...		...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...
172 Other textiles		...b/	...b/	...b/	...		...b/	...b/	...b/	...		...	...
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...	...
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...	...
1730 Knitted and crocheted fabrics and articles		...b/	...b/	...b/	...		...b/	...b/	...b/	...		...	...
1810 Wearing apparel, except fur apparel		2215.3	3582.0	7896.6	...		1176.4	1830.4	4038.7	...		...	...
1820 Dressing & dyeing of fur; processing of fur		126.2	214.0	533.1	...		75.9	113.7	287.0	...		...	...
191 Tanning, dressing and processing of leather		825.5c/	1612.3c/	3309.1c/	...		334.0c/	543.2c/	1101.1c/	...		...	...
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...		...	...
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...	...
1920 Footwear		...c/	...c/	...c/	...		...c/	...c/	...c/	...		...	...
2010 Sawmilling and planing of wood		1244.0d/	2789.1d/	5149.5d/	...		625.0d/	1287.2d/	2369.5d/	...		4.9	...
202 Products of wood, cork, straw, etc.		...d/	...d/	...d/	...		...d/	...d/	...d/	...		...	...
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...		...	...	...	...		...	...
2022 Builders' carpentry and joinery		...	...	...	...		...	...	...	...		...	...
2023 Wooden containers		...	...	...	...		...	...	...	...		...	...
2029 Other wood products; articles of cork/straw		...	...	...	...		...	...	...	...		...	...
210 Paper and paper products		750.4	1308.2	2086.7	...		244.4	418.8	638.8	...		...	...
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...	...
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...
221 Publishing		657.7e/	1421.3e/	2664.7e/	...		211.4e/	586.4e/	1083.8e/	...		1.3	...
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...

continued

## Romania

ISIC Revision 3 ISIC Industry	Note	Output				Note	Value added				Note	Gross fixed capital formation	
		(billion LEI)					(billion LEI)					(billion LEI)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222 Printing and related service activities	...	e/	e/	e/	...	e/	e/	e/	...	...	...		
2221 Printing	...	...	...	...	...	...	...	...	...	...	...		
2222 Service activities related to printing	...	...	...	...	...	...	...	...	...	...	...		
2230 Reproduction of recorded media	...	e/	e/	e/	...	e/	e/	e/	...	...	...		
2310 Coke oven products	...	678.5	1149.0	1300.1	...	80.0	193.8	201.0	...	...	...		
2320 Refined petroleum products	...	4361.6	6014.0	15745.6	...	348.4	520.4	1539.8	...	...	...		
2330 Processing of nuclear fuel	...	-	-	-	...	-	-	-	...	...	...		
241 Basic chemicals	...	2772.0	4238.0	8826.1	...	417.4	628.9	1133.0	...	...	...		
2411 Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...	...	...	...		
2412 Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...	...	...	...		
2413 Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...	...	...		
242 Other chemicals	...	2456.6	3144.2	4656.0	...	936.1	1149.3	1844.2	...	...	...		
2421 Pesticides and other agro-chemical products	...	653.0	861.7	411.4	...	131.4	167.3	92.4	...	...	...		
2422 Paints, varnishes, printing ink and mastics	...	434.1	392.9	753.3	...	183.5	159.7	301.3	...	...	...		
2423 Pharmaceuticals, medicinal chemicals, etc.	...	594.6	832.6	1423.6	...	351.4	477.1	781.0	...	...	...		
2424 Soap, cleaning & cosmetic preparations	...	363.0	481.8	1048.6	...	140.4	171.4	356.5	...	...	...		
2429 Other chemical products n.e.c.	...	411.9	575.2	1019.1	...	129.4	173.8	313.0	...	...	...		
2430 Man-made fibres	...	430.5	651.4	1187.1	...	113.4	161.2	251.1	...	...	...		
251 Rubber products	...	784.8	1314.6	2211.7	...	264.9	413.7	702.7	...	...	...		
2511 Rubber tyres and tubes	...	...	...	...	...	...	...	...	...	...	...		
2519 Other rubber products	...	...	...	...	...	...	...	...	...	...	...		
2520 Plastic products	...	554.0	838.3	1778.3	...	184.4	269.1	571.1	...	...	...		
2610 Glass and glass products	...	434.6	718.8	1886.3	...	202.6	334.0	868.5	...	...	...		
269 Non-metallic mineral products n.e.c.	...	2015.7	3282.5	6597.0	...	816.8	1262.9	2548.6	...	...	...		
2691 Pottery, china and earthenware	...	...	...	...	...	...	...	...	...	...	...		
2692 Refractory ceramic products	...	...	...	...	...	...	...	...	...	...	...		
2693 Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...	...	...	...		
2694 Cement, lime and plaster	...	...	...	...	...	...	...	...	...	...	...		
2695 Articles of concrete, cement and plaster	...	...	...	...	...	...	...	...	...	...	...		
2696 Cutting, shaping & finishing of stone	...	...	...	...	...	...	...	...	...	...	...		
2699 Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...	...	...		
2710 Basic iron and steel	...	4008.6	7550.0	16627.1	...	908.0	1497.3	3231.6	...	32.0	...		
2720 Basic precious and non-ferrous metals	...	1403.1	1991.6	4694.4	...	204.7	250.4	573.1	...	...	...		
273 Casting of metals	...	650.9	943.1	1711.6	...	204.2	291.5	529.7	...	...	...		
2731 Casting of iron and steel	...	...	...	...	...	...	...	...	...	...	...		
2732 Casting of non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...		
281 Struct.metal products;tanks;steam generators	...	2095.1f/	3742.7f/	7122.8f/	...	802.6f/	1456.3f/	2730.1f/	...	1609.6	...		
2811 Structural metal products	...	...	...	...	...	...	...	...	...	...	...		
2812 Tanks, reservoirs and containers of metal	...	...	...	...	...	...	...	...	...	...	...		
2813 Steam generators	...	...	...	...	...	...	...	...	...	...	...		
289 Other metal products; metal working services	...	f/	f/	f/	...	f/	f/	f/	...	...	...		
2891 Metal forging/pressing/stamping/roll-forming	...	...	...	...	...	...	...	...	...	...	...		
2892 Treatment & coating of metals	...	...	...	...	...	...	...	...	...	...	...		
2893 Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...	...		
2899 Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...	...	...	...		
291 General purpose machinery	...	1280.0	2020.7	3730.5	...	485.8	629.4	1149.8	...	2813.2	...		
2911 Engines & turbines(not for transport equip.)	...	...	...	...	...	...	...	...	...	...	...		
2912 Pumps, compressors, taps and valves	...	...	...	...	...	...	...	...	...	...	...		
2913 Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...	...	...	...		
2914 Ovens, furnaces and furnace burners	...	...	...	...	...	...	...	...	...	...	...		
2915 Lifting and handling equipment	...	...	...	...	...	...	...	...	...	...	...		
2919 Other general purpose machinery	...	...	...	...	...	...	...	...	...	...	...		



292 Special purpose machinery	2383.9	3422.4	5673.7	...	969.7	1371.9	2247.4	...	9217.3	...
2921 Agricultural and forestry machinery	655.8	951.5	1214.4	...	250.4	359.6	449.0	...	1470.2	...
2922 Machine tools	252.7	280.0	575.1	...	87.1	98.7	200.0	...	2018.4	...
2923 Machinery for metallurgy	1475.4g/	2190.9g/	3884.2g/	...	632.2g/	913.6g/	1598.4g/	...	5728.7	...
2924 Machinery for mining & construction	...g/	...g/	...g/	...	...g/	...g/	...g/	...	...	...
2925 Food/beverage/tobacco processing machinery	...g/	...g/	...g/	...	...g/	...g/	...g/	...	...	...
2926 Machinery for textile, apparel and leather	...g/	...g/	...g/	...	...g/	...g/	...g/	...	...	...
2927 Weapons and ammunition	...g/	...g/	...g/	...	...g/	...g/	...g/	...	...	...
2929 Other special purpose machinery	...g/	...g/	...g/	...	...g/	...g/	...g/	...	...	...
2930 Domestic appliances n.e.c.	381.8	707.0	1028.3	...	162.1	324.3	457.2	...	...	...
3000 Office, accounting and computing machinery	182.3	411.5	1141.0	...	40.4	106.4	305.5	...	1943.8	...
3110 Electric motors, generators and transformers	1339.6h/	2201.2h/	4620.5h/	...	548.9h/	867.9h/	1832.7h/	...	1553.6	...
3120 Electricity distribution & control apparatus	...h/	...h/	...h/	...	...h/	...h/	...h/	...	...	...
3130 Insulated wire and cable	...h/	...h/	...h/	...	...h/	...h/	...h/	...	...	...
3140 Accumulators, primary cells and batteries	...h/	...h/	...h/	...	...h/	...h/	...h/	...	...	...
3150 Lighting equipment and electric lamps	...h/	...h/	...h/	...	...h/	...h/	...h/	...	...	...
3190 Other electrical equipment n.e.c.	...h/	...h/	...h/	...	...h/	...h/	...h/	...	...	...
3210 Electronic valves, tubes, etc.	919.5i/	1447.5i/	2318.0i/	...	415.7i/	677.6i/	1082.8i/	...	1377.6	...
3220 TV/radio transmitters; line comm. apparatus	...i/	...i/	...i/	...	...i/	...i/	...i/	...	...	...
3230 TV and radio receivers and associated goods	...i/	...i/	...i/	...	...i/	...i/	...i/	...	...	...
331 Medical, measuring, testing appliances, etc.	519.6j/	481.2j/	933.7j/	...	271.1j/	236.1j/	429.5j/	...	631.1	...
3311 Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...	...
3312 Measuring/testing/navigation appliances, etc.	...	...	...	...	...	...	...	...	...	...
3313 Industrial process control equipment	...	...	...	...	...	...	...	...	...	...
3320 Optical instruments & photographic equipment	...j/	...j/	...j/	...	...j/	...j/	...j/	...	...	...
3330 Watches and clocks	...j/	...j/	...j/	...	...j/	...j/	...j/	...	...	...
3410 Motor vehicles	2017.9k/	4268.1k/	8373.6k/	...	657.4k/	1260.5k/	2437.4k/	...	5036.8	...
3420 Automobile bodies, trailers & semi-trailers	...k/	...k/	...k/	...	...k/	...k/	...k/	...	...	...
3430 Parts/accessories for automobiles	...k/	...k/	...k/	...	...k/	...k/	...k/	...	...	...
351 Building and repairing of ships and boats	485.9	722.0	1894.2	...	163.1	261.2	690.3	...	629.5	...
3511 Building and repairing of ships	...	...	...	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	292.8	726.6	1558.4	...	84.9	202.5	411.4	...	340.6	...
3530 Aircraft and spacecraft	69.9	108.2	309.7	...	27.7	45.0	131.5	...	460.0	...
359 Transport equipment n.e.c.	44.4	61.6	84.6	...	27.3	37.8	54.4	...	...	...
3591 Motorcycles	...	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...
3610 Furniture	1867.3	3108.4	6775.2	...	639.8	951.0	2061.3	...	1226.5	...
369 Manufacturing n.e.c.	370.3	530.7	1090.7	...	180.4	226.0	469.2	...	...	...
3691 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...
3692 Musical instruments	...	...	...	...	...	...	...	...	...	...
3693 Sports goods	...	...	...	...	...	...	...	...	...	...
3694 Games and toys	...	...	...	...	...	...	...	...	...	...
3699 Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...
3710 Recycling of metal waste and scrap	...	...	...	...	...	...	...	...	...	...
3720 Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...	...	...
D Total manufacturing	59009.2	99701.8	211046.5	...	19086.5	31468.5	65123.4	...	26896.3	...

a/ 1531 includes 1532.

b/ 171 includes 172 and 1730.

c/ 191 includes 1920.

d/ 2010 includes 202.

e/ 221 includes 222 and 2230.

f/ 281 includes 289.

g/ 2923 includes 2924, 2925, 2926, 2927 and 2929.

h/ 3110 includes 3120, 3130, 3140, 3150 and 3190.

i/ 3210 includes 3220 and 3230.

j/ 331 includes 3320 and 3330.

k/ 3410 includes 3420 and 3430.

## Romania

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		114	114	114	100	83	68	59	67	69	70	59	58
16	Tobacco products		...	...	118	100	102	102	89	84	89	95	99	111
17	Textiles		116	119	118	100	87	61	59	59	59	56	49	40
18	Wearing apparel, fur		113	120	124	100	93	65	62	88	110	137	151	75
19	Leather, leather products and footwear		110	109	113	100	88	63	61	68	74	76	75	63
20	Wood products (excl. furniture)		118	123	127	100	79	65	59	49	49	53	49	41
21	Paper and paper products		132	136	139	100	69	52	47	47	62	64	55	40
22	Printing and publishing		119	120	118	100	83	84	122	211	264	306	267	86
23	Coke, refined petroleum products, nuclear fuel		125	132	130	100	64	57	56	65	66	61	59	58
24	Chemicals and chemical products		126	131	126	100	65	57	59	54	59	52	40	32
25	Rubber and plastics products		...	...	126	100	75	53	56	45	48	48	38	32
26	Non-metallic mineral products		124	129	131	100	76	52	88	80	89	98	93	78
27	Basic metals		128	132	128	100	74	52	55	57	67	62	63	62
28	Fabricated metal products		145	148	147	100	87	61	56	48	58	36	51	30
29	Machinery and equipment n.e.c.		111	114	102	100	72	54	55	51	63	78	69	46
30	Office, accounting and computing machinery		...	...	124	100	63	47	34	37	40	52	28	...
31	Electrical machinery and apparatus		91	95	91	100	75	49	53	81	103	119	132	94
32	Radio, television and communication equipment		...	...	137	100	100	61	72	144	184	247	256	174
33	Medical, precision and optical instruments		...	...	138	100	89	63	62	54	73	93	91	62
34	Motor vehicles, trailers, semi-trailers		...	...	123	100	80	57	70	63	64	108	104	117
35	Other transport equipment		...	...	130	100	85	67	75	56	68	71	78	87
36	Furniture; manufacturing n.e.c.		...	...	104	100	99	81	104	116	152	216	210	137
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		138	137	129	100	76	54	54	56	63	67	63	52

## RUSSIAN FEDERATION

**Supplier of information:**

Russian Federation State Committee on Statistics, Moscow.

**Basic source of data:**

Not reported.

**Major deviations from ISIC (Revision 2):**

None reported.

**Reference period (if not calendar year):****Scope:**

All enterprises having independent financial accounts.

**Method of enumeration:**

Not reported.

**Adjusted for non-response:**

Yes.

**Concepts and definitions of variables:**

Figures for wages and salaries were computed by UNIDO from reported wages and salaries per employee.

**Related national publications:**

## Russian Federation

ISIC Revision 2 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid a/ to employees						
	Note	(numbers)				Note	(thousands)				Note	(billion ROUBLES)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998b/
311/2 Food products		13200	16960	18850	20847		1468	1415	1380	1349		9783.7	15451.1	17172.5	17729.3
3111 Slaughtering, preparing & preserving meat		1963	2838	3016	3371		247	243	227	236		1371.5	2280.8	2506.4	2539.6
3112 Dairy products		2054	2335	2582	2766		214	206	200	176		1205.6	1811.6	2274.2	2274.5
3113 Canning, preserving of fruits & vegetables		539	560	671	694		65	57	53	43		203.8	274.0	302.2	264.5
3114 Canning, preserving and processing of fish		1611	1858	2767	2558		220	200	174	143		2460.5	3338.0	3087.6	2371.8
3115 Vegetable and animal oils and fats		544	811	889	975		42	47	51	33		283.7	503.5	561.0	523.8
3116 Grain mill products		604	562	738	1383		96	82	99	115		653.4	986.5	1258.2	1487.3
3117 Bakery products		4139	5719	5880	6793		345	354	354	322		2240.2	4010.0	4555.2	4737.6
3118 Sugar factories and refineries		165	178	101	99		54	55	54	53		266.2	465.3	467.1	586.4
3119 Cocoa, chocolate and sugar confectionery		793	1034	1105	1062		99	98	97	83		647.1	1159.3	1479.0	1583.0
3121 Other food products		372	605	642	619		26	24	23	106		129.4	193.1	228.4	932.7
3122 Prepared animal feeds		416	460	2611	527		60	51	47	41		319.4	429.1	453.4	428.2
313 Beverages		1255	1682	1938	2512		153	160	174	163		944.4	1759.6	2679.2	3472.6
3131 Distilling, rectifying and blending spirits		276	307	358	597		57	57	62	65		363.7	559.4	896.4	1111.0
3132 Wine industries		244	283	325	432		28	25	26	28		153.5	263.1	346.2	400.6
3133 Malt liquors and malt		361	504	533	482		47	50	52	49		318.6	675.4	925.5	1167.0
3134 Soft drinks and carbonated waters		374	588	722	1001		21	29	34	22		108.4	261.7	511.1	787.9
314 Tobacco		52	47	47	53		13	15	17	18		119.4	257.7	452.8	667.8
321 Textiles		3965	3950	3872	3768		606	517	452	446		1973.0	2699.8	2921.0	3148.0
3211 Spinning, weaving and finishing textiles		970	963	953	847		348	304	273	298		1112.1	1562.7	1679.8	1983.8
3212 Made-up textile goods excl. wearing apparel		122	133	126	179		18	13	10	10		48.0	63.1	68.3	78.7
3213 Knitting mills		2169	2109	2108	1915		138	109	90	70		370.9	486.5	531.3	446.5
3214 Carpets and rugs		137	104	68	48		45	37	32	28		131.1	167.4	175.2	178.8
3215 Cordage, rope and twine		49	53	55	75		9	8	7	6		50.9	65.9	59.8	59.0
3219 Other textiles		518	588	562	704		49	45	41	34		260.5	354.1	406.6	401.3
322 Wearing apparel, except footwear		12673	12958	12592	11795		502	425	388	309		1244.9	1723.7	1916.4	1744.5
323 Leather and fur products		1717	1861	1861	1693		86	71	64	66		372.9	391.6	443.7	482.1
3231 Tanneries and leather finishing		240	235	229	233		27	19	18	39		166.1	116.5	136.2	254.8
3232 Fur dressing and dyeing industries		1063	1128	1116	1073		38	35	32	17		141.0	192.8	228.7	144.2
3233 Leather prods. excl. wearing apparel		474	498	516	387		21	17	14	11		65.1	82.3	78.8	83.1
324 Footwear, except rubber or plastic		1676	1774	1713	1628		119	102	86	62		364.8	518.1	548.8	444.9
331 Wood products, except furniture		7396	9005	9544	9269		452	424	389	373		2199.9	3144.5	3414.4	3451.4
3311 Sawmills, planing and other wood mills		5838	7373	7845	7384		385	368	339	247		1928.0	2785.5	3026.1	2483.8
3312 Wooden and cane containers		453	433	434	353		18	15	11	6		64.2	84.0	71.6	38.6
3319 Other wood and cork products		1105	1199	1265	1532		48	41	39	120		203.6	274.9	316.7	929.0
332 Furniture and fixtures, excl. metal		4816	6010	6243	5564		237	203	179	90		927.9	1240.4	1459.1	780.4
341 Paper and products		502	598	679	898		172	166	157	170		1584.3	2139.3	2294.7	2679.0
3411 Pulp, paper and paperboard articles		144	152	156	236		150	146	137	151		1456.8	1950.2	2068.1	2400.2
3412 Containers of paper and paperboard		143	179	184	238		12	10	11	12		77.1	104.9	128.8	170.9
3419 Other pulp, paper and paperboard articles		215	267	339	424		10	9	9	7		50.7	84.2	97.8	107.9
342 Printing and publishing		3874	4235	4924	4441		123	111	110	108		702.2	1142.1	1447.6	1590.0
351 Industrial chemicals		750	856	994	1026		579	539	516	511		3709.6	5480.5	6537.3	7629.2
3511 Basic chemicals excl. fertilizers		514	568	677	769		379	349	339	334		2540.3	3726.3	4471.2	5310.6
3512 Fertilizers and pesticides		81	97	90	50		44	41	40	36		262.9	387.7	467.8	475.5
3513 Synthetic resins and plastic materials		155	191	227	207		155	149	138	141		906.5	1366.5	1598.2	1843.1
352 Other chemicals		2169	2587	3177	3588		194	190	187	190		1159.2	2027.8	2472.3	3113.1
3521 Paints, varnishes and lacquers		329	393	329	526		34	36	35	33		190.5	380.6	418.1	511.9
3522 Drugs and medicines		852	910	1191	1529		83	81	78	91		472.3	805.4	1002.4	1482.4
3523 Soap, cleaning preps., perfumes, cosmetics		296	490	586	510		17	16	18	11		115.5	183.1	250.5	227.8
3529 Other chemical products		692	794	1071	1023		61	58	57	55		382.7	658.7	801.3	890.9
353 Petroleum refineries		171	272	243	323		117	132	130	120		1519.2	2716.1	3228.4	3191.9

354 Misc. petroleum and coal products		339	354	378	409		83	75	82	86		757.2	1240.7	1798.1	2231.7
355 Rubber products		642	750	876	683		142	138	134	123		744.4	1357.0	1591.1	1568.4
3551 Tyres and tubes		143	151	187	179		55	55	57	54		352.0	652.5	772.4	747.2
3559 Other rubber products		499	599	689	504		87	83	77	69		392.5	704.5	818.8	821.2
356 Plastic products		1866	2337	2801	2662		81	82	81	40		364.0	598.8	732.4	373.3
361 Pottery, china, earthenware		739	846	836	702		35	31	29	24		138.0	204.6	223.7	227.9
362 Glass and products		727	821	669	999		96	88	86	78		448.3	684.8	777.1	812.6
369 Other non-metallic mineral products		6698	8038	8215	8129		870	775	694	592		5386.0	7573.5	7935.4	7364.5
3691 Structural clay products		195	470	456	251		52	50	48	44		314.0	546.5	696.0	649.2
3692 Cement, lime and plaster		307	318	353	308		72	70	69	66		472.0	727.1	856.8	893.2
3699 Other non-metallic mineral products		6196	7250	7397	7570		745	655	577	482		4599.4	6299.9	6382.5	5822.1
371 Iron and steel		1115	1602	1457	1705		644	625	568	560		4627.7	8230.1	8576.0	8983.3
372 Non-ferrous metals		832	1147	881	991		221	223	226	198		3763.3	5848.8	6630.5	6772.6
381 Fabricated metal products		6927	8000	8104	7889		321	310	281	221		1545.2	2462.9	2491.4	2213.1
3811 Cutlery, hand tools and general hardware		2727	3056	3175	2973		90	84	80	58		384.3	577.9	656.6	530.4
3812 Furniture and fixtures primarily of metal		1927	2164	2109	2032		76	69	64	32		308.3	420.4	454.0	197.8
3813 Structural metal products		1534	1887	1909	1965		103	107	85	62		664.6	1175.3	978.0	821.3
3819 Other fabricated metal products		739	893	911	919		52	51	52	69		188.1	289.3	402.8	663.6
382 Non-electrical machinery		14960	18899	19179	18934		2331	2118	1966	2025		10602.3	16173.5	17987.8	22096.5
3821 Engines and turbines		173	204	209	259		125	120	124	101		653.8	1072.0	1366.1	1259.2
3822 Agricultural machinery and equipment		974	1015	726	937		453	405	387	346		1493.5	2171.6	2395.5	2048.7
3823 Metal and wood working machinery		951	1225	1333	1058		156	136	133	425		680.2	912.7	1247.8	5065.8
3824 Other special industrial machinery		4323	4501	4723	5134		482	454	399	371		2800.0	4681.8	4448.2	5364.5
3825 Office, computing and accounting machinery		4529	6995	7231	6987		98	89	77	47		365.6	513.8	582.6	451.4
3829 Other non-electrical machinery & equipment		4010	4959	4957	4559		1018	914	847	736		4609.1	6821.7	7947.5	7906.8
383 Electrical machinery		2808	3630	3630	3228		471	440	409	352		1710.9	3188.6	3694.8	3639.5
3831 Electrical industrial machinery		1885	2547	2548	2347		341	319	294	248		1402.3	2164.8	2522.8	2443.3
3832 Radio, television and communication equipm.	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
3833 Electrical appliances and housewares	c/	465	483	456	296	c/	18	16	18	17	c/	70.3	86.5	125.5	137.3
3839 Other electrical apparatus and supplies	c/	458	600	626	585	c/	112	105	97	87	c/	579.8	937.3	1046.5	1059.0
384 Transport equipment		4204	5118	5048	5932		1181	1080	1037	973		7283.4	11032.1	13103.5	13955.5
3841 Shipbuilding and repairing	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
3842 Railroad equipment	c/	268	322	337	327	c/	196	169	152	155	c/	1256.7	1664.4	1737.5	1850.6
3843 Motor vehicles	c/	3609	4470	4362	4769	c/	778	731	712	662	c/	5515.7	7943.5	9431.2	10044.3
3844 Motorcycles and bicycles	c/	28	28	30	59	c/	19	17	18	17	c/	60.6	80.5	123.0	128.3
3845 Aircraft	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
3849 Other transport equipment	c/	299	298	319	777	c/	188	164	156	139	c/	988.6	1343.7	1811.8	1932.4
385 Professional and scientific equipment		2643	3034	3154	3406		265	263	146	103		967.3	1301.3	1152.0	1409.3
3851 Prof. and scientific equipment n.e.c.		2437	2766	2874	3137		157	155	74	60		571.2	905.2	585.7	1062.4
3852 Photographic and optical goods		151	200	214	199		66	66	48	26		284.2	276.3	439.5	242.4
3853 Watches and clocks		55	68	66	70		42	42	23	17		119.9	119.9	126.8	104.4
390 Other manufacturing industries		10598	8770	6463	5098		260	231	173	173		1112.0	1560.1	1421.9	1529.8
3901 Jewellery and related articles		369	430	417	465		23	21	18	15		127.2	213.3	230.7	210.2
3902 Musical instruments		155	102	215	95		7	5	5	4		19.7	22.2	26.2	24.5
3903 Sporting and athletic goods		122	165	157	118		2	3	2	1		9.9	20.0	20.4	11.0
3909 Manufacturing industries, n.e.c.		9952	8073	5674	4420		228	203	148	153		955.2	1304.6	1144.5	1284.0
3 Total manufacturing	d/	112496	129359	131478	131269	d/	13181	12139	11268	10535	d/	72980.6	110562.0	115103.7	123302.2

a/ Monthly average per employee.

b/ For the sake of comparability, data are still expressed in the previous currency.

c/ Data suppressed due to confidentiality rules.

d/ Including ISIC 3832, 3841 and 3845.

Russian Federation

ISIC Revision 2	Output in producers' prices					Value added					Gross fixed capital formation		
	ISIC Industry	Note	(billion ROUBLES)				Note	(billion ROUBLES)				(million ROUBLES)	
			1995	1996	1997	1998a/		1995	1996	1997	1998a/	1997	1998
311/2 Food products		125539	163512	164896	179591		39992	52488	52359	57188		...	...
3111 Slaughtering, preparing & preserving meat		29555	37048	37377	37935		6906	10464	9955	9730		...	...
3112 Dairy products		22226	25838	28813	33461		5416	7471	8052	9425		...	...
3113 Canning, preserving of fruits & vegetables		1821	2158	2216	2377		755	806	777	789		...	...
3114 Canning, preserving and processing of fish		13790	15527	11477	18532		6179	6549	5384	6266		...	...
3115 Vegetable and animal oils and fats		4890	5655	5616	6982		1872	1934	1982	2390		...	...
3116 Grain mill products		14243	22713	20988	19247		4472	5399	4765	4962		...	...
3117 Bakery products		19465	29325	29642	29915		7270	11507	11965	12959		...	...
3118 Sugar factories and refineries		3370	4377	4111	5121		1296	1225	1241	1859		...	...
3119 Cocoa, chocolate and sugar confectionery		8333	11376	14651	17092		3316	4793	6017	6759		...	...
3121 Other food products		1313	1409	1735	1671		762	662	697	745		...	...
3122 Prepared animal feeds		6533	8086	8270	7258		1748	1678	1524	1304		...	...
313 Beverages		8407	14037	23517	28596		4002	6290	11590	14535		...	...
3131 Distilling, rectifying and blending spirits		3339	4269	7762	7963		1447	1502	3672	3999		...	...
3132 Wine industries		1244	1983	2959	3821		554	877	1386	1634		...	...
3133 Malt liquors and malt		2699	5177	7969	10974		1468	2801	4159	6501		...	...
3134 Soft drinks and carbonated waters		1125	2608	4827	5838		533	1110	2373	2401		...	...
314 Tobacco		1847	2767	5813	10998		845	1072	1981	5283		...	...
321 Textiles		13904	13237	13388	13004		5541	4306	5081	4622		...	...
3211 Spinning, weaving and finishing textiles		8031	7255	7774	7004		3225	2062	2826	2213		...	...
3212 Made-up textile goods excl. wearing apparel		308	290	280	336		233	145	151	185		...	...
3213 Knitting mills		1825	1795	1628	1629		886	833	719	745		...	...
3214 Carpets and rugs		921	848	421	405		301	260	272	236		...	...
3215 Cordage, rope and twine		251	330	298	292		100	129	115	109		...	...
3219 Other textiles		2568	2719	2987	3338		796	877	998	1134		...	...
322 Wearing apparel, except footwear		6167	7390	7638	7406		3158	3465	3473	3467		...	...
323 Leather and fur products		2018	2203	2181	1594		964	959	838	585		...	...
3231 Tanneries and leather finishing		818	733	866	557		360	274	275	163		...	...
3232 Fur dressing and dyeing industries		876	1073	968	826		425	488	402	326		...	...
3233 Leather prods. excl. wearing apparel		324	397	347	211		179	197	161	96		...	...
324 Footwear, except rubber or plastic		2114	2843	2232	1864		924	1202	899	775		...	...
331 Wood products, except furniture		11718	14255	15546	16426		4386	5329	5293	6633		...	...
3311 Sawmills, planing and other wood mills		10251	12609	13792	14448		3801	4689	4795	5836		...	...
3312 Wooden and cane containers		366	367	275	221		135	133	113	81		...	...
3319 Other wood and cork products		1101	1279	1479	1757		450	507	385	716		...	...
332 Furniture and fixtures, excl. metal		6419	7024	7911	7769		2364	2706	3044	3132		...	...
341 Paper and products		20925	16577	16177	20973		8360	4485	5281	8259		...	...
3411 Pulp, paper and paperboard articles		19164	14821	14338	18707		7617	3762	4578	7366		...	...
3412 Containers of paper and paperboard		1186	1086	1126	1505		434	419	405	561		...	...
3419 Other pulp, paper and paperboard articles		572	670	713	761		309	304	298	332		...	...
342 Printing and publishing		3404	5346	5964	6619		1956	3090	3608	3827		...	...
351 Industrial chemicals		53093	54187	58512	62079		16421	15053	16304	19359		...	...
3511 Basic chemicals excl. fertilizers		34944	34714	39206	40895		11650	11095	12210	14285		...	...
3512 Fertilizers and pesticides		3510	3546	3994	5647		713	443	551	1514		...	...
3513 Synthetic resins and plastic materials		14639	15927	15312	15537		4058	3515	3543	3560		...	...
352 Other chemicals		13692	21465	21832	26194		6238	9521	9883	13216		...	...
3521 Paints, varnishes and lacquers		3494	4264	3494	4076		1463	1550	1365	1418		...	...
3522 Drugs and medicines		4629	6311	9271	10336		2201	2846	4143	5290		...	...
3523 Soap, cleaning preps., perfumes, cosmetics		1626	5221	2288	2649		726	2323	1034	1358		...	...
3529 Other chemical products		3943	5669	6779	9133		1848	2802	3341	5150		...	...
353 Petroleum refineries		49016	58969	50889	35156		14965	14363	12035	10934		...	...

354 Misc. petroleum and coal products		12746	17000	19958	21062		44 19	6464	8007	10203	...	...
355 Rubber products		10277	15754	17384	15530		3675	4702	4719	3765	...	...
3551 Tyres and tubes		5960	9778	10696	9065		1956	2584	2405	1587	...	...
3559 Other rubber products		4317	5976	6688	6465		1719	2118	2314	2178	...	...
356 Plastic products		3245	4242	4401	5207		1360	1603	1550	1855	...	...
361 Pottery, china, earthenware		2665	2992	3335	3290		1259	1349	1932	1435	...	...
362 Glass and products		3382	4140	4455	4918		1584	1661	1718	2102	...	...
369 Other non-metallic mineral products		41241	49933	47173	44752		16091	21951	18576	17596	...	...
3691 Structural clay products		2870	2033	3010	3838		1565	1885	1988	1885	...	...
3692 Cement, lime and plaster		5722	7433	7964	8056		1949	2767	3002	2586	...	...
3699 Other non-metallic mineral products		32649	40467	36199	32858		12577	17299	13586	13125	...	...
371 Iron and steel		79991	91941	94449	96021		23534	24897	23590	29037	...	...
372 Non-ferrous metals		48295	50617	41218	65850		24676	23261	23134	39761	...	...
381 Fabricated metal products		10024	14563	13712	13427		4698	6812	6183	6129	...	...
3811 Cutlery, hand tools and general hardware		2226	3100	2755	3010		1112	1574	1228	1426	...	...
3812 Furniture and fixtures primarily of metal		2163	2659	2538	2532		979	1212	1108	1042	...	...
3813 Structural metal products		4163	7052	5622	5197		1950	3277	2578	2239	...	...
3819 Other fabricated metal products		1472	1752	2797	2688		657	749	1269	1422	...	...
382 Non-electrical machinery		61473	95790	78019	72489		34611	33122	32781	29602	...	...
3821 Engines and turbines		4576	6725	7077	7258		2308	3231	3286	3782	...	...
3822 Agricultural machinery and equipment		5401	7445	5496	4602		2812	3830	3623	2497	...	...
3823 Metal and wood working machinery		2546	3126	3966	3020		1712	1752	2590	1917	...	...
3824 Other special industrial machinery		15932	20816	21891	18440		9604	11544	11628	10338	...	...
3825 Office, computing and accounting machinery		2526	4505	3871	4191		1364	2234	2130	1902	...	...
3829 Other non-electrical machinery & equipment		30492	53173	35718	34978		16811	10531	9524	9166	...	...
383 Electrical machinery		16257	18913	20375	19869		8398	9681	10048	9821	...	...
3831 Electrical industrial machinery	b/	8516	10661	11818	11534		5487	6296	6515	6342	...	...
3832 Radio, television and communication equipm.	b/	...	...	...	...		...	...	...	...	...	...
3833 Electrical appliances and housewares	b/	506	467	523	617		212	192	244	243	...	...
3839 Other electrical apparatus and supplies	b/	7235	7785	8034	7718		2699	3193	3289	3236	...	...
384 Transport equipment		53522	72121	96380	104562		9458	27172	31059	32052	...	...
3841 Shipbuilding and repairing	b/	...	...	...	...		...	...	...	...	...	...
3842 Railroad equipment	b/	8832	11891	10618	9602		4455	4801	4820	4237	...	...
3843 Motor vehicles	b/	43367	58442	68514	68083		3993	20996	24170	24712	...	...
3844 Motorcycles and bicycles	b/	296	356	787	600		75	72	251	201	...	...
3845 Aircraft	b/	...	...	...	...		...	...	...	...	...	...
3849 Other transport equipment	b/	1027	1432	16461	26277		935	1303	1818	2902	...	...
385 Professional and scientific equipment		4130	5642	6076	5721		2591	4007	3455	3520	...	...
3851 Prof. and scientific equipment n.e.c.		2755	4157	4279	4652		1705	3050	2302	2894	...	...
3852 Photographic and optical goods		931	1086	1416	771		628	704	948	448	...	...
3853 Watches and clocks		444	399	381	298		258	253	205	178	...	...
390 Other manufacturing industries		9521	11411	12243	13327		4154	5645	6253	6568	...	...
3901 Jewellery and related articles		2408	2631	2063	3612		484	699	416	1121	...	...
3902 Musical instruments		69	77	133	104		41	38	55	48	...	...
3903 Sporting and athletic goods		44	85	69	64		19	33	40	45	...	...
3909 Manufacturing industries, n.e.c.		7000	8618	9978	9547		3610	4875	5742	5354	...	...
3 Total manufacturing	c/	697497	871806	880187	928119	c/	266232	300187	335018	347826	...	...

a/ For the sake of comparability, data are still expressed in the previous currency.

b/ Data suppressed due to confidentiality rules.

c/ Including ISIC 3832, 3841 and 3845.

Russian Federation

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products	a/	...	...	...	100	93	86	82	67	58	52	49	49
313 Beverages	a/	...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco		...	...	...	100	93	86	82	80	83	81	101	119
321 Textiles		...	...	...	100	82	63	48	25	18	14	13	9
322 Wearing apparel, except footwear		...	...	...	100	85	70	59	28	19	16	14	12
323 Leather and fur products	b/	...	...	...	100	85	70	55	26	18	13	11	8
324 Footwear, except rubber or plastic	b/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	...	...	100	89	78	63	40	44	36	30	29
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		...	...	...	100	89	78	63	47	58	47	48	50
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals	c/	...	...	...	100	86	71	57	42	44	39	38	38
352 Other chemicals	c/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	d/	...	...	...	100	89	78	59	51	52	52	50	47
354 Misc. petroleum and coal products	d/	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	e/	...	...	...	100	88	77	65	56	60	59	60	57
372 Non-ferrous metals	e/	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	100	85	75	63	46	32	24	20	18
383 Electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

a/ 311/2 includes 313.  
b/ 323 includes 324.  
c/ 351 includes 352.  
d/ 353 includes 354.  
e/ 371 includes 372.



**SAINT LUCIA**

<p><b>Supplier of information:</b> Government Statistics Department, Castries.</p> <p><b>Basic source of data:</b> Not reported.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Not reported.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b></p>
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Saint Lucia

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million DOLLARS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
311/2 Food products		36	36	34	35		...	...	...	...		5.8	6.4	6.3	6.1
3111 Slaughtering, preparing & preserving meat		1	1	1	1		...	...	...	...		0.1	0.1	0.1	0.1
3112 Dairy products		3	3	3	3		...	...	...	...		0.9	0.9	1.0	0.9
3113 Canning, preserving of fruits & vegetables		4	3	3	2		...	...	...	...		0.1	-	0.1	0.1
3114 Canning, preserving and processing of fish		-	-	-	-		...	...	...	...		-	-	-	-
3115 Vegetable and animal oils and fats		2	2	1	1		...	...	...	...		1.2	1.2	0.9	0.7
3116 Grain mill products		-	-	-	-		...	...	...	...		-	-	-	-
3117 Bakery products		20	21	22	24		...	...	...	...		2.7	3.2	3.1	3.3
3118 Sugar factories and refineries		-	-	-	-		...	...	...	...		-	-	-	-
3119 Cocoa, chocolate and sugar confectionery		1	1	1	1		...	...	...	...		-	-	-	-
3121 Other food products		5	5	3	3		...	...	...	...		0.8	1.0	1.1	1.0
3122 Prepared animal feeds		-	-	-	-		...	...	...	...		-	-	-	-
313 Beverages		6	7	7	7		...	...	...	...		8.0	8.6	10.5	12.3
3131 Distilling, rectifying and blending spirits		3	3	3	3		...	...	...	...		0.9	1.9	2.0	2.4
3132 Wine industries		1	1	1	1		...	...	...	...		-	-	-	-
3133 Malt liquors and malt		1	1	1	1		...	...	...	...		4.6	4.6	6.4	7.1
3134 Soft drinks and carbonated waters		2	2	2	2		...	...	...	...		2.5	2.1	2.1	2.8
314 Tobacco		1	1	1	1		...	...	...	...		0.6	0.6	0.6	0.5
321 Textiles		4	4	4	4		...	...	...	...		-	4.2	4.1	4.1
3211 Spinning, weaving and finishing textiles		-	-	-	-		...	...	...	...		-	-	-	-
3212 Made-up textile goods excl. wearing apparel		4	4	4	4		...	...	...	...		-	4.2	4.1	4.1
3213 Knitting mills		-	-	-	-		...	...	...	...		-	-	-	-
3214 Carpets and rugs		-	-	-	-		...	...	...	...		-	-	-	-
3215 Cordage, rope and twine		-	-	-	-		...	...	...	...		-	-	-	-
3219 Other textiles		4	4	4	4		...	...	...	...		-	-	-	-
322 Wearing apparel, except footwear		17	19	17	23		...	...	...	...		4.4	5.2	4.1	4.3
323 Leather and fur products		-	-	-	-		...	...	...	...		-	-	-	-
3231 Tanneries and leather finishing		-	-	-	-		...	...	...	...		-	-	-	-
3232 Fur dressing and dyeing industries		-	-	-	-		...	...	...	...		-	-	-	-
3233 Leather prods. excl. wearing apparel		-	-	-	-		...	...	...	...		-	-	-	-
324 Footwear, except rubber or plastic		-	-	-	-		...	...	...	...		-	-	-	-
331 Wood products, except furniture		-	-	-	-		...	...	...	...		-	-	-	-
3311 Sawmills, planing and other wood mills		-	-	-	-		...	...	...	...		-	-	-	-
3312 Wooden and cane containers		-	-	-	-		...	...	...	...		-	-	-	-
3319 Other wood and cork products		-	-	-	-		...	...	...	...		-	-	-	-
332 Furniture and fixtures, excl. metal		22	22	23	23		...	...	...	...		1.2	1.0	1.0	0.7
341 Paper and products		4	4	4	4		...	...	...	...		6.2	7.0	6.9	6.8
3411 Pulp, paper and paperboard articles		-	-	-	-		...	...	...	...		-	-	-	-
3412 Containers of paper and paperboard		2	2	2	2		...	...	...	...		5.6	6.3	6.2	6.2
3419 Other pulp, paper and paperboard articles		2	2	2	2		...	...	...	...		0.6	0.7	0.7	0.6
342 Printing and publishing		21	21	21	21		...	...	...	...		3.9	3.5	3.5	3.6
351 Industrial chemicals		1	1	1	1		...	...	...	...		0.3	0.4	0.4	0.2
3511 Basic chemicals excl. fertilizers		1	1	1	1		...	...	...	...		0.3	0.4	0.4	0.2
3512 Fertilizers and pesticides		-	-	-	-		...	...	...	...		-	-	-	-
3513 Synthetic resins and plastic materials		-	-	-	-		...	...	...	...		-	-	-	-
352 Other chemicals		10	9	9	8		...	...	...	...		1.4	1.6	1.9	2.0
3521 Paints, varnishes and lacquers		3	2	2	2		...	...	...	...		0.4	0.4	0.6	0.5
3522 Drugs and medicines		-	-	-	-		...	...	...	...		-	-	-	-
3523 Soap, cleaning preps., perfumes, cosmetics		6	6	6	5		...	...	...	...		0.8	0.9	1.0	1.0
3529 Other chemical products		1	1	1	1		...	...	...	...		0.2	0.3	0.3	0.5
353 Petroleum refineries		-	-	-	-		...	...	...	...		-	-	-	-

354 Misc. petroleum and coal products	-	-	-	-	...	...	...	...	-	-	-	-
355 Rubber products	3	3	3	3	...	...	...	...	0.4	0.4	0.4	0.4
3551 Tyres and tubes	1	1	1	1	...	...	...	...	0.4	0.4	0.4	0.4
3559 Other rubber products	2	2	2	...	...	...	...	...	...	...	...	...
356 Plastic products	3	2	2	2	...	...	...	...	0.9	0.1	0.1	0.1
361 Pottery, china, earthenware	1	1	1	1	...	...	...	...	-	-	-	-
362 Glass and products	-	-	-	-	...	...	...	...	-	-	-	-
369 Other non-metallic mineral products	-	-	-	-	...	...	...	...	-	-	-	-
3691 Structural clay products	-	-	-	-	...	...	...	...	-	-	-	-
3692 Cement, lime and plaster	-	-	-	-	...	...	...	...	-	-	-	-
3699 Other non-metallic mineral products	-	-	-	-	...	...	...	...	-	-	-	-
371 Iron and steel	-	-	-	-	...	...	...	...	-	-	-	-
372 Non-ferrous metals	-	-	-	-	...	...	...	...	-	-	-	-
381 Fabricated metal products	5	5	5	4	...	...	...	...	1.4	1.4	1.4	1.3
3811 Cutlery, hand tools and general hardware	-	-	-	-	...	...	...	...	-	-	-	-
3812 Furniture and fixtures primarily of metal	1	1	1	1	...	...	...	...	...	...	...	...
3813 Structural metal products	1	1	1	1	...	...	...	...	...	...	...	...
3819 Other fabricated metal products	3	3	3	2	...	...	...	...	1.4	1.4	1.4	1.3
382 Non-electrical machinery	-	-	-	-	...	...	...	...	-	-	-	-
3821 Engines and turbines	-	-	-	-	...	...	...	...	-	-	-	-
3822 Agricultural machinery and equipment	-	-	-	-	...	...	...	...	-	-	-	-
3823 Metal and wood working machinery	-	-	-	-	...	...	...	...	-	-	-	-
3824 Other special industrial machinery	-	-	-	-	...	...	...	...	-	-	-	-
3825 Office, computing and accounting machinery	-	-	-	-	...	...	...	...	-	-	-	-
3829 Other non-electrical machinery & equipment	-	-	-	-	...	...	...	...	-	-	-	-
383 Electrical machinery	8	7	7	7	...	...	...	...	1.5	1.2	1.5	1.4
3831 Electrical industrial machinery	-	-	-	-	...	...	...	...	-	-	-	-
3832 Radio, television and communication equipm.	-	-	-	-	...	...	...	...	0.3	-	-	-
3833 Electrical appliances and housewares	1	1	1	1	...	...	...	...	1.2	1.2	1.5	1.4
3839 Other electrical apparatus and supplies	7	6	6	6	...	...	...	...	-	-	-	-
384 Transport equipment	-	-	-	-	...	...	...	...	-	-	-	-
3841 Shipbuilding and repairing	-	-	-	-	...	...	...	...	-	-	-	-
3842 Railroad equipment	-	-	-	-	...	...	...	...	-	-	-	-
3843 Motor vehicles	-	-	-	-	...	...	...	...	-	-	-	-
3844 Motorcycles and bicycles	-	-	-	-	...	...	...	...	-	-	-	-
3845 Aircraft	-	-	-	-	...	...	...	...	-	-	-	-
3849 Other transport equipment	-	-	-	-	...	...	...	...	-	-	-	-
385 Professional and scientific equipment	-	-	-	-	...	...	...	...	-	-	-	-
3851 Prof. and scientific equipment n.e.c.	-	-	-	-	...	...	...	...	-	-	-	-
3852 Photographic and optical goods	-	-	-	-	...	...	...	...	-	-	-	-
3853 Watches and clocks	-	-	-	-	...	...	...	...	-	-	-	-
390 Other manufacturing industries	7	11	11	11	...	...	...	...	0.4	0.5	0.5	0.5
3901 Jewellery and related articles	-	-	-	-	...	...	...	...	-	-	-	-
3902 Musical instruments	-	-	-	-	...	...	...	...	-	-	-	-
3903 Sporting and athletic goods	-	-	-	-	...	...	...	...	-	-	-	-
3909 Manufacturing industries, n.e.c.	7	11	11	11	...	...	...	...	0.4	0.5	0.5	0.5
3 Total manufacturing	149	153	150	155	...	...	...	...	36.4	42.1	43.2	44.3

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ISIC Revision 2 ISIC Industry	Output				Value added				Gross fixed capital formation				
	Note	(million DOLLARS)				Note	(million DOLLARS)				(thousand DOLLARS)		
		1994	1995	1996	1997		1994	1995	1996	1997	Note	1996	1997
311/2 Food products		34.2	40.3	32.4	34.3		9.7	11.5	10.4	10.8		...	...
3111 Slaughtering, preparing & preserving meat		0.9	1.5	1.8	1.3		0.3	0.4	0.5	0.4		...	...
3112 Dairy products		3.8	3.7	4.3	4.2		1.4	1.4	1.8	1.6		...	...
3113 Canning, preserving of fruits & vegetables		0.4	0.5	0.3	0.1		0.2	0.2	0.1	-		...	...
3114 Canning, preserving and processing of fish		-	-	-	-		-	-	-	-		...	...
3115 Vegetable and animal oils and fats		9.7	10.7	4.5	3.8		2.7	3.0	1.3	1.2		...	...
3116 Grain mill products		-	-	-	-		-	-	-	-		...	...
3117 Bakery products		12.4	16.3	13.9	18.2		3.5	4.2	4.6	5.4		...	...
3118 Sugar factories and refineries		-	-	-	-		-	-	-	-		...	...
3119 Cocoa, chocolate and sugar confectionery		-	-	-	-		-	-	-	-		...	...
3121 Other food products		7.0	7.6	7.6	6.7		1.6	2.3	2.1	2.2		...	...
3122 Prepared animal feeds		-	-	-	-		-	-	-	-		...	...
313 Beverages		58.8	80.9	74.9	76.7		22.4	27.7	28.3	28.9		...	...
3131 Distilling, rectifying and blending spirits		8.1	13.4	14.9	12.3		2.2	3.6	5.9	4.3		...	...
3132 Wine industries		0.3	0.3	-	0.2		0.1	0.1	-	0.1		...	...
3133 Malt liquors and malt		36.6	48.0	42.0	46.1		15.5	19.5	16.6	18.9		...	...
3134 Soft drinks and carbonated waters		13.8	19.2	18.0	18.1		4.6	4.5	5.8	5.6		...	...
314 Tobacco		3.8	1.7	2.4	2.2		1.0	1.3	1.6	1.6		...	...
321 Textiles		5.9	6.9	6.2	6.2		3.6	4.4	3.6	3.7		...	...
3211 Spinning, weaving and finishing textiles		-	-	-	-		-	-	-	-		...	...
3212 Made-up textile goods excl. wearing apparel		5.9	6.9	6.2	6.2		3.6	4.4	3.6	3.7		...	...
3213 Knitting mills		-	-	-	-		-	-	-	-		...	...
3214 Carpets and rugs		-	-	-	-		-	-	-	-		...	...
3215 Cordage, rope and twine		-	-	-	-		-	-	-	-		...	...
3219 Other textiles		-	-	-	-		-	-	-	-		...	...
322 Wearing apparel, except footwear		12.2	12.4	11.0	11.8		6.4	6.7	5.5	6.0		...	...
323 Leather and fur products		-	-	-	-		-	-	-	-		...	...
3231 Tanneries and leather finishing		-	-	-	-		-	-	-	-		...	...
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		...	...
3233 Leather prods. excl. wearing apparel		-	-	-	-		-	-	-	-		...	...
324 Footwear, except rubber or plastic		-	-	-	-		-	-	-	-		...	...
331 Wood products, except furniture		-	-	-	-		-	-	-	-		...	...
3311 Sawmills, planing and other wood mills		-	-	-	-		-	-	-	-		...	...
3312 Wooden and cane containers		-	-	-	-		-	-	-	-		...	...
3319 Other wood and cork products		-	-	-	-		-	-	-	-		...	...
332 Furniture and fixtures, excl. metal		10.3	9.5	10.2	11.1		3.1	3.2	3.4	3.7		...	...
341 Paper and products		42.3	56.3	47.4	31.5		8.8	12.5	13.1	7.5		...	...
3411 Pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		...	...
3412 Containers of paper and paperboard		36.7	50.7	42.6	25.7		8.0	11.8	11.6	5.9		...	...
3419 Other pulp, paper and paperboard articles		5.6	5.6	4.8	5.8		0.8	0.7	1.5	1.6		...	...
342 Printing and publishing		13.8	12.4	12.9	14.7		6.0	5.2	5.8	6.2		...	...
351 Industrial chemicals		1.6	1.7	1.8	1.6		1.0	1.0	1.0	0.6		...	...
3511 Basic chemicals excl. fertilizers		1.6	1.7	1.8	1.6		1.0	1.0	1.0	0.6		...	...
3512 Fertilizers and pesticides		-	-	-	-		-	-	-	-		...	...
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-		...	...
352 Other chemicals		11.0	11.0	10.8	11.0		2.5	2.6	2.6	2.4		...	...
3521 Paints, varnishes and lacquers		4.9	5.1	5.3	4.5		0.8	1.1	1.0	0.9		...	...
3522 Drugs and medicines		-	-	-	-		-	-	-	-		...	...
3523 Soap, cleaning preps., perfumes, cosmetics		4.2	3.9	3.3	4.1		1.2	1.1	0.9	1.1		...	...
3529 Other chemical products		1.9	2.0	2.2	2.4		0.5	0.4	0.7	0.4		...	...
353 Petroleum refineries		-	-	-	-		-	-	-	-		...	...

354 Misc. petroleum and coal products	-	-	-	-	-	-	-	-	-	...	...
355 Rubber products	2.0	2.9	2.5	2.5	0.3	0.5	0.3	0.3	...	...	...
3551 Tyres and tubes	2.0	2.9	2.5	2.4	0.3	0.5	0.3	0.3	...	...	...
3559 Other rubber products	...	...	...	0.1	...	...	...	...	...	...	...
356 Plastic products	20.4	7.1	6.4	7.2	4.7	3.3	2.9	3.2	...	...	...
361 Pottery, china, earthenware	...	...	...	...	-	-	-	-	...	...	...
362 Glass and products	-	-	-	-	-	-	-	-	...	...	...
369 Other non-metallic mineral products	-	-	-	-	-	-	-	-	...	...	...
3691 Structural clay products	-	-	-	-	-	-	-	-	...	...	...
3692 Cement, lime and plaster	-	-	-	-	-	-	-	-	...	...	...
3699 Other non-metallic mineral products	-	-	-	-	-	-	-	-	...	...	...
371 Iron and steel	-	-	-	-	-	-	-	-	...	...	...
372 Non-ferrous metals	-	-	-	-	-	-	-	-	...	...	...
381 Fabricated metal products	15.1	17.0	16.7	16.7	3.4	3.9	4.5	4.7	...	...	...
3811 Cutlery, hand tools and general hardware	-	-	-	-	-	-	-	-	...	...	...
3812 Furniture and fixtures primarily of metal	-	-	-	-	-	-	-	-	...	...	...
3813 Structural metal products	11.9	13.9	13.9	14.0	2.8	3.3	3.8	4.1	...	...	...
3819 Other fabricated metal products	3.2	3.1	2.8	2.7	0.6	0.6	0.7	0.6	...	...	...
382 Non-electrical machinery	-	-	-	-	-	-	-	-	...	...	...
3821 Engines and turbines	-	-	-	-	-	-	-	-	...	...	...
3822 Agricultural machinery and equipment	-	-	-	-	-	-	-	-	...	...	...
3823 Metal and wood working machinery	-	-	-	-	-	-	-	-	...	...	...
3824 Other special industrial machinery	-	-	-	-	-	-	-	-	...	...	...
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	...	...	...
3829 Other non-electrical machinery & equipment	-	-	-	-	-	-	-	-	...	...	...
383 Electrical machinery	6.6	6.0	8.0	9.8	3.8	3.9	4.4	3.6	...	...	...
3831 Electrical industrial machinery	-	-	-	-	-	-	-	-	...	...	...
3832 Radio, television and communication equipm.	2.1	2.1	2.6	3.8	0.7	0.7	0.8	0.8	...	...	...
3833 Electrical appliances and housewares	4.5	3.9	5.4	6.0	3.1	3.2	3.6	2.8	...	...	...
3839 Other electrical apparatus and supplies	-	-	-	-	-	-	-	-	...	...	...
384 Transport equipment	-	-	-	-	-	-	-	-	...	...	...
3841 Shipbuilding and repairing	-	-	-	-	-	-	-	-	...	...	...
3842 Railroad equipment	-	-	-	-	-	-	-	-	...	...	...
3843 Motor vehicles	-	-	-	-	-	-	-	-	...	...	...
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	...	...	...
3845 Aircraft	-	-	-	-	-	-	-	-	...	...	...
3849 Other transport equipment	-	-	-	-	-	-	-	-	...	...	...
385 Professional and scientific equipment	-	-	-	-	-	-	-	-	...	...	...
3851 Prof. and scientific equipment n.e.c.	-	-	-	-	-	-	-	-	...	...	...
3852 Photographic and optical goods	-	-	-	-	-	-	-	-	...	...	...
3853 Watches and clocks	-	-	-	-	-	-	-	-	...	...	...
390 Other manufacturing industries	1.6	2.1	2.7	2.4	0.7	0.8	1.0	1.1	...	...	...
3901 Jewellery and related articles	-	-	-	-	-	-	-	-	...	...	...
3902 Musical instruments	-	-	-	-	-	-	-	-	...	...	...
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	...	...	...
3909 Manufacturing industries, n.e.c.	1.6	2.1	2.7	2.4	0.7	0.8	1.0	1.1	...	...	...
3 Total manufacturing	239.6	268.2	246.3	239.7	77.4	88.5	88.4	84.3	...	...	...

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ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
311/2 Food products		...	...	...	...	...	...	...	...	...	...	...	...
313 Beverages		...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco		...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	...	...	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		...	...	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		...	...	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

## SENEGAL

<p><b>Supplier of information:</b> Direction de la statistique, Ministère de l'économie et des finances, Dakar.</p> <p><b>Basic source of data:</b> Survey of industrial activities.</p> <p><b>Major deviations from ISIC (Revision 2):</b> Data collected under the national classification system have been reclassified by the national authorities to correspond with ISIC (Rev. 2). Lack of detail in national data, however, results in several cases where exact correspondence with the ISIC cannot be achieved. Data for food products (ISIC 311/2) exclude the processing of fish.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All establishments excluding handicrafts.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b> Comptes économiques (annual) published by the Direction de la statistique, Ministère de l'économie et des finances, Dakar.</p>
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## Senegal

ISIC Revision 2 ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million CFA FRANCS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
311/2 Food products		53	70	73	78		15505	18264	21111	17475		20687	26082	28564	30160
3111 Slaughtering, preparing & preserving meat		4	4	3	4		259	1349	1456	1275		225	685	878	693
3112 Dairy products		3	3	4	4		292	289	358	458		1335	1247	1325	1541
3113 Canning, preserving of fruits & vegetables		2	1	1	1		249	454	291	189		113	202	234	267
3114 Canning, preserving and processing of fish		12	20	22	21		5216	5685	6343	6473		3924	5131	5241	5787
3115 Vegetable and animal oils and fats		1	1	1	1		2175	2271	2354	2035		4107	4287	4700	4639
3116 Grain mill products		2	3	3	2		448	1447	1420	628		989	1189	2110	2617
3117 Bakery products		19	24	22	29		478	843	1004	1121		518	874	894	940
3118 Sugar factories and refineries		1	1	1	1		6119	5556	7456	4862		9339	11800	12406	12573
3119 Cocoa, chocolate and sugar confectionery		1	1	1	2		132	97	102	103		19	250	272	474
3121 Other food products		6	9	13	10		115	205	303	228		94	297	451	313
3122 Prepared animal feeds		2	3	2	3		22	68	24	103		24	120	53	316
313 Beverages		4	5	5	4		359	348	362	330		1300	1223	1395	1745
3131 Distilling, rectifying and blending spirits		-	-	-	-		-	-	-	-		-	-	-	-
3132 Wine industries		-	-	-	-		-	-	-	-		-	-	-	-
3133 Malt liquors and malt	a/	4	5	5	4	a/	359	348	362	330	a/	1300	1223	1395	1745
3134 Soft drinks and carbonated waters	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
314 Tobacco		1	1	1	1		321	321	286	400		1317	1533	1580	1562
321 Textiles		10	12	14	13		2340	2853	2875	4158		5307	4297	4333	5658
3211 Spinning, weaving and finishing textiles		9	9	9	10		2250	2469	2570	3757		5187	3919	4012	5183
3212 Made-up textile goods excl. wearing apparel		-	-	1	-		-	-	33	-		-	-	16	-
3213 Knitting mills		-	1	2	1		-	84	20	9		-	19	41	5
3214 Carpets and rugs		1	1	1	1		90	...	126	300		120	113	113	128
3215 Cordage, rope and twine		-	-	-	-		-	300	-	-		-	-	-	-
3219 Other textiles		-	1	1	1		-	-	126	92		-	246	151	342
322 Wearing apparel, except footwear		-	2	3	2		-	9	45	9		-	8	14	8
323 Leather and fur products		-	1	1	1		-	...	3	6		-	...	2	5
3231 Tanneries and leather finishing		...	1	1	1		...	...	3	6		...	...	2	5
3232 Fur dressing and dyeing industries		...	-	-	-		...	-	-	-		...	-	-	-
3233 Leather prods. excl. wearing apparel		...	-	-	-		...	-	-	-		...	-	-	-
324 Footwear, except rubber or plastic		-	-	-	-		-	-	-	-		-	-	-	-
331 Wood products, except furniture		2	3	3	3		68	88	98	90		110	171	156	182
3311 Sawmills, planing and other wood mills		2	3	3	3		68	88	98	90		110	171	156	182
3312 Wooden and cane containers		-	-	-	-		-	-	-	-		-	-	-	-
3319 Other wood and cork products		-	-	-	-		-	-	-	-		-	-	-	-
332 Furniture and fixtures, excl. metal		5	7	8	6		87	152	160	95		65	94	138	97
341 Paper and products		3	6	8	7		278	743	1452	880		605	1016	1104	1286
3411 Pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		-	-	-	-
3412 Containers of paper and paperboard		2	4	5	4		271	730	1435	873		596	1001	1087	1278
3419 Other pulp, paper and paperboard articles		1	2	3	3		7	13	17	7		9	15	17	8
342 Printing and publishing		18	27	27	28		870	771	807	807		1182	1470	1776	1495
351 Industrial chemicals		10	8	9	9		1362	1375	3097	3143		3629	3680	8082	9163
3511 Basic chemicals excl. fertilizers		6	5	5	4		1120	1087	2635	2885		2978	2906	7398	8343
3512 Fertilizers and pesticides		2	2	2	3		135	141	120	127		471	597	527	645
3513 Synthetic resins and plastic materials		2	1	2	2		107	147	342	131		180	177	157	175
352 Other chemicals		15	18	17	19		909	1463	2883	2162		3137	3040	3195	3889
3521 Paints, varnishes and lacquers		4	5	3	3		120	203	261	142		257	454	350	291
3522 Drugs and medicines		3	3	3	3		237	246	191	273		1260	871	334	659
3523 Soap, cleaning preps., perfumes, cosmetics		4	6	7	9		415	875	2258	1574		1329	1441	2236	2661
3529 Other chemical products		4	4	4	4		137	139	173	173		291	274	275	278
353 Petroleum refineries		1	1	2	2		228	228	247	251		1143	1179	1245	1329



354 Misc. petroleum and coal products	2	1	1	1	28	37	66	28	53	118	127	141
355 Rubber products	1	1	1	1	6	6	9	10	5	9	8	8
3551 Tyres and tubes	1	1	1	1	6	6	9	10	5	9	8	8
3559 Other rubber products	-	-	-	-	-	-	-	-	-	-	-	-
356 Plastic products	16	23	24	26	2545	1995	1415	1523	1286	1460	1249	1232
361 Pottery, china, earthenware	-	-	-	-	-	-	-	-	-	-	-	-
362 Glass and products	-	-	-	-	-	-	-	-	-	-	-	-
369 Other non-metallic mineral products	2	4	5	5	725	417	446	471	1308	1565	1815	2137
3691 Structural clay products	-	-	-	-	-	-	-	-	-	-	-	-
3692 Cement, lime and plaster	1	1	1	1	301	296	303	302	979	1292	1496	1759
3699 Other non-metallic mineral products	1	3	4	4	424	121	143	169	329	273	319	378
371 Iron and steel	-	-	-	-	-	-	-	-	-	-	-	-
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
381 Fabricated metal products	12	20	21	19	583	1123	2063	2173	1386	1745	2413	1756
3811 Cutlery, hand tools and general hardware	-	1	1	1	-	7	7	7	-	16	16	16
3812 Furniture and fixtures primarily of metal	4	5	3	2	121	319	27	19	96	200	31	25
3813 Structural metal products	4	8	12	12	140	369	681	1311	253	439	888	1083
3819 Other fabricated metal products	4	6	5	4	322	428	1348	836	1037	1090	1478	632
382 Non-electrical machinery	1	5	8	8	116	199	288	240	168	350	552	467
3821 Engines and turbines	-	-	1	1	-	-	1	1	-	-	14	14
3822 Agricultural machinery and equipment	1	3	3	2	116	173	237	172	168	333	463	346
3823 Metal and wood working machinery	-	-	-	-	-	-	-	-	-	-	-	-
3824 Other special industrial machinery	-	-	1	1	-	-	1	3	-	-	3	10
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-	-	-
3829 Other non-electrical machinery & equipment	-	2	3	4	-	26	49	64	-	17	72	97
383 Electrical machinery	1	3	3	3	173	326	348	250	515	522	474	555
3831 Electrical industrial machinery	-	-	-	-	-	-	-	-	-	-	-	-
3832 Radio, television and communication equipm.	-	-	-	-	-	-	-	-	-	-	-	-
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	-	-
3839 Other electrical apparatus and supplies	1	3	3	3	173	326	348	250	515	522	474	555
384 Transport equipment	10	12	10	10	1548	1160	782	829	2715	3021	2854	3002
3841 Shipbuilding and repairing	4	4	4	4	1213	669	575	592	1944	2156	2375	2432
3842 Railroad equipment	1	1	1	1	25	27	28	30	36	20	63	67
3843 Motor vehicles	4	6	4	4	292	427	142	170	689	794	365	450
3844 Motorcycles and bicycles	1	1	1	1	18	37	37	37	46	51	51	53
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-
385 Professional and scientific equipment	-	1	1	1	-	7	7	7	-	5	7	12
3851 Prof. and scientific equipment n.e.c.	-	1	1	1	-	7	7	7	-	5	7	12
3852 Photographic and optical goods	-	-	-	-	-	-	-	-	-	-	-	-
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-
390 Other manufacturing industries	2	-	-	1	3	-	-	11	3	-	-	5
3901 Jewellery and related articles	2	-	-	1	3	-	-	11	3	-	-	5
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-
3909 Manufacturing industries, n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
3 Total manufacturing	169	231	245	248	28054	31885	38850	35348	45921	52588	61083	65894

a/ 3133 includes 3134.

## Senegal

ISIC Revision 2 ISIC Industry	Output				Value added in producers' prices				Gross fixed capital formation			
	Note	(million CFA FRANCS)				Note	(million CFA FRANCS)				(million CFA FRANCS)	
		1994	1995	1996	1997		1994	1995	1996	1997	1996	1997
311/2 Food products		317337	324474	360930		71606	66731	58990	72853		-16861	
3111 Slaughtering, preparing & preserving meat		5404	5244	4883		1475	1966	1597	1054		58	
3112 Dairy products		18286	23096	27183		3558	4184	4683	5146		1089	
3113 Canning, preserving of fruits & vegetables		3876	3632	11213		1176	870	443	1907		208	
3114 Canning, preserving and processing of fish		75136	75635	85265		11199	10176	9708	10822		4624	
3115 Vegetable and animal oils and fats		105198	96945	86952		15270	14931	18597	12206		2350	
3116 Grain mill products		34997	46815	63961		7160	9261	8569	14089		5454	
3117 Bakery products		12423	13524	19393		1193	2006	2089	2264		2015	
3118 Sugar factories and refineries		51215	46892	46457		29626	20994	10803	22306		-33188	
3119 Cocoa, chocolate and sugar confectionery		1778	2243	2694		722	670	715	983		55	
3121 Other food products		6144	6761	8016		169	1448	1531	1376		148	
3122 Prepared animal feeds		2880	3687	4913		58	225	255	700		326	
313 Beverages		18071	21562	30465		4997	1077	6064	8095		8055	
3131 Distilling, rectifying and blending spirits		-	-	-		-	-	-	-		-	
3132 Wine industries		-	-	-		-	-	-	-		-	
3133 Malt liquors and malt		18071a/	21562a/	30465a/	a/	4997	1077	6064	8095		8055	
3134 Soft drinks and carbonated waters		...a/	...a/	...a/	a/	...	...	...	...		-	
314 Tobacco		16940	18355	20971		6533	6148	6143	6231		396	
321 Textiles		32353	35461	43027		8733	8641	9767	10274		163	
3211 Spinning, weaving and finishing textiles		29555	32195	39386		8518	7879	8736	9248		163	
3212 Made-up textile goods excl. wearing apparel		-	69	-		-	-	24	-		-	
3213 Knitting mills		77	142	93		-	40	25	-		-	
3214 Carpets and rugs		110	65	107		215	-44	-13	89		-	
3215 Cordage, rope and twine		-	-	-		-	-	-	-		-	
3219 Other textiles		2611	2990	3441		-	766	995	937		-	
322 Wearing apparel, except footwear		141	261	261		-	6	-62	74		-	
323 Leather and fur products		88	172	209		-	5	50	75		-	
3231 Tanneries and leather finishing		88	172	209		...	5	50	75		-	
3232 Fur dressing and dyeing industries		-	-	-		...	-	-	-		-	
3233 Leather prods. excl. wearing apparel		-	-	-		...	-	-	-		-	
324 Footwear, except rubber or plastic		-	-	-		-	-	-	-		-	
331 Wood products, except furniture		4604	5049	5526		400	579	561	463		75	
3311 Sawmills, planing and other wood mills		4604	5049	5526		400	579	561	463		75	
3312 Wooden and cane containers		-	-	-		-	-	-	-		-	
3319 Other wood and cork products		-	-	-		-	-	-	-		-	
332 Furniture and fixtures, excl. metal		694	1198	759		151	137	236	164		13	
341 Paper and products		13900	15962	17746		2068	2878	2079	3853		2818	
3411 Pulp, paper and paperboard articles		-	-	-		-	-	-	-		-	
3412 Containers of paper and paperboard		13724	15759	17499		2040	2834	2056	3827		2573	
3419 Other pulp, paper and paperboard articles		176	203	247		28	44	23	26		245	
342 Printing and publishing		10900	11836	13322		2630	3890	3766	4883		1223	
351 Industrial chemicals		91539	116144	128643		28775	25986	33439	39421		8430	
3511 Basic chemicals excl. fertilizers		81944	105619	116394		25964	23872	31558	37300		7477	
3512 Fertilizers and pesticides		8367	8400	9749		2402	1851	1646	2196		468	
3513 Synthetic resins and plastic materials		1228	2125	2500		409	263	235	-75		485	
352 Other chemicals		46540	44724	49055		11154	13448	15154	12753		1083	
3521 Paints, varnishes and lacquers		6432	4768	5544		1357	1431	745	714		64	
3522 Drugs and medicines		8466	9495	9880		3002	3212	5378	4269		452	
3523 Soap, cleaning preps., perfumes, cosmetics		29008	27862	31298		6027	8021	8367	7151		528	
3529 Other chemical products		2634	2599	2333		768	784	664	619		39	
353 Petroleum refineries		84795	101227	127840		9247	6324	5867	6652		-173	

354 Misc. petroleum and coal products	...	4854	5668	6070	137	646	712	744	...	53
355 Rubber products	...	109	75	73	25	43	13	16	...	1
3551 Tyres and tubes	...	109	75	73	25	43	13	16	...	1
3559 Other rubber products	...	-	-	-	-	-	-	-	...	-
356 Plastic products	...	12151	13465	19944	3711	2551	2542	3823	...	3439
361 Pottery, china, earthenware	...	-	-	-	-	-	-	-	...	-
362 Glass and products	...	-	-	-	-	-	-	-	...	-
369 Other non-metallic mineral products	...	27420	34841	45033	11156	9632	11632	13744	...	6011
3691 Structural clay products	...	-	-	-	-	-	-	-	...	-
3692 Cement, lime and plaster	...	25654	32736	42871	10306	8767	10668	12782	...	5981
3699 Other non-metallic mineral products	...	1766	2105	2162	850	865	964	962	...	30
371 Iron and steel	...	-	-	-	-	-	-	-	...	-
372 Non-ferrous metals	...	-	-	-	-	-	-	-	...	-
381 Fabricated metal products	...	26703	29457	31943	6062	7843	8044	8264	...	6058
3811 Cutlery, hand tools and general hardware	...	53	50	77	-	7	10	-26	...	-
3812 Furniture and fixtures primarily of metal	...	1724	322	339	157	514	128	72	...	96
3813 Structural metal products	...	9402	14992	19826	1170	1071	2374	3359	...	3178
3819 Other fabricated metal products	...	15524	14093	11701	4735	6251	5532	4859	...	2784
382 Non-electrical machinery	...	2477	4908	4662	394	824	896	768	...	161
3821 Engines and turbines	...	-	1435	1081	-	-	21	-61	...	-
3822 Agricultural machinery and equipment	...	2227	2970	2117	394	767	783	558	...	32
3823 Metal and wood working machinery	...	-	-	-	-	-	-	-	...	-
3824 Other special industrial machinery	...	-	49	525	-	-	7	24	...	8
3825 Office, computing and accounting machinery	...	-	-	-	-	-	-	-	...	-
3829 Other non-electrical machinery & equipment	...	250	454	939	-	57	85	247	...	121
383 Electrical machinery	...	5021	5516	7498	57	750	991	1504	...	226
3831 Electrical industrial machinery	...	-	-	-	-	-	-	-	...	-
3832 Radio, television and communication equipm.	...	-	-	-	-	-	-	-	...	-
3833 Electrical appliances and housewares	...	-	-	-	-	-	-	-	...	-
3839 Other electrical apparatus and supplies	...	5021	5516	7498	57	750	991	1504	...	226
384 Transport equipment	...	14526	8722	9988	4033	5398	4877	4433	...	792
3841 Shipbuilding and repairing	...	5508	6609	6873	2451	3209	3955	3396	...	122
3842 Railroad equipment	...	174	316	856	66	31	146	125	...	12
3843 Motor vehicles	...	8479	1483	1754	1420	2053	672	798	...	658
3844 Motorcycles and bicycles	...	365	314	505	96	105	104	114	...	-
3845 Aircraft	...	-	-	-	-	-	-	-	...	-
3849 Other transport equipment	...	-	-	-	-	-	-	-	...	-
385 Professional and scientific equipment	...	181	140	188	-	75	20	46	...	-
3851 Prof. and scientific equipment n.e.c.	...	181	140	188	-	75	20	46	...	-
3852 Photographic and optical goods	...	-	-	-	-	-	-	-	...	-
3853 Watches and clocks	...	-	-	-	-	-	-	-	...	-
390 Other manufacturing industries	...	5	...	5	2	-3	-	10	...	4
3901 Jewellery and related articles	...	5	-	5	2	-3	-	10	...	4
3902 Musical instruments	...	-	-	-	-	-	-	-	...	-
3903 Sporting and athletic goods	...	-	-	-	-	-	-	-	...	-
3909 Manufacturing industries, n.e.c.	...	-	-	-	-	-	-	-	...	-
3 Total manufacturing	...	731349	799217	924158	171871	163609	171781	199143	...	21967

a/ 3133 includes 3134.

## Senegal

ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
311/2 Food products	a/	77	78	78	100	81	85	89	92	100	90	83	91
313 Beverages	a/	83	60	76	100	86	76	74	72	87	62	70	82
314 Tobacco		83	60	76	100	86	76	74	72	87	62	70	82
321 Textiles		170	93	80	100	89	89	74	75	66	71	71	69
322 Wearing apparel, except footwear		...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		150	90	69	100	112	107	108	87	99	101	106	100
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		84	82	86	100	98	78	70	82	72	71	75	80
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals	b/	107	93	79	100	116	108	106	98	128	119	137	137
352 Other chemicals	b/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	b/	...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products	b/	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	b/	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	b/	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		68	77	77	100	100	117	116	140	141	158	166	169
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		86	81	91	100	111	101	107	95	108	97	98	99
382 Non-electrical machinery		26	80	62	100	117	87	86	77	105	96	95	92
383 Electrical machinery		231	241	276	100	29	21	26	25	38	37	...	...
384 Transport equipment		64	79	54	100	104	75	80	92	139	135	134	140
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

a/ 311/2 includes 313.

b/ 351 includes 352, 353, 354, 355 and 356.

## SINGAPORE

**Supplier of information:**

Research and Statistics Unit, Economic Development Board, Singapore.

**Basic source of data:**

Annual census of industrial production.

**Major deviations from ISIC (Revision 3):**

Data collected under the national classification system have been reclassified by the national authorities to correspond approximately with ISIC (Rev. 3).

**Reference period (if not calendar year):**

Establishments with financial years ending on or before 31 March are allowed to report on a financial year basis.

**Scope:**

All establishments in the private sector with 10 or more persons engaged.

**Method of enumeration:**

The census is conducted primarily by mail.

**Adjusted for non-response:**

Yes.

**Concepts and definitions of variables:**

Persons engaged is as of the pay period nearest to 30 June of the reference year.

Wages and salaries is compensation of employees.

Output does not include net revenues from goods shipped in the same condition as received.

**Related national publications:**

Report on the Census of Industrial Production (annual), published by the Economic Development Board, Singapore. Yearbook of Statistics, Singapore, published by the Department of Statistics, Singapore.

## Singapore

ISIC Revision 3 ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million DOLLARS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		68	72	80	81		2564	2601	3074	3272		65.1	69.5	88.0	85.8
1511 Processing/preserving of meat		25	26	28	28		1070	1058	1327	1421		24.0	25.9	32.3	33.9
1512 Processing/preserving of fish		24	27	30	32		607	684	830	956		14.1	16.4	23.6	23.7
1513 Processing/preserving of fruit & vegetables		6	6	7	8		208	163	199	216		4.3	3.7	5.0	5.0
1514 Vegetable and animal oils and fats		13	13	15	13		679	696	718	679		22.7	23.4	27.1	23.1
1520 Dairy products		9	8	8	8		1306	1332	1191	1166		40.4	40.8	41.9	43.0
153 Grain mill products; starches; animal feeds		8	6	6	7		328	303	301	327		9.7	11.5	12.1	12.4
1531 Grain mill products		-	-	-	-		-	-	-	-		-	-	-	-
1532 Starches and starch products		-	-	-	-		-	-	-	-		-	-	-	-
1533 Prepared animal feeds		8	6	6	7		328	303	301	327		9.7	11.5	12.1	12.4
154 Other food products		212	216	218	211		7341	8315	8476	8024		191.5	244.8	249.2	238.3
1541 Bakery products		65	61	61	61		2619	2554	2579	2632		59.8	62.6	64.4	64.7
1542 Sugar		-	-	-	-		-	-	-	-		-	-	-	-
1543 Cocoa, chocolate and sugar confectionery		7	7	8	7		441	444	460	358		17.3	18.7	19.3	15.6
1544 Macaroni, noodles & similar products		28	29	30	29		737	796	847	813		16.4	18.3	18.8	18.6
1549 Other food products n.e.c.		112	119	119	114		3544	4521	4590	4221		98.0	145.3	146.7	139.3
155 Beverages		12	11	11	13		1687	1664	1656	2124		62.2	68.4	69.7	81.3
1551 Distilling, rectifying & blending of spirits		4	-	-	-		91	-	-	-		2.5	-	-	-
1552 Wines		-	-	-	-		-	-	-	-		-	-	-	-
1553 Malt liquors and malt		-	-	-	-		-	-	-	-		-	-	-	-
1554 Soft drinks; mineral waters		8	11	11	13		1596	1664	1656	2124		59.7	68.4	69.7	81.3
1600 Tobacco products		3	-	-	-		770	-	-	-		37.5	-	-	-
171 Spinning, weaving and finishing of textiles		18	15	12	11		1128	799	619	584		26.1	20.0	16.4	16.5
1711 Textile fibre preparation; textile weaving		13	15	12	11		715	799	619	584		16.6	20.0	16.4	16.5
1712 Finishing of textiles		5	-	-	-		413	-	-	-		9.5	-	-	-
172 Other textiles		20	20	18	18		557	550	635	631		13.1	14.2	16.1	16.0
1721 Made-up textile articles, except apparel		16	20	18	18		381	550	635	631		8.7	14.2	16.1	16.0
1722 Carpets and rugs		-	-	-	-		-	-	-	-		-	-	-	-
1723 Cordage, rope, twine and netting		-	-	-	-		-	-	-	-		-	-	-	-
1729 Other textiles n.e.c.		4	-	-	-		176	-	-	-		4.4	-	-	-
1730 Knitted and crocheted fabrics and articles		20	18	15	13		553	399	399	375		13.2	9.6	9.3	8.7
1810 Wearing apparel, except fur apparel		231	193	162	145		14684	10309	8144	7756		224.6	176.5	151.6	145.2
1820 Dressing & dyeing of fur; processing of fur		-	-	-	-		-	-	-	-		-	-	-	-
191 Tanning, dressing and processing of leather		20	16	18	17		708	682	887	832		17.2	16.7	21.0	19.3
1911 Tanning and dressing of leather		-	-	-	-		-	-	-	-		-	-	-	-
1912 Luggage, handbags, etc.; saddlery & harness		20	16	18	17		708	682	887	832		17.2	16.7	21.0	19.3
1920 Footwear		13	11	6	6		368	316	277	217		8.1	8.1	7.3	5.9
2010 Sawmilling and planing of wood		10	9	7	7		150	130	116	109		6.0	4.9	4.7	4.4
202 Products of wood, cork, straw, etc.		54	48	45	42		1476	1320	1604	1573		32.8	30.2	37.8	40.8
2021 Veneer sheets, plywood, particle board, etc.		10	8	6	-		378	178	169	-		8.7	4.8	4.1	-
2022 Builders' carpentry and joinery		22	21	22	23		575	607	892	894		13.3	14.1	22.3	24.6
2023 Wooden containers		16	19	17	19		449	535	543	679		9.1	11.2	11.4	16.1
2029 Other wood products; articles of cork/straw		6	-	-	-		74	-	-	-		1.8	-	-	-
210 Paper and paper products		110	104	98	91		5730	5474	5213	4738		167.5	171.7	171.9	152.0
2101 Pulp, paper and paperboard		-	-	-	-		-	-	-	-		-	-	-	-
2102 Corrugated paper and paperboard		76	74	71	67		4119	4064	3968	3827		128.3	131.3	134.9	122.7
2109 Other articles of paper and paperboard		34	30	27	24		1611	1410	1245	911		39.3	40.4	37.0	29.3
221 Publishing		65	73	65	61		4723	4880	4847	4577		253.2	267.0	285.1	273.5
2211 Publishing of books and other publications		23	30	29	28		721	821	858	774		26.0	30.7	34.5	33.7
2212 Publishing of newspapers, journals, etc.		42	43	36	33		4002	4059	3989	3803		227.3	236.3	250.6	239.8
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		-	-	-	-
2219 Other publishing		-	-	-	-		-	-	-	-		-	-	-	-

222 Printing and related service activities	334	334	326	326	13600	13678	13731	13804	382.9	392.7	418.9	415.4
2221 Printing	273	272	264	266	11028	11266	11337	11425	315.2	326.2	350.7	349.2
2222 Service activities related to printing	61	62	62	60	2572	2412	2394	2379	67.6	66.6	68.2	66.3
2230 Reproduction of recorded media	8	8	9	10	328	374	427	733	11.8	11.4	12.9	18.3
2310 Coke oven products	-	-	-	-	-	-	-	-	-	-	-	-
2320 Refined petroleum products	20	18	19	18	3700	3531	3444	3306	277.2	301.8	303.7	321.9
2330 Processing of nuclear fuel	-	-	-	-	-	-	-	-	-	-	-	-
241 Basic chemicals	50	49	54	52	3393	3707	3794	3723	165.7	181.1	209.4	219.9
2411 Basic chemicals, except fertilizers	31	29	33	29	1759	1717	1730	1721	82.4	78.4	88.1	89.2
2412 Fertilizers and nitrogen compounds	-	-	-	-	-	-	-	-	-	-	-	-
2413 Plastics in primary forms; synthetic rubber	19	20	21	23	1634	1990	2064	2002	83.3	102.7	121.3	130.6
242 Other chemicals	137	146	157	158	9337	9914	11453	11440	462.2	495.2	648.1	704.2
2421 Pesticides and other agro-chemical products	-	-	-	-	-	-	-	-	-	-	-	-
2422 Paints, varnishes, printing ink and mastics	26	26	32	31	1960	1934	2071	2123	82.2	81.9	93.4	92.4
2423 Pharmaceuticals, medicinal chemicals, etc.	18	17	20	19	1855	1758	1698	1629	82.6	83.3	82.6	87.0
2424 Soap, cleaning & cosmetic preparations	33	35	27	27	1440	1567	1526	1279	66.9	72.6	80.2	70.9
2429 Other chemical products n.e.c.	60	68	78	81	4082	4655	6158	6409	230.6	257.4	392.0	453.8
2430 Man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
251 Rubber products	30	30	32	33	1878	1751	2138	2263	53.5	53.2	64.1	68.3
2511 Rubber tyres and tubes	-	-	-	-	-	-	-	-	-	-	-	-
2519 Other rubber products	30	30	32	33	1878	1751	2138	2263	53.5	53.2	64.1	68.3
2520 Plastic products	316	325	317	306	18669	19858	19191	17801	451.6	486.2	490.4	459.7
2610 Glass and glass products	10	11	10	11	1268	1302	1398	1435	37.8	40.6	42.4	44.0
269 Non-metallic mineral products n.e.c.	75	84	90	80	4244	5203	5604	5148	145.1	170.0	186.9	172.9
2691 Pottery, china and earthenware	-	-	-	-	-	-	-	-	-	-	-	-
2692 Refractory ceramic products	-	-	-	-	-	-	-	-	-	-	-	-
2693 Struct.non-refractory clay; ceramic products	7	7	6	6	277	289	273	275	8.5	9.1	9.2	11.5
2694 Cement, lime and plaster	5	6	6	-	490	528	618	-	29.2	30.9	30.8	-
2695 Articles of concrete, cement and plaster	23	22	23	26	1471	1632	1980	2509	48.3	56.2	70.9	95.5
2696 Cutting, shaping & finishing of stone	6	10	-	-	150	469	-	-	4.1	16.1	-	-
2699 Other non-metallic mineral products n.e.c.	34	39	55	48	1856	2285	2733	2364	55.0	57.6	76.0	65.8
2710 Basic iron and steel	18	17	18	16	1769	1660	1435	1443	67.8	73.6	71.9	62.8
2720 Basic precious and non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
273 Casting of metals	7	8	8	6	446	445	478	388	14.3	13.4	13.6	11.3
2731 Casting of iron and steel	-	-	-	-	-	-	-	-	-	-	-	-
2732 Casting of non-ferrous metals	7	8	8	6	446	445	478	388	14.3	13.4	13.6	11.3
281 Struct.metal products;tanks;steam generators	199	209	222	223	8978	9567	10295	11071	247.1	251.3	276.2	286.9
2811 Structural metal products	180	189	202	204	8316	8850	9568	10468	218.3	224.9	251.2	263.8
2812 Tanks, reservoirs and containers of metal	13	13	12	11	453	526	516	411	18.2	18.4	17.3	14.7
2813 Steam generators	6	7	8	8	209	191	193	192	10.6	7.9	7.7	8.4
289 Other metal products; metal working services	385	396	411	408	24656	25198	25401	26036	698.5	754.8	802.4	772.7
2891 Metal forging/pressing/stamping/roll-forming	92	86	83	75	8143	8138	7811	8307	206.4	220.9	226.3	228.1
2892 Treatment & coating of metals	66	76	88	92	2671	3095	3538	3766	75.1	91.5	104.0	100.3
2893 Cutlery, hand tools and general hardware	9	10	9	9	1229	1215	1058	863	30.7	31.5	31.5	23.6
2899 Other fabricated metal products n.e.c.	218	224	231	232	12613	12750	12994	13100	386.3	410.9	440.7	420.7
291 General purpose machinery	154	154	168	171	13567	13815	14580	14030	428.6	451.4	499.0	449.4
2911 Engines & turbines(not for transport equip.)	6	-	-	-	259	-	-	-	12.8	-	-	-
2912 Pumps, compressors, taps and valves	7	8	8	8	367	357	359	371	15.2	15.3	16.4	16.1
2913 Bearings, gears, gearing & driving elements	9	9	10	10	2158	2109	2325	2613	65.8	63.5	67.9	69.1
2914 Ovens, furnaces and furnace burners	-	-	-	-	-	-	-	-	-	-	-	-
2915 Lifting and handling equipment	45	45	50	51	3586	3907	4408	4490	129.7	146.4	173.3	161.8
2919 Other general purpose machinery	87	92	100	102	7197	7442	7488	6556	205.1	226.2	241.6	202.5
292 Special purpose machinery	357	406	426	418	17629	19664	21112	21810	590.9	675.0	755.2	754.6
2921 Agricultural and forestry machinery	-	-	-	-	-	-	-	-	-	-	-	-
2922 Machine tools	189	211	221	208	6311	6852	7556	7553	200.1	226.7	254.6	249.7
2923 Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-	-	-
2924 Machinery for mining & construction	46	46	51	49	4750	5311	5797	5830	181.3	192.5	221.8	233.0
2925 Food/beverage/tobacco processing machinery	-	-	-	-	-	-	-	-	-	-	-	-
2926 Machinery for textile, apparel and leather	4	-	-	-	224	-	-	-	8.4	-	-	-
2927 Weapons and ammunition	-	-	-	-	-	-	-	-	-	-	-	-
2929 Other special purpose machinery	118	149	154	161	6344	7501	7759	8427	201.0	255.8	278.9	271.9
2930 Domestic appliances n.e.c.	4	5	6	6	1740	1666	1704	1536	58.9	57.3	58.2	52.9

continued

## Singapore

ISIC Revision 3 ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million DOLLARS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		46	45	43	35		50447	57703	55066	46709		1159.2	1293.5	1379.8	1269.2
3110 Electric motors, generators and transformers		28	29	31	32		5303	4361	4186	3534		129.1	131.4	119.1	116.1
3120 Electricity distribution & control apparatus		41	41	44	41		2903	2426	2467	1893		81.7	70.2	79.1	64.9
3130 Insulated wire and cable		51	50	53	49		6668	6362	6186	5692		191.8	194.7	197.2	192.1
3140 Accumulators, primary cells and batteries		9	10	11	7		2130	1869	1641	1096		64.7	66.2	60.8	39.8
3150 Lighting equipment and electric lamps		16	14	15	15		818	312	338	315		24.7	8.9	11.1	10.6
3190 Other electrical equipment n.e.c.		5	8	8	9		229	322	358	467		9.2	13.5	15.9	18.1
3210 Electronic valves, tubes, etc.		161	163	165	160		51370	51940	52757	51571		1471.0	1670.0	1712.4	1800.1
3220 TV/radio transmitters; line comm. apparatus		11	11	12	15		5646	4219	4811	5861		168.4	158.7	196.0	241.7
3230 TV and radio receivers and associated goods		21	19	18	15		19428	14593	11229	7483		481.5	400.4	353.3	277.8
331 Medical, measuring, testing appliances, etc.		44	44	48	45		6190	6281	6118	6166		172.0	197.1	195.1	210.2
3311 Medical, surgical and orthopaedic equipment		16	15	16	16		3404	3612	3555	3755		85.3	96.1	99.0	108.1
3312 Measuring/testing/navigating appliances, etc.		18	18	20	17		957	785	824	708		22.8	20.9	23.0	21.9
3313 Industrial process control equipment		10	11	12	12		1829	1884	1739	1703		63.9	80.2	73.4	80.2
3320 Optical instruments & photographic equipment		10	10	11	11		1735	1797	1815	1852		45.5	49.0	53.0	53.8
3330 Watches and clocks		8	8	8	7		1307	1213	1171	975		40.9	42.7	42.8	38.6
3410 Motor vehicles		-	23	25	25		-	1460	1714	1744		-	56.5	69.8	71.2
3420 Automobile bodies, trailers & semi-trailers		12	13	15	15		1066	1023	1276	1322		27.4	40.2	53.4	54.8
3430 Parts/accessories for automobiles		12	10	10	10		473	437	438	422		16.3	16.3	16.4	16.4
351 Building and repairing of ships and boats		234	239	246	237		24967	23749	22738	23932		629.0	634.1	618.8	630.6
3511 Building and repairing of ships		161	153	152	146		21053	19561	18415	19556		488.7	485.9	467.1	487.2
3512 Building/repairing of pleasure/sport. boats		73	86	94	91		3914	4188	4323	4376		140.3	148.2	151.8	143.4
3520 Railway/tramway locomotives & rolling stock		-	-	-	-		-	-	-	-		-	-	-	-
3530 Aircraft and spacecraft		39	39	40	40		9214	9012	9767	10831		431.3	452.5	512.1	527.4
359 Transport equipment n.e.c.		8	6	5	6		900	671	635	611		28.7	21.8	21.2	22.6
3591 Motorcycles		-	-	-	-		-	-	-	-		-	-	-	-
3592 Bicycles and invalid carriages		-	-	-	-		-	-	-	-		-	-	-	-
3599 Other transport equipment n.e.c.		8	6	5	6		900	671	635	611		28.7	21.8	21.2	22.6
3610 Furniture		153	152	155	153		5590	5499	6184	5968		127.6	128.9	143.3	133.3
369 Manufacturing n.e.c.		142	127	118	117		4495	3748	3699	3078		115.2	95.0	102.9	85.1
3691 Jewellery and related articles		54	51	47	48		1006	931	933	867		24.4	23.1	24.6	23.1
3692 Musical instruments		-	-	-	-		-	-	-	-		-	-	-	-
3693 Sports goods		-	-	-	-		-	-	-	-		-	-	-	-
3694 Games and toys		10	6	6	5		682	443	360	118		11.8	8.9	9.4	2.9
3699 Other manufacturing n.e.c.		78	70	65	64		2807	2374	2406	2093		79.0	63.1	68.9	59.1
3710 Recycling of metal waste and scrap		8	10	10	12		127	175	192	239		4.6	5.4	6.3	7.1
3720 Recycling of non-metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
D Total manufacturing		4036	4068	4108	4004		370281	368119	366696	352289		10681.7	11253.2	11926.0	11768.1



## Singapore

ISIC Revision 3 ISIC Industry	Note	Output in factor values				Note	Value added in factor values				Note	Gross fixed capital formation	
		(million DOLLARS)					(million DOLLARS)					(million DOLLARS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
151 Processed meat, fish, fruit, vegetables, fats		899.8	851.6	934.1	851.5	146.6	157.8	182.6	185.8		39.4	48.9	
1511 Processing/preserving of meat		178.2	196.2	224.7	229.7	52.1	57.4	68.6	73.1		13.2	33.5	
1512 Processing/preserving of fish		102.8	154.6	185.1	166.7	22.5	32.3	39.1	44.7		14.4	11.1	
1513 Processing/preserving of fruit & vegetables		17.6	17.0	22.2	20.8	5.8	5.9	8.3	8.4		4.6	1.8	
1514 Vegetable and animal oils and fats		601.2	483.8	502.1	434.2	66.2	62.2	66.5	59.6		7.2	2.6	
1520 Dairy products		326.1	310.4	294.8	267.2	156.3	132.0	131.6	124.1		20.2	20.4	
153 Grain mill products; starches; animal feeds		96.1	98.2	89.8	92.6	22.4	25.1	27.1	27.8		2.1	7.6	
1531 Grain mill products		-	-	-	-	-	-	-	-		-	-	
1532 Starches and starch products		-	-	-	-	-	-	-	-		-	-	
1533 Prepared animal feeds		96.1	98.2	89.8	92.6	22.4	25.1	27.1	27.8		2.1	7.6	
154 Other food products		1359.9	1852.5	1938.3	1720.0	471.2	709.3	736.0	697.8		136.7	125.0	
1541 Bakery products		252.3	270.5	280.9	287.3	131.7	142.6	153.2	160.6		29.9	8.2	
1542 Sugar		-	-	-	-	-	-	-	-		-	-	
1543 Cocoa, chocolate and sugar confectionery		176.2	189.4	208.5	235.2	48.4	54.9	43.6	38.6		20.4	9.1	
1544 Macaroni, noodles & similar products		66.1	79.9	79.2	76.0	27.7	33.9	34.3	33.7		5.9	6.4	
1549 Other food products n.e.c.		865.3	1312.7	1369.7	1121.5	263.4	477.8	504.9	465.0		80.5	101.2	
155 Beverages		537.9	537.6	541.8	543.1	291.8	287.2	305.7	321.0		50.3	53.8	
1551 Distilling, rectifying & blending of spirits		9.1	-	-	-	5.1	-	-	-		-	-	
1552 Wines		-	-	-	-	-	-	-	-		-	-	
1553 Malt liquors and malt		-	-	-	-	-	-	-	-		-	-	
1554 Soft drinks; mineral waters		528.8	537.6	541.8	543.1	286.7	287.2	305.7	321.0		50.3	53.8	
1600 Tobacco products		387.9	-	-	-	181.4	-	-	-		-	-	
171 Spinning, weaving and finishing of textiles		140.1	114.4	117.7	128.4	48.1	38.7	43.6	43.8		3.2	4.8	
1711 Textile fibre preparation; textile weaving		69.1	114.4	117.7	128.4	32.9	38.7	43.6	43.8		3.2	4.8	
1712 Finishing of textiles		71.1	-	-	-	15.3	-	-	-		-	-	
172 Other textiles		54.1	55.9	56.2	48.4	25.2	24.8	26.9	22.1		4.2	0.8	
1721 Made-up textile articles, except apparel		28.1	55.9	56.2	48.4	15.2	24.8	26.9	22.1		4.2	0.8	
1722 Carpets and rugs		-	-	-	-	-	-	-	-		-	-	
1723 Cordage, rope, twine and netting		-	-	-	-	-	-	-	-		-	-	
1729 Other textiles n.e.c.		26.0	-	-	-	10.0	-	-	-		-	-	
1730 Knitted and crocheted fabrics and articles		100.2	67.3	81.6	77.4	18.9	16.1	18.6	17.0		3.1	0.1	
1810 Wearing apparel, except fur apparel		973.7	801.6	773.4	787.3	304.2	242.5	224.3	237.7		29.3	21.0	
1820 Dressing & dyeing of fur; processing of fur		-	-	-	-	-	-	-	-		-	-	
191 Tanning, dressing and processing of leather		78.8	75.1	120.5	114.0	31.3	28.2	40.5	38.3		2.2	0.7	
1911 Tanning and dressing of leather		-	-	-	-	-	-	-	-		-	-	
1912 Luggage, handbags, etc.; saddlery & harness		78.8	75.1	120.5	114.0	31.3	28.2	40.5	38.3		2.2	0.7	
1920 Footwear		37.7	36.9	32.2	17.2	14.1	14.9	11.5	6.4		1.3	0.4	
2010 Sawmilling and planing of wood		24.0	21.8	18.1	15.2	12.1	9.6	8.2	6.7		1.2	0.9	
202 Products of wood, cork, straw, etc.		265.6	248.4	272.6	285.2	71.0	71.5	85.2	89.6		12.3	24.5	
2021 Veneer sheets, plywood, particle board, etc.		52.4	38.6	32.2	-	11.4	10.8	7.4	-		0.9	-	
2022 Builders' carpentry and joinery		128.6	134.8	165.1	195.7	37.4	39.4	55.1	61.3		5.5	9.5	
2023 Wooden containers		75.3	75.0	75.2	89.5	19.0	21.4	22.7	28.3		5.8	15.0	
2029 Other wood products; articles of cork/straw		9.3	-	-	-	3.3	-	-	-		-	-	
210 Paper and paper products		1056.9	1021.9	954.7	819.9	469.8	471.9	462.4	404.0		84.9	116.8	
2101 Pulp, paper and paperboard		-	-	-	-	-	-	-	-		-	-	
2102 Corrugated paper and paperboard		841.5	809.9	780.2	684.9	385.7	394.4	399.6	350.0		75.7	103.0	
2109 Other articles of paper and paperboard		215.4	212.0	174.6	135.0	84.1	77.4	62.8	53.9		9.2	13.8	
221 Publishing		1028.9	1114.3	1162.6	1032.5	800.7	819.6	918.1	790.5		24.6	30.6	
2211 Publishing of books and other publications		97.1	110.7	117.7	127.8	53.5	62.3	69.7	67.1		6.5	8.0	
2212 Publishing of newspapers, journals, etc.		931.8	1003.7	1044.9	904.6	747.1	757.3	848.4	723.4		18.1	22.6	
2213 Publishing of recorded media		-	-	-	-	-	-	-	-		-	-	
2219 Other publishing		-	-	-	-	-	-	-	-		-	-	

continued

## Singapore

ISIC Revision 3 ISIC Industry	Output in factor values				Value added in factor values				Gross fixed capital formation				
	Note	(million DOLLARS)				Note	(million DOLLARS)				Note	(million DOLLARS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222 Printing and related service activities		1571.0	1568.3	1560.2	1555.1		769.1	771.2	812.6	791.0		185.1	123.0
2221 Printing		1406.1	1402.5	1394.9	1396.2		652.7	653.0	693.4	675.2		157.4	109.7
2222 Service activities related to printing		164.9	165.8	165.3	158.9		116.5	118.2	119.2	115.8		27.8	13.4
2230 Reproduction of recorded media		61.0	72.7	77.0	100.4		36.8	49.6	51.5	64.9		7.1	6.1
2310 Coke oven products		-	-	-	-		-	-	-	-		-	-
2320 Refined petroleum products		10653.8	13746.5	14637.5	12751.9		1721.6	2042.0	2132.5	1909.5		531.7	273.2
2330 Processing of nuclear fuel		-	-	-	-		-	-	-	-		-	-
241 Basic chemicals		1891.1	1836.8	2243.6	2215.5		664.7	598.6	682.0	731.3		1011.3	198.2
2411 Basic chemicals, except fertilizers		514.5	420.0	499.9	448.2		245.6	180.6	224.6	211.5		114.3	96.9
2412 Fertilizers and nitrogen compounds		-	-	-	-		-	-	-	-		-	-
2413 Plastics in primary forms; synthetic rubber		1376.6	1416.8	1743.7	1767.3		419.1	418.0	457.4	519.8		897.1	101.2
242 Other chemicals		4974.0	5326.3	7095.4	7941.2		2518.5	2821.8	3249.7	4107.5		2057.6	376.3
2421 Pesticides and other agro-chemical products		-	-	-	-		-	-	-	-		-	-
2422 Paints, varnishes, printing ink and mastics		558.2	554.2	609.1	562.2		190.2	200.0	239.5	217.7		40.1	49.3
2423 Pharmaceuticals, medicinal chemicals, etc.		1339.0	1695.8	1803.2	2857.3		1129.3	1492.6	1589.9	2516.8		184.8	44.7
2424 Soap, cleaning & cosmetic preparations		310.2	418.1	426.3	403.5		132.3	160.1	175.5	161.0		13.4	9.1
2429 Other chemical products n.e.c.		2766.5	2658.2	4256.8	4118.1		1066.6	969.1	1244.6	1212.1		1819.2	273.3
2430 Man-made fibres		-	-	-	-		-	-	-	-		-	-
251 Rubber products		243.1	231.9	283.5	305.7		107.3	104.6	122.3	137.4		52.6	26.3
2511 Rubber tyres and tubes		-	-	-	-		-	-	-	-		-	-
2519 Other rubber products		243.1	231.9	283.5	305.7		107.3	104.6	122.3	137.4		52.6	26.3
2520 Plastic products		2345.4	2369.1	2371.2	2122.7		906.5	939.4	936.3	859.5		273.9	156.6
2610 Glass and glass products		376.0	390.0	406.2	341.8		161.8	187.8	187.8	171.0		58.4	45.3
269 Non-metallic mineral products n.e.c.		1679.1	1982.0	2222.1	1772.2		519.8	566.7	592.0	547.7		104.6	67.8
2691 Pottery, china and earthenware		-	-	-	-		-	-	-	-		-	-
2692 Refractory ceramic products		-	-	-	-		-	-	-	-		-	-
2693 Struct.non-refractory clay; ceramic products		37.6	32.0	29.5	30.5		22.3	17.6	15.5	16.1		0.6	0.4
2694 Cement, lime and plaster		485.7	477.5	420.7	-		194.6	168.1	137.9	-		17.1	-
2695 Articles of concrete, cement and plaster		859.9	1080.0	1349.7	1365.2		164.7	195.6	255.0	346.4		56.7	53.0
2696 Cutting, shaping & finishing of stone		27.8	110.5	-	-		12.3	51.0	-	-		-	-
2699 Other non-metallic mineral products n.e.c.		268.2	282.2	422.2	376.5		125.9	134.4	183.5	185.2		30.3	14.4
2710 Basic iron and steel		591.7	567.6	579.1	484.9		154.3	144.4	145.4	140.3		37.6	43.6
2720 Basic precious and non-ferrous metals		-	-	-	-		-	-	-	-		-	-
273 Casting of metals		71.0	69.2	67.1	46.3		37.5	33.9	30.3	22.3		11.7	1.2
2731 Casting of iron and steel		-	-	-	-		-	-	-	-		-	-
2732 Casting of non-ferrous metals		71.0	69.2	67.1	46.3		37.5	33.9	30.3	22.3		11.7	1.2
281 Struct.metall products;tanks;steam generators		1688.9	1546.7	1629.1	1663.8		594.4	506.8	531.4	592.1		135.7	124.3
2811 Structural metal products		1564.1	1406.8	1516.6	1568.4		542.6	456.8	483.6	548.1		130.6	123.8
2812 Tanks, reservoirs and containers of metal		88.8	103.5	74.7	57.4		30.6	33.0	29.5	24.7		2.9	0.5
2813 Steam generators		36.0	36.4	37.8	37.9		21.2	17.1	18.3	19.0		2.2	-
289 Other metal products; metal working services		4624.3	4751.1	4867.0	4704.8		1603.7	1675.2	1711.1	1637.8		413.8	306.9
2891 Metal forging/pressing/stamping/roll-forming		1269.8	1286.2	1297.5	1375.4		451.3	475.9	489.8	480.2		91.7	82.0
2892 Treatment & coating of metals		372.2	399.7	427.1	372.4		182.0	209.0	219.4	190.6		54.4	41.1
2893 Cutlery, hand tools and general hardware		159.8	135.8	133.2	115.2		100.4	81.2	84.7	74.2		4.3	2.9
2899 Other fabricated metal products n.e.c.		2822.5	2929.3	3009.3	2841.8		869.9	909.1	917.2	892.7		263.4	180.9
291 General purpose machinery		2585.7	2684.1	2838.8	2192.4		953.8	997.8	1041.5	910.6		157.3	125.1
2911 Engines & turbines(not for transport equip.)		60.7	-	-	-		19.3	-	-	-		-	-
2912 Pumps, compressors, taps and valves		91.1	92.0	113.0	99.0		23.8	25.6	29.0	29.9		3.4	2.8
2913 Bearings, gears, gearing & driving elements		376.6	372.4	393.4	391.3		215.0	206.0	220.8	217.9		36.0	30.3
2914 Ovens, furnaces and furnace burners		-	-	-	-		-	-	-	-		-	-
2915 Lifting and handling equipment		549.6	608.5	664.0	601.0		186.7	219.4	248.7	233.0		28.1	33.1
2919 Other general purpose machinery		1507.7	1611.2	1668.5	1101.1		509.0	546.8	542.9	429.8		89.8	58.9

292 Special purpose machinery	2834.8	3334.0	3635.5	3637.8	1212.2	1343.2	1440.8	1527.2	343.4	229.8
2921 Agricultural and forestry machinery	-	-	-	-	-	-	-	-	-	-
2922 Machine tools	788.0	850.3	911.3	835.2	395.7	418.2	458.5	426.2	168.4	77.0
2923 Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-
2924 Machinery for mining & construction	970.8	1237.9	1438.5	1549.5	348.8	399.3	437.8	588.1	64.8	47.9
2925 Food/beverage/tobacco processing machinery	-	-	-	-	-	-	-	-	-	-
2926 Machinery for textile, apparel and leather	39.0	-	-	-	21.8	-	-	-	-	-
2927 Weapons and ammunition	-	-	-	-	-	-	-	-	-	-
2929 Other special purpose machinery	1037.0	1245.8	1285.7	1253.1	445.8	525.7	544.4	512.9	110.3	104.9
2930 Domestic appliances n.e.c.	428.8	434.1	422.5	394.0	137.2	145.0	153.1	151.2	9.8	11.4
3000 Office, accounting and computing machinery	31657.6	37231.7	39979.1	37751.2	7413.9	9450.7	9789.5	9385.5	1375.9	976.1
3110 Electric motors, generators and transformers	867.3	788.4	793.7	655.9	259.3	223.9	233.5	201.7	46.0	32.9
3120 Electricity distribution & control apparatus	452.0	444.2	441.4	330.9	152.0	171.4	164.5	131.5	38.3	10.9
3130 Insulated wire and cable	1485.9	1407.3	1376.5	1138.3	479.1	483.4	512.0	426.9	97.5	100.8
3140 Accumulators, primary cells and batteries	334.2	348.1	330.1	238.5	157.0	163.0	174.5	129.2	16.5	5.6
3150 Lighting equipment and electric lamps	174.1	35.9	45.2	39.6	58.1	13.1	13.1	11.6	2.1	1.8
3190 Other electrical equipment n.e.c.	31.4	86.9	95.7	121.7	16.7	26.7	30.7	35.0	2.5	2.3
3210 Electronic valves, tubes, etc.	18071.6	17598.8	17664.7	18373.9	5563.6	5294.3	5381.5	5384.0	2372.4	2510.4
3220 TV/radio transmitters; line comm. apparatus	1914.2	1683.7	2053.3	2427.2	1000.1	721.7	832.1	900.6	50.7	85.1
3230 TV and radio receivers and associated goods	6229.4	4398.6	3208.1	2296.4	1184.9	963.8	802.9	635.5	61.2	68.5
331 Medical, measuring, testing appliances, etc.	1156.4	1221.6	1316.6	1763.6	559.1	616.2	679.8	955.9	163.0	68.8
3311 Medical, surgical and orthopaedic equipment	641.8	722.4	769.2	1100.6	367.9	422.9	458.4	674.7	130.0	34.8
3312 Measuring/testing/navigating appliances, etc.	122.7	120.2	125.2	95.9	40.8	39.6	43.5	41.7	2.4	2.9
3313 Industrial process control equipment	392.0	379.0	422.1	567.2	150.4	153.6	177.9	239.5	30.6	31.1
3320 Optical instruments & photographic equipment	118.9	130.1	162.1	174.8	77.0	85.4	97.5	96.2	19.3	12.0
3330 Watches and clocks	197.8	195.3	214.6	170.7	64.9	64.0	63.6	62.7	9.9	11.4
3410 Motor vehicles	-	282.4	321.3	358.8	-	95.8	115.5	148.1	22.3	6.6
3420 Automobile bodies, trailers & semi-trailers	168.8	204.8	247.5	290.4	46.0	64.3	825.9	112.7	19.2	4.2
3430 Parts/accessories for automobiles	88.5	77.5	73.8	68.3	36.2	31.6	32.9	35.4	3.2	2.4
351 Building and repairing of ships and boats	3101.8	2714.3	2661.7	3008.3	1253.9	1096.7	1085.8	1190.5	146.1	97.3
3511 Building and repairing of ships	2660.6	2278.0	2227.9	2604.2	1040.5	875.2	854.9	957.4	121.5	75.6
3512 Building/repairing of pleasure/sport. boats	441.3	436.4	433.8	404.1	213.4	221.5	231.0	233.1	24.6	21.7
3520 Railway/tramway locomotives & rolling stock	-	-	-	-	-	-	-	-	-	-
3530 Aircraft and spacecraft	1433.5	1574.8	1908.6	2194.0	818.0	902.3	1089.1	1252.2	90.6	131.1
359 Transport equipment n.e.c.	399.0	256.5	274.8	252.5	154.3	116.3	119.5	132.9	5.0	8.4
3591 Motorcycles	-	-	-	-	-	-	-	-	-	-
3592 Bicycles and invalid carriages	-	-	-	-	-	-	-	-	-	-
3599 Other transport equipment n.e.c.	399.0	256.5	274.8	252.5	154.3	116.3	119.5	132.9	5.0	8.4
3610 Furniture	646.4	649.7	663.5	550.9	220.7	228.2	246.7	206.7	38.3	17.0
369 Manufacturing n.e.c.	816.9	665.3	651.3	514.4	194.9	174.2	196.6	162.9	51.7	217.7
3691 Jewellery and related articles	319.7	288.5	274.7	219.3	35.6	31.2	30.2	30.0	1.9	0.8
3692 Musical instruments	-	-	-	-	-	-	-	-	-	-
3693 Sports goods	-	-	-	-	-	-	-	-	-	-
3694 Games and toys	135.0	55.9	47.7	17.8	24.4	5.7	12.4	4.1	0.9	0.3
3699 Other manufacturing n.e.c.	362.2	320.9	328.9	277.3	134.9	137.3	154.0	128.8	49.0	216.7
3710 Recycling of metal waste and scrap	25.0	36.7	44.6	41.4	8.3	12.9	17.2	19.4	11.6	4.0
3720 Recycling of non-metal waste and scrap	-	-	-	-	-	-	-	-	-	-
D Total manufacturing	113358.0	119869.0	126530.9	121433.1	34882.4	36881.3	38688.1	38782.9	10427.5	6940.3

## Singapore

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		89	99	99	100	104	110	112	112	113	115	112	99
16	Tobacco products		26	47	68	100	111	126	130	182	180	173	142	125
17	Textiles		95	102	107	100	107	94	83	80	58	43	46	45
18	Wearing apparel, fur		99	105	107	100	100	90	71	62	51	42	40	45
19	Leather, leather products and footwear		107	113	100	100	111	107	104	97	90	76	69	70
20	Wood products (excl. furniture)		115	115	107	100	85	86	79	73	71	74	67	67
21	Paper and paper products		85	93	95	100	104	92	93	99	107	102	94	82
22	Printing and publishing		74	82	91	100	109	116	126	135	141	141	145	131
23	Coke, refined petroleum products, nuclear fuel		74	78	88	100	103	104	120	122	119	126	131	129
24	Chemicals and chemical products		71	75	83	100	115	107	112	126	127	136	171	214
25	Rubber and plastics products		90	102	102	100	111	108	115	128	141	130	124	103
26	Non-metallic mineral products		63	68	94	100	107	116	125	124	143	151	146	128
27	Basic metals		87	91	91	100	98	103	109	111	101	101	107	89
28	Fabricated metal products		83	98	102	100	101	107	111	124	143	140	136	129
29	Machinery and equipment n.e.c.		66	79	93	100	113	111	105	127	143	150	160	146
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	a/	79	95	108	100	109	109	113	125	131	130	134	130
32	Radio, television and communication equipment	a/	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	a/	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	b/	61	74	90	100	105	105	104	112	113	107	115	131
35	Other transport equipment	b/	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.		116	124	96	100	102	88	83	87	68	65	63	50
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		70	83	91	100	105	108	119	134	148	153	160	159

a/ 31 includes 32 and 33.

b/ 34 includes 35.

## SLOVAKIA

<p><b>Supplier of information:</b> Statistical Office of the Slovak Republic, Bratislava.</p> <p><b>Basic source of data:</b> Not reported.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> From 1995 to 1997 enterprises with 25 or more employees, since 1997 enterprises with 20 or more employees.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b></p>
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## Slovakia

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million KORUNAS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		76	85	84	78		14325	14348	13404	12870		1142	1350	1425	1472
1511 Processing/preserving of meat		52	55	56	48		10339	9954	9759	9427		829	959	1043	1070
1512 Processing/preserving of fish		5	5	6	6		632	639	672	777		54	61	77	90
1513 Processing/preserving of fruit & vegetables		16	20	18	19		2404	2659	1904	1666		163	207	177	161
1514 Vegetable and animal oils and fats		3	5	4	5		950	1096	1069	1000		96	123	131	151
1520 Dairy products		34	38	41	36		4923	5129	5233	4759		424	509	572	558
153 Grain mill products; starches; animal feeds		46	48	47	45		5539	5399	5190	5017		521	586	623	622
1531 Grain mill products		10	11	11	11		2377	2166	2084	2104		234	250	260	260
1532 Starches and starch products		6	6	5	4		653	690	529	469		59	73	82	80
1533 Prepared animal feeds		30	31	31	30		2509	2543	2577	2444		228	263	281	282
154 Other food products		82	102	123	127		14544	...	16681	16696		1194	...	1686	1772
1541 Bakery products		61	79	92	106		9314	10773	10356	12739		699	904	982	1312
1542 Sugar		8	8	10	7		2513	2632	2551	2112		231	275	279	248
1543 Cocoa, chocolate and sugar confectionery		3	4	6	3		1691	1492	2092	75		164	162	238	7
1544 Macaroni, noodles & similar products		-	1	2	-		-	-	-	-		-	-	-	-
1549 Other food products n.e.c.		10	10	13	11		1026	1422	1608	1770		100	136	179	204
155 Beverages		41	53	64	56		9362	9043	9124	8477		830	905	1007	1024
1551 Distilling, rectifying & blending of spirits		7	8	10	11		1881	1775	1692	1315		151	162	176	138
1552 Wines		9	13	12	9		1642	1510	1531	1279		154	153	177	157
1553 Malt liquors and malt		13	15	18	17		4326	4398	4095	3997		395	458	477	480
1554 Soft drinks; mineral waters		12	17	24	19		1513	1360	1806	1886		130	132	177	249
1600 Tobacco products		1	1	1	1		...	...	...	...		...	...	...	...
171 Spinning, weaving and finishing of textiles		20	27	19	21		...	...	10411	10189		...	...	867	901
1711 Textile fibre preparation; textile weaving		19	26	19	21		10576	10669	10411	10189		648	757	867	901
1712 Finishing of textiles		1	1	-	-		...	...	...	...		...	...	-	-
172 Other textiles		24	22	24	27		...	1788	2019	2092		...	111	119	160
1721 Made-up textile articles, except apparel		16	16	17	20		1302	1448	1322	1423		75	91	88	110
1722 Carpets and rugs		1	-	2	1		...	-	-	-		...	-	-	-
1723 Cordage, rope, twine and netting		-	-	-	-		...	-	-	-		...	-	-	-
1729 Other textiles n.e.c.		7	6	5	6		595	340	436	546		46	20	28	41
1730 Knitted and crocheted fabrics and articles		25	35	35	36		9603	9827	7879	5800		522	601	536	453
1810 Wearing apparel, except fur apparel		103	132	139	137		29746	29078	28495	28109		1795	1915	2094	2231
1820 Dressing & dyeing of fur; processing of fur		2	1	5	5		...	...	533	523		...	...	50	48
191 Tanning, dressing and processing of leather		18	19	17	13		4688	4203	2597	2207		319	315	243	210
1911 Tanning and dressing of leather		6	9	6	6		2943	2507	1278	1126		218	206	135	122
1912 Luggage, handbags, etc.; saddlery & harness		12	10	11	7		1745	1596	1319	1081		101	109	108	89
1920 Footwear		51	51	60	57		17496	17691	15117	13115		1010	1103	1361	1118
2010 Sawmilling and planing of wood		33	60	66	61		6869	6145	5320	5278		534	512	488	518
202 Products of wood, cork, straw, etc.		53	61	78	60		8137	8552	8589	6784		604	707	789	574
2021 Veneer sheets, plywood, particle board, etc.		10	12	11	12		4490	4090	3809	3428		350	353	358	258
2022 Builders' carpentry and joinery		25	25	35	29		2566	2616	2350	2235		183	212	220	210
2023 Wooden containers		3	4	6	6		187	323	389	387		13	23	31	31
2029 Other wood products; articles of cork/straw		15	20	26	13		894	1523	2041	734		58	119	180	75
210 Paper and paper products		23	28	33	26		13966	13555	12308	11467		1281	1470	1618	1615
2101 Pulp, paper and paperboard		5	8	9	7		10065	9417	8571	8029		919	1006	1079	1124
2102 Corrugated paper and paperboard		4	4	7	5		1040	924	1386	1383		107	115	182	202
2109 Other articles of paper and paperboard		14	16	17	14		2851	3214	2351	2055		255	349	357	289
221 Publishing		36	38	45	35		2403	2375	2761	2470		326	...	531	526
2211 Publishing of books and other publications		8	13	15	9		388	476	702	447		45	70	114	68
2212 Publishing of newspapers, journals, etc.		23	23	27	24		1742	1763	1886	1868		255	330	387	435
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		-	-	-	-
2219 Other publishing		5	2	3	2		273	136	173	...		26	...	30	...

222	Printing and related service activities	35	42	44	31	6082	6140	5604	4885	607	718	742	697
2221	Printing	31	35	36	27	4637	4569	4127	3503	465	534	564	519
2222	Service activities related to printing	4	7	8	4	1445	1571	1447	1382	142	184	179	178
2230	Reproduction of recorded media	1	1	2	2	...	...	...	...	...	...	...	...
2310	Coke oven products	1	1	1	-	...	...	...	...	...	...	...	...
2320	Refined petroleum products	3	3	3	4	6044	5716	5415	5051	870	895	925	942
2330	Processing of nuclear fuel	-	-	2	2	...	...	...	...	...	...	...	...
241	Basic chemicals	10	18	20	16	...	11213	11250	4580	...	1355	1465	650
2411	Basic chemicals, except fertilizers	7	12	11	11	5560	5741	5734	1938	555	670	723	230
2412	Fertilizers and nitrogen compounds	2	3	6	3	...	2821	2906	112	...	305	344	17
2413	Plastics in primary forms; synthetic rubber	1	3	3	2	...	2651	2610	...	...	380	398	...
242	Other chemicals	20	22	30	30	...	7657	8330	7800	...	965	1129	1127
2421	Pesticides and other agro-chemical products	-	-	-	-	...	-	-	-	...	-	-	-
2422	Paints, varnishes, printing ink and mastics	3	4	4	4	1068	1112	1100	1070	118	134	146	150
2423	Pharmaceuticals, medicinal chemicals, etc.	8	9	9	10	5214	5302	5079	4850	574	686	737	736
2424	Soap, cleaning & cosmetic preparations	7	6	13	13	1407	987	1810	1584	141	119	202	200
2429	Other chemical products n.e.c.	2	3	4	3	...	256	341	296	...	26	44	41
2430	Man-made fibres	3	3	3	3	8143	7585	6886	6103	797	860	888	827
251	Rubber products	12	11	16	15	7321	7424	7578	6918	847	989	1106	1079
2511	Rubber tyres and tubes	4	4	6	4	4765	4898	4768	4107	592	717	768	712
2519	Other rubber products	8	7	10	11	2556	2526	2810	2811	255	272	339	367
2520	Plastic products	37	52	57	71	7736	7963	6813	7321	698	848	815	943
2610	Glass and glass products	17	24	26	26	8739	8526	8080	7859	792	885	937	961
269	Non-metallic mineral products n.e.c.	79	109	119	113	...	...	16601	16866	...	...	2048	2218
2691	Pottery, china and earthenware	4	5	9	9	610	786	827	848	52	76	99	104
2692	Refractory ceramic products	6	6	5	5	4356	4459	3868	3852	408	438	436	452
2693	Struct.non-refractory clay; ceramic products	16	38	33	30	3124	2978	2527	2513	266	271	261	287
2694	Cement, lime and plaster	11	12	13	13	4100	3819	3547	3427	459	480	536	541
2695	Articles of concrete, cement and plaster	36	41	46	46	4718	4478	4792	5314	411	471	592	711
2696	Cutting, shaping & finishing of stone	5	6	10	6	365	321	465	268	28	31	54	34
2699	Other non-metallic mineral products n.e.c.	1	1	3	4	...	...	575	644	...	...	72	89
2710	Basic iron and steel	15	18	23	17	21397	23150	23820	21120	2907	3543	3898	3764
2720	Basic precious and non-ferrous metals	6	7	14	12	6172	6451	6965	6376	704	819	1027	939
273	Casting of metals	5	6	7	6	...	...	1390	1321	...	...	153	150
2731	Casting of iron and steel	3	4	5	4	1148	1498	1390	1192	120	161	148	134
2732	Casting of non-ferrous metals	2	2	2	2	...	...	...	...	...	...	...	...
281	Struct.metal products;tanks;steam generators	70	77	100	88	...	14260	12443	11682	...	...	1457	1549
2811	Structural metal products	44	51	72	62	5990	6777	8906	7967	535	617	974	1023
2812	Tanks, reservoirs and containers of metal	24	23	24	22	3984	3074	1766	1869	372	300	232	214
2813	Steam generators	2	3	4	4	...	4409	1771	1846	...	...	251	313
289	Other metal products; metal working services	129	73	89	165	...	...	6883	14021	...	...	712	1645
2891	Metal forging/pressing/stamping/roll-forming	1	2	2	5	...	...	...	394	...	...	...	46
2892	Treatment & coating of metals	24	30	36	53	1651	2152	2431	3288	141	209	266	375
2893	Cutlery, hand tools and general hardware	38	41	51	49	4136	3979	4310	4028	373	366	426	447
2899	Other fabricated metal products n.e.c.	66	-	-	58	7794	-	-	6311	690	-	-	777
291	General purpose machinery	82	94	114	83	25346	26538	26646	19660	2168	2522	2856	2172
2911	Engines & turbines(not for transport equip.)	7	9	12	4	1929	1705	1482	584	161	173	183	75
2912	Pumps, compressors, taps and valves	7	13	14	14	4503	4538	4250	3853	396	462	470	456
2913	Bearings, gears, gearing & driving elements	15	16	17	19	9728	10875	10065	9895	796	1004	1055	1044
2914	Ovens, furnaces and furnace burners	-	-	2	3	...	...	...	292	...	...	...	35
2915	Lifting and handling equipment	16	16	19	19	2910	2757	2280	2164	228	248	220	246
2919	Other general purpose machinery	37	40	50	24	6276	6663	8317	2872	587	635	900	315
292	Special purpose machinery	100	129	131	128	...	...	34835	34177	...	...	4009	4051
2921	Agricultural and forestry machinery	15	37	29	28	5580	3892	6501	5761	412	337	495	620
2922	Machine tools	13	17	19	17	5847	6693	7524	6377	480	612	773	691
2923	Machinery for metallurgy	2	1	2	3	...	...	...	3682	...	...	...	594
2924	Machinery for mining & construction	13	16	11	15	6092	5665	4454	5576	507	525	491	646
2925	Food/beverage/tobacco processing machinery	7	6	6	8	903	763	746	730	69	67	75	75
2926	Machinery for textile, apparel and leather	7	4	6	7	1544	1179	1175	1324	110	83	106	116
2927	Weapons and ammunition	1	-	4	3	...	...	...	261	...	...	27	26
2929	Other special purpose machinery	42	48	54	47	18806	19149	13649	10466	1549	1820	1977	1282
2930	Domestic appliances n.e.c.	8	7	10	10	5376	4969	4920	4749	435	479	528	533

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## Slovakia

ISIC Revision 3 ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million KORUNAS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		8	10	9	10		1238	1336	1045	1244		120	139	116	145
3110 Electric motors, generators and transformers		10	12	20	16		3351	4155	5492	4476		291	389	621	536
3120 Electricity distribution & control apparatus		14	17	19	20		3175	2692	2174	1543		256	236	244	184
3130 Insulated wire and cable		7	12	12	13		2457	3040	4474	4344		212	297	422	490
3140 Accumulators, primary cells and batteries		2	1	2	1		...	...	...	...		...	...	...	...
3150 Lighting equipment and electric lamps		7	12	6	7		3552	3123	2100	1847		218	227	201	184
3190 Other electrical equipment n.e.c.		20	27	33	27		5114	6261	8007	10180		438	600	744	1099
3210 Electronic valves, tubes, etc.		11	10	15	14		1623	1524	2608	3618		164	167	250	404
3220 TV/radio transmitters; line comm. apparatus		8	6	9	8		3894	3119	3021	2657		281	267	311	276
3230 TV and radio receivers and associated goods		2	3	5	7		...	3788	3207	2247		...	313	...	208
331 Medical, measuring, testing appliances, etc.		20	24	32	35		8488	7607	8021	7527		707	790	958	1051
3311 Medical, surgical and orthopaedic equipment		4	7	8	9		3943	3978	3253	2442		333	389	383	270
3312 Measuring/testing/navigating appliances, etc.		9	9	13	15		3789	2882	3679	3577		289	270	357	428
3313 Industrial process control equipment		7	8	11	11		756	747	1089	1508		85	131	219	353
3320 Optical instruments & photographic equipment		1	2	2	3		...	...	...	408		...	...	...	40
3330 Watches and clocks		-	-	-	-		-	-	-	-		-	-	-	-
3410 Motor vehicles		6	6	7	7		7632	7531	8289	8419		714	848	991	1342
3420 Automobile bodies, trailers & semi-trailers		3	8	6	9		348	1145	927	895		32	86	107	95
3430 Parts/accessories for automobiles		19	19	19	20		4689	4431	4593	4712		419	460	548	606
351 Building and repairing of ships and boats		3	3	5	5		3068	2912	2856	2845		278	294	317	355
3511 Building and repairing of ships		3	3	5	5		3068	2912	2856	2845		278	294	317	355
3512 Building/repairing of pleasure/sport. boats		-	-	-	-		-	-	-	-		-	-	-	-
3520 Railway/tramway locomotives & rolling stock		6	7	9	9		6367	6353	6324	6500		621	690	727	777
3530 Aircraft and spacecraft		1	6	3	4		...	3189	569	792		...	294	73	104
359 Transport equipment n.e.c.		6	7	8	7		...	...	1804	1704		...	...	251	233
3591 Motorcycles		2	2	3	3		...	...	354	323		...	...	35	30
3592 Bicycles and invalid carriages		1	2	2	1		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		3	3	3	3		1621	1484	1305	1335		162	232	202	199
3610 Furniture		71	77	83	89		12831	11156	11520	10646		906	883	1060	1009
369 Manufacturing n.e.c.		25	34	38	32		...	...	3688	3533		...	...	328	375
3691 Jewellery and related articles		5	6	6	5		849	863	857	818		69	77	85	89
3692 Musical instruments		-	-	-	-		-	-	-	-		-	-	-	-
3693 Sports goods		1	2	3	4		...	...	591	615		...	...	32	55
3694 Games and toys		4	4	5	3		190	253	529	422		9	14	40	47
3699 Other manufacturing n.e.c.		15	22	24	20		1696	2021	1711	1678		116	167	171	184
3710 Recycling of metal waste and scrap		4	5	7	7		594	587	596	600		72	65	85	87
3720 Recycling of non-metal waste and scrap		5	19	17	18		1136	1118	592	634		96	95	52	66
D Total manufacturing		1560	1825	2151	2011		452078	446266	432468	399530		39160	43905	48692	48014



## Slovakia

ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	Note	(million KORUNAS)				Note	(million KORUNAS)				(million KORUNAS)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
ISIC Industry													
151 Processed meat, fish, fruit, vegetables, fats		16937	20651	20314	20897		3265	3611	3330	3176		...	...
1511 Processing/preserving of meat		12111	14578	14328	14646		2069	2347	1896	2017		...	...
1512 Processing/preserving of fish		733	784	893	1061		209	115	169	175		...	...
1513 Processing/preserving of fruit & vegetables		1121	1612	1501	1231		267	318	328	219		...	...
1514 Vegetable and animal oils and fats		2972	3676	3592	3959		720	831	937	764		...	...
1520 Dairy products		9511	10581	11666	11927		1229	1272	1308	1359		...	...
153 Grain mill products; starches; animal feeds		7519	9006	9321	9058		1692	1642	1653	1815		...	...
1531 Grain mill products		3357	3562	3484	3307		590	593	610	591		...	...
1532 Starches and starch products		882	965	1003	1274		399	275	240	402		...	...
1533 Prepared animal feeds		3280	4479	4834	4477		703	774	803	821		...	...
154 Other food products		11231	...	15541	15259		3778	...	4181	3855		...	...
1541 Bakery products		4624	5728	6507	9394		1786	1976	2492	2785		...	...
1542 Sugar		2775	4411	3486	2475		1034	975	526	286		...	...
1543 Cocoa, chocolate and sugar confectionery		2008	2227	2507	80		417	518	302	10		...	...
1544 Macaroni, noodles & similar products		-	-	-	-		-	-	-	-		...	...
1549 Other food products n.e.c.		1824	2503	3007	3310		541	602	851	774		...	...
155 Beverages		9385	10417	10490	12266		2825	2891	2845	3069		...	...
1551 Distilling, rectifying & blending of spirits		1826	1916	1775	2043		477	604	391	376		...	...
1552 Wines		2040	2572	2292	1878		473	501	662	501		...	...
1553 Malt liquors and malt		4402	4669	4670	5135		1549	1377	1317	1445		...	...
1554 Soft drinks; mineral waters		1117	1261	1753	3210		326	409	475	747		...	...
1600 Tobacco products		...	...	...	...		...	...	...	...		...	...
171 Spinning, weaving and finishing of textiles		...	...	6414	6116		...	...	1501	1643		...	...
1711 Textile fibre preparation; textile weaving		4086	6349	6414	6116		1180	1301	1501	1643		...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...
172 Other textiles		...	644	645	779		...	172	214	280		...	...
1721 Made-up textile articles, except apparel		514	558	527	567		142	132	147	191		...	...
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...
1729 Other textiles n.e.c.		740	86	103	177		201	40	60	73		...	...
1730 Knitted and crocheted fabrics and articles		2103	2665	1780	1501		806	913	712	727		...	...
1810 Wearing apparel, except fur apparel		6422	7793	8291	8697		3334	3276	3552	3860		...	...
1820 Dressing & dyeing of fur; processing of fur		...	...	...	292		...	...	83	45		...	...
191 Tanning, dressing and processing of leather		1730	2023	1305	817		521	380	196	104		...	...
1911 Tanning and dressing of leather		1423	1667	965	534		372	238	47	-31		...	...
1912 Luggage, handbags, etc.; saddlery & harness		307	356	340	282		149	143	149	135		...	...
1920 Footwear		4183	4757	4596	5025		1430	1182	1304	1561		...	...
2010 Sawmilling and planing of wood		3184	3033	3039	3340		921	646	712	717		...	...
202 Products of wood, cork, straw, etc.		3626	4601	5115	3800		1398	1228	1376	965		...	...
2021 Veneer sheets, plywood, particle board, etc.		2486	2560	2583	1873		952	694	692	475		...	...
2022 Builders' carpentry and joinery		799	1022	1101	1173		336	276	336	266		...	...
2023 Wooden containers		69	130	178	183		11	31	45	46		...	...
2029 Other wood products; articles of cork/straw		272	889	1253	571		99	226	304	178		...	...
210 Paper and paper products		17473	19123	22659	21973		6761	4890	5192	6345		...	...
2101 Pulp, paper and paperboard		13087	11572	14396	14883		5592	3084	3312	4472		...	...
2102 Corrugated paper and paperboard		1130	1162	2027	2063		244	111	466	452		...	...
2109 Other articles of paper and paperboard		3256	6389	6236	5026		925	1695	1414	1422		...	...
221 Publishing		1504	...	3494	3464		524	...	1170	1016		...	...
2211 Publishing of books and other publications		211	560	730	515		74	159	196	149		...	...
2212 Publishing of newspapers, journals, etc.		1185	2269	2616	2886		408	672	923	832		...	...
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		...	...
2219 Other publishing		108	...	148	...		42	...	52	...		...	...

continued

## Slovakia

ISIC Revision 3		Output				Value added				Gross fixed capital formation					
		ISIC Industry	Note	(million KORUNAS)				Note	(million KORUNAS)				Note	(million KORUNAS)	
				1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222	Printing and related service activities		4781	5965	5891	5730		1581	1885	1995	1757		...	...	
2221	Printing		3701	4574	4469	4279		1225	1456	1538	1329		...	...	
2222	Service activities related to printing		1080	1391	1423	1451		356	429	457	428		...	...	
2230	Reproduction of recorded media		...	...	...	...		...	...	...	...		...	...	
2310	Coke oven products		...	...	...	...		...	...	...	...		...	...	
2320	Refined petroleum products		29664	37025	40789	33702		6030	5408	7470	6303		...	...	
2330	Processing of nuclear fuel		-	-	-	-		-	-	-	-		...	...	
241	Basic chemicals		...	17827	17699	6827		...	4434	4069	1324		...	...	
2411	Basic chemicals, except fertilizers		9091	10451	9601	3216		2560	2730	2275	498		...	...	
2412	Fertilizers and nitrogen compounds		...	3825	4426	135		...	726	919	-15		...	...	
2413	Plastics in primary forms; synthetic rubber		...	3551	3672	...		...	978	875	...		...	...	
242	Other chemicals		...	12905	14010	12235		...	3821	4258	3561		...	...	
2421	Pesticides and other agro-chemical products		...	-	-	-		...	-	-	-		...	...	
2422	Paints, varnishes, printing ink and mastics		1843	1867	1911	1646		490	310	511	477		...	...	
2423	Pharmaceuticals, medicinal chemicals, etc.		6619	8962	9062	7802		2716	2956	3034	2313		...	...	
2424	Soap, cleaning & cosmetic preparations		1972	1780	2635	2444		587	496	654	719		...	...	
2429	Other chemical products n.e.c.		...	296	402	343		...	59	60	52		...	...	
2430	Man-made fibres		9422	9403	9461	8478		2346	2307	2223	2242		...	...	
251	Rubber products		9239	10246	9779	9313		2545	2410	2607	2532		...	...	
2511	Rubber tyres and tubes		7365	8062	7578	7028		2053	1929	2008	1938		...	...	
2519	Other rubber products		1874	2184	2201	2285		492	481	599	594		...	...	
2520	Plastic products		6671	9398	8896	9232		2247	2268	2190	2397		...	...	
2610	Glass and glass products		5076	6232	5877	5781		2070	2088	1887	2022		...	...	
269	Non-metallic mineral products n.e.c.		...	...	15157	18168		...	...	4876	5763		...	...	
2691	Pottery, china and earthenware		249	355	452	519		68	113	163	174		...	...	
2692	Refractory ceramic products		2461	2603	2565	2749		944	884	871	1005		...	...	
2693	Struct.non-refractory clay; ceramic products		1539	1992	1895	2284		699	859	811	1037		...	...	
2694	Cement, lime and plaster		4576	4862	5545	5844		1704	1325	1545	1561		...	...	
2695	Articles of concrete, cement and plaster		1682	3161	3786	5420		771	950	1185	1510		...	...	
2696	Cutting, shaping & finishing of stone		139	253	318	225		43	57	93	66		...	...	
2699	Other non-metallic mineral products n.e.c.		...	...	596	1127		...	...	208	410		...	...	
2710	Basic iron and steel		49837	61521	70672	67706		10637	8888	9337	8117		...	...	
2720	Basic precious and non-ferrous metals		8494	12988	15951	14420		2660	3569	3950	2814		...	...	
273	Casting of metals		...	...	665	676		...	...	114	122		...	...	
2731	Casting of iron and steel		581	739	624	550		176	199	98	87		...	...	
2732	Casting of non-ferrous metals		...	...	...	...		...	...	...	...		...	...	
281	Struct.metall products;tanks;steam generators		...	...	9793	13037		...	...	2232	2920		...	...	
2811	Structural metal products		2932	3439	5059	6257		1079	992	1501	1675		...	...	
2812	Tanks, reservoirs and containers of metal		2884	1791	1078	1392		491	311	150	306		...	...	
2813	Steam generators		...	...	3656	5388		...	...	581	939		...	...	
289	Other metal products; metal working services		...	...	3076	9073		...	...	1242	2882		...	...	
2891	Metal forging/pressing/stamping/roll-forming		...	...	...	333		...	...	...	85		...	...	
2892	Treatment & coating of metals		692	947	1162	1657		275	351	447	615		...	...	
2893	Cutlery, hand tools and general hardware		1461	1633	1750	1751		697	691	731	689		...	...	
2899	Other fabricated metal products n.e.c.		4159	-	-	5331		1452	-	-	1494		...	...	
291	General purpose machinery		8953	14628	15364	10922		4044	4802	4968	3654		...	...	
2911	Engines & turbines(not for transport equip.)		624	938	1113	224		225	279	269	-23		...	...	
2912	Pumps, compressors, taps and valves		1699	2706	2852	2414		870	875	957	774		...	...	
2913	Bearings, gears, gearing & driving elements		3675	5794	5476	5482		1654	1886	2026	1904		...	...	
2914	Ovens, furnaces and furnace burners		...	...	...	111		...	...	...	70		...	...	
2915	Lifting and handling equipment		827	1538	1312	1064		284	390	348	375		...	...	
2919	Other general purpose machinery		2128	3652	4535	1627		1011	1373	1338	554		...	...	

292	Special purpose machinery	...	...	18450	18091	...	...	4753	5213	...	...
2921	Agricultural and forestry machinery	1472	1417	3274	2869	693	450	910	561	...	...
2922	Machine tools	2134	2726	3742	3407	987	620	1203	1190	...	...
2923	Machinery for metallurgy	...	...	...	1628	...	...	...	716	...	...
2924	Machinery for mining & construction	1974	2705	2038	2994	844	717	528	788	...	...
2925	Food/beverage/tobacco processing machinery	224	298	321	227	116	124	136	69	...	...
2926	Machinery for textile, apparel and leather	459	371	396	428	182	131	148	154	...	...
2927	Weapons and ammunition	...	...	62	70	...	...	-18	9	...	...
2929	Other special purpose machinery	5600	8968	8164	6469	2093	1686	1713	1725	...	...
2930	Domestic appliances n.e.c.	5514	5286	5897	6831	849	769	1183	975	...	...
3000	Office, accounting and computing machinery	398	845	1061	1022	314	291	201	275	...	...
3110	Electric motors, generators and transformers	1825	3744	5932	6149	577	669	762	798	...	...
3120	Electricity distribution & control apparatus	1344	1193	1125	1074	446	392	401	331	...	...
3130	Insulated wire and cable	2793	3606	4444	3437	420	561	637	922	...	...
3140	Accumulators, primary cells and batteries	...	...	...	...	...	...	...	...	...	...
3150	Lighting equipment and electric lamps	941	1128	1190	1238	318	271	320	372	...	...
3190	Other electrical equipment n.e.c.	1804	3062	3196	5370	1019	1164	1344	2309	...	...
3210	Electronic valves, tubes, etc.	1952	2831	4183	5655	508	553	829	1337	...	...
3220	TV/radio transmitters; line comm. apparatus	909	1098	1402	1257	489	519	633	462	...	...
3230	TV and radio receivers and associated goods	...	1790	2022	1796	...	365	374	207	...	...
331	Medical, measuring, testing appliances, etc.	3702	5876	6666	7036	1543	1662	1957	2420	...	...
3311	Medical, surgical and orthopaedic equipment	1513	2348	1984	1303	785	845	576	490	...	...
3312	Measuring/testing/navigating appliances, etc.	1809	2956	3678	3645	558	565	963	951	...	...
3313	Industrial process control equipment	380	572	1004	2089	200	253	419	979	...	...
3320	Optical instruments & photographic equipment	...	...	...	107	...	...	...	32	...	...
3330	Watches and clocks	...	...	...	...	...	...	...	...	...	...
3410	Motor vehicles	16571	21341	24459	58775	1925	2477	2893	5333	...	...
3420	Automobile bodies, trailers & semi-trailers	292	648	784	693	124	173	201	109	...	...
3430	Parts/accessories for automobiles	2325	3115	4018	4608	843	929	1150	1296	...	...
351	Building and repairing of ships and boats	2561	2979	2949	3572	989	479	711	677	...	...
3511	Building and repairing of ships	2561	2979	2949	3572	989	479	711	677	...	...
3512	Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...	...
3520	Railway/tramway locomotives & rolling stock	4132	4817	5568	6816	1363	1257	1508	1757	...	...
3530	Aircraft and spacecraft	...	3235	1	7	...	384	-114	-190	...	...
359	Transport equipment n.e.c.	...	...	2117	1671	...	...	562	449	...	...
3591	Motorcycles	...	...	247	140	...	...	19	-4	...	...
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	894	1729	1792	1513	353	533	523	444	...	...
3610	Furniture	5555	6236	7070	6528	1574	1573	1966	1721	...	...
369	Manufacturing n.e.c.	...	...	1591	2067	...	...	565	677	...	...
3691	Jewellery and related articles	385	772	479	738	144	174	154	248	...	...
3692	Musical instruments	...	...	...	...	...	...	...	...	...	...
3693	Sports goods	...	...	174	257	...	...	60	96	...	...
3694	Games and toys	40	60	109	119	24	29	60	69	...	...
3699	Other manufacturing n.e.c.	599	779	829	953	271	262	291	264	...	...
3710	Recycling of metal waste and scrap	1104	1075	1423	2021	272	144	274	224	...	...
3720	Recycling of non-metal waste and scrap	830	704	485	312	259	165	85	131	...	...
D	Total manufacturing	362936	447104	484294	500264	104417	100456	108428	107727	...	...

## Slovakia

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
15	Food and beverages	...	...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles	...	...	...	...	...	...	...	...	...	...	...	...
18	Wearing apparel, fur	...	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products	...	...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products	...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
27	Basic metals	...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products	...	...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	...	...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	...	...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	...	100	86	72	68	71	78	80	81	86

## SLOVENIA

<p><b>Supplier of information:</b> Statistical Office of the Republic of Slovenia, Ljubljana.</p> <p><b>Basic source of data:</b> Administrative data. Financial data were collected by the Agency for Payments. The Statistical Office of the Republic of Slovenia is a user of these data.</p> <p><b>Major deviations from ISIC (Revision 2):</b> Data are based on the Standard Classification of Economic Activities, in accordance with NACE (Revision 1).</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All registered establishments.</p> <p><b>Method of enumeration:</b> Individual sites are visited by enumerators.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> <u>Output and value added</u> are valued in basic values, before 1996 they are valued in producers' prices.</p> <p><b>Related national publications:</b> Statistical Yearbook; Rapid Report on National Account, both published by Statistical Office of the Republic of Slovenia, Ljubljana.</p>
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## Slovenia

ISIC Revision 2	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million TOLARS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		837	933a/	935a/	977a/	a/	21006	21408	20550	20119	a/	28703	33365	48230	51575
313 Beverages		69	...a/	...a/	...a/	a/	...	...	...	...	a/	...	...	...	...
314 Tobacco		1	...a/	...a/	...a/	a/	...	...	...	...	a/	...	...	...	...
321 Textiles		649	2964b/	2382b/	2199b/	b/	39064	35190	32979	31613	b/	32457	33551	49711	52257
322 Wearing apparel, except footwear		1826	...b/	...b/	...b/	b/	...	...	...	...	b/	...	...	...	...
323 Leather and fur products		298	773c/	521c/	427c/	c/	10750	10227	8448	7247	c/	9825	9714	13334	12144
324 Footwear, except rubber or plastic		271	...c/	...c/	...c/	c/	...	...	...	...	c/	...	...	...	...
331 Wood products, except furniture		1536	2368	1599	1613		11919	13168	11491	11035		11743	13852	19340	20590
332 Furniture and fixtures, excl. metal		1754	...d/	...d/	...d/	d/	...	...	...	...	d/	...	...	...	...
341 Paper and products		264	1832e/	1591e/	1703e/	e/	17103	17079	16859	14847	e/	22436	24061	41852	45747
342 Printing and publishing		1235	...e/	...e/	...e/	e/	...	...	...	...	e/	...	...	...	...
351 Industrial chemicals		73	272f/	243f/	238f/	f/	13559	14294	13843	13795	f/	24465	29247	44774	48222
352 Other chemicals		166	...f/	...f/	...f/	f/	...	...	...	...	f/	...	...	...	...
353 Petroleum refineries		11	13g/	13g/	7g/	g/	852	845	782	763	g/	1374	1516	2082	2087
354 Misc. petroleum and coal products		-	...g/	...g/	...g/	g/	...	...	...	...	g/	...	...	...	...
355 Rubber products		213	1745h/	1334h/	1324h/	h/	11495	11132	10409	11754	h/	13447	14471	21681	25501
356 Plastic products		1084	...h/	...h/	...h/	h/	...	...	...	...	h/	...	...	...	...
361 Pottery, china, earthenware		60	519i/	425i/	450i/	i/	12420	11658	10608	10447	i/	14714	15514	21567	23155
362 Glass and products		67	...i/	...i/	...i/	i/	...	...	...	...	i/	...	...	...	...
369 Other non-metallic mineral products		289	...i/	...i/	...i/	i/	...	...	...	...	i/	...	...	...	...
371 Iron and steel		15	6118j/	5005j/	5015j/	j/	34621	33759	31748	32391	j/	37283	40575	59427	66674
372 Non-ferrous metals		114	...j/	...j/	...j/	j/	...	...	...	...	j/	...	...	...	...
381 Fabricated metal products		4813	...j/	...j/	...j/	j/	...	...	...	...	j/	...	...	...	...
382 Non-electrical machinery		1134	1369k/	1226k/	1389k/	k/	29078	23336	22785	23833	k/	26708	28290	44472	49766
383 Electrical machinery		1723	2575	2204	2129		27592	26637	25406	25897		31774	35108	54053	59360
384 Transport equipment		117	129	119	139		12632	10982	10058	10292		13815	14001	20140	22615
385 Professional and scientific equipment		474	...k/	...k/	...k/	k/	...	...	...	...	k/	...	...	...	...
390 Other manufacturing industries		768	3038d/	2487d/	2392d/	d/	15289	14626	14578	14286	d/	14937	15314	24490	25882
3 Total manufacturing		19861	24648	20084	20002		257380	244341	230544	228319		283681	308577	465153	505575

a/ 311/2 includes 313 and 314.

b/ 321 includes 322.

c/ 323 includes 324.

d/ 390 includes 332.

e/ 341 includes 342.

f/ 351 includes 352.

g/ 353 includes 354.

h/ 355 includes 356.

i/ 361 includes 362 and 369.

j/ 371 includes 372 and 381.

k/ 382 includes 385.

## Slovenia

ISIC Revision 2 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(million TOLARS)				Note	(million TOLARS)				(million TOLARS)		
		1995	1996a/	1997a/	1998a/		1995	1996b/	1997b/	1998b/	1997	1998	
311/2 Food products		159899	250505c/	273772c/	304346c/		58306	76476c/	81998c/	96223c/	d/	17743	26103
313 Beverages		40874	...c/	...c/	...c/		16003	...c/	...c/	...c/	d/	...	...
314 Tobacco		8624	...c/	...c/	...c/		3935	...c/	...c/	...c/		783	687
321 Textiles		76105	134756e/	149670e/	179209e/		23666	57178e/	59865e/	71477e/	e/	5378	6174
322 Wearing apparel, except footwear		51356	...e/	...e/	...e/		28479	...e/	...e/	...e/	e/	...	...
323 Leather and fur products		38800	39438f/	43168f/	38025f/		13936	15324f/	15498f/	12959f/	f/	8179	3139
324 Footwear, except rubber or plastic		21456	...f/	...f/	...f/		8932	...f/	...f/	...f/	f/	...	...
331 Wood products, except furniture		71629	82997	82085	94214		19066	24450	24772	30609		3000	3635
332 Furniture and fixtures, excl. metal		77526	...g/	...g/	...g/		20739	...g/	...g/	...g/	g/	...	...
341 Paper and products		147683	156846h/	176029h/	198153h/		42476	53215h/	60075h/	68604h/		2532	3400
342 Printing and publishing		71498	...h/	...h/	...h/		29668	...h/	...h/	...h/		4958	5639
351 Industrial chemicals		161416	186049i/	217016i/	237849i/		54297	66261i/	81408i/	91311i/	i/	22008	14910
352 Other chemicals		126382	...i/	...i/	...i/		44564	...i/	...i/	...i/	i/	...	...
353 Petroleum refineries	j/	19802	19810	26281	13533	j/	3104	395	2147	2100	j/	333	107
354 Misc. petroleum and coal products	j/	...	...	...	...	j/	...	...	...	...	j/	...	...
355 Rubber products		33732	38866k/	111942k/	133080k/		11195	33996k/	38806k/	47494k/	k/	5790	11345
356 Plastic products		51337	...k/	...k/	...k/		16756	...k/	...k/	...k/	k/	...	...
361 Pottery, china, earthenware	m/	66621	79461	85247	98136	m/	25861	30358	33161	38045	m/	8426	9110
362 Glass and products	m/	...	...	...	...	m/	...	...	...	...	m/	...	...
369 Other non-metallic mineral products	m/	...	...	...	...	m/	...	...	...	...	m/	...	...
371 Iron and steel		235339	256293n/	293188n/	346646n/		70807	78714n/	89189n/	111182n/	n/	12783	17029
372 Non-ferrous metals		50245	...n/	...n/	...n/		10947	...n/	...n/	...n/	n/	...	...
381 Fabricated metal products		136821	...n/	...n/	...n/		50653	...n/	...n/	...n/	n/	...	...
382 Non-electrical machinery		147275	167384p/	205770p/	247053p/		40662	50161p/	63181p/	79897p/	p/	11419	14456
383 Electrical machinery		164792	193400	223628	247876		55092	68364	81068	92709		13280	16349
384 Transport equipment		160556	183532	205189	274885		26866	23221	24970	34706		11929	7451
385 Professional and scientific equipment		36699	...p/	...p/	...p/		13636	...p/	...p/	...p/	p/	...	...
390 Other manufacturing industries		11779	87776g/	103515g/	112562g/		4546	30799g/	35842g/	41197g/	g/	4323	4242
3 Total manufacturing		2168246	1877113	2196500	2525567		694192	609415	691980	818513		132864	143776

a/ Output (in basic values).

b/ Value added (in basic values).

c/ 311/2 includes 313 and 314.

d/ 311/2 includes 313.

e/ 321 includes 322.

f/ 323 includes 324.

g/ 390 includes 332.

h/ 341 includes 342.

i/ 351 includes 352.

j/ 353 includes 354.

k/ 355 includes 356.

m/ 361 includes 362 and 369.

n/ 371 includes 372 and 381.

p/ 382 includes 385.

## Slovenia

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products		105	103	99	100	96	78	76	79	80	83	77	...
313 Beverages		99	96	89	100	96	86	82	81	78	85	88	86
314 Tobacco		129	138	124	100	93	102	94	91	83	89	...	...
321 Textiles		130	126	119	100	81	70	70	70	80	84	77	82
322 Wearing apparel, except footwear		111	100	108	100	91	79	80	74	68	64	69	66
323 Leather and fur products		113	114	118	100	86	87	79	77	78	70	67	...
324 Footwear, except rubber or plastic		136	120	120	100	75	75	74	71	57	42	50	45
331 Wood products, except furniture		117	115	111	100	86	75	74	79	78	79	57	59
332 Furniture and fixtures, excl. metal		124	128	119	100	95	88	92	95	104	107	138	156
341 Paper and products		106	111	105	100	88	77	72	80	78	76	76	77
342 Printing and publishing		75	81	105	100	104	88	96	99	82	78	63	47
351 Industrial chemicals		118	127	125	100	82	79	73	87	86	99	103	109
352 Other chemicals		117	113	108	100	90	61	61	71	71	73	33	36
353 Petroleum refineries		78	84	88	100	111	111	110	71	108	77	84	38
354 Misc. petroleum and coal products		120	119	111	100	85	87	94	121	111	146	...	...
355 Rubber products		96	96	101	100	101	101	100	106	111	111	124	120
356 Plastic products		99	103	106	100	89	67	72	78	83	80	87	91
361 Pottery, china, earthenware		135	138	135	100	106	94	93	92	94	82	70	79
362 Glass and products		82	88	105	100	85	80	81	98	104	102	99	112
369 Other non-metallic mineral products		111	113	107	100	86	79	72	79	79	85	92	...
371 Iron and steel		121	117	115	100	70	68	62	71	72	60	53	53
372 Non-ferrous metals		86	97	103	100	88	81	79	82	89	89	77	78
381 Fabricated metal products		120	115	118	100	94	80	76	76	70	70	71	74
382 Non-electrical machinery		103	99	109	100	79	64	61	72	76	72	63	69
383 Electrical machinery		129	126	133	100	84	68	70	86	100	117	86	...
384 Transport equipment		120	107	107	100	82	68	56	55	57	53	49	63
385 Professional and scientific equipment		106	106	102	100	101	95	97	106	125	111	129	201
390 Other manufacturing industries		192	165	143	100	77	84	97	93	91	94	102	...
3 Total manufacturing		116	114	114	100	87	75	73	78	81	83	...	...



## SOUTH AFRICA

<p><b>Supplier of information:</b> Central Statistical Service, Pretoria.</p> <p><b>Basic source of data:</b> Monthly surveys and periodic censuses.</p> <p><b>Major deviations from ISIC (Revision 3):</b> Manufacture mainly for consumption on premises, grain mills and sawmills operated by farmers for and at their own convenience, and custom milling by retail stores are excluded from manufacturing. The classification is based on the system described in the national publication Standard Industrial Classification of All Economic Activities, 5th Edition, 1993.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All private manufacturing establishments. For the number of establishments and wages and salaries, some government establishments are included.</p> <p><b>Method of enumeration:</b> For the monthly surveys establishments were sampled.</p> <p><b>Adjusted for non-response:</b> Yes.</p>	<p><b>Concepts and definitions of variables:</b> <u>Number of employees</u> is as of 30 June of the reference year. <u>Wages and salaries</u> includes some employers' contributions to pension, holiday and medical aid funds. Employers' contributions to unemployment insurance and workmen's compensation are excluded. Payments in kind are also excluded. <u>Output</u> is gross output. <u>Value added</u> is total value added. <u>Gross fixed capital formation</u> was derived from national accounts calculations.</p> <p><b>Related national publications:</b></p>
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South Africa

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million RAND)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats	...	533	...	...	...	63.7	61.3	58.1	55.3	...	1560	1660	1727	1695	
1511 Processing/preserving of meat	...	289	...	...	...	...	...	...	...	...	...	...	...	...	
1512 Processing/preserving of fish	...	51	...	...	...	...	...	...	...	...	...	...	...	...	
1513 Processing/preserving of fruit & vegetables	...	170	...	...	...	...	...	...	...	...	...	...	...	...	
1514 Vegetable and animal oils and fats	...	23	...	...	...	...	...	...	...	...	...	...	...	...	
1520 Dairy products	...	150	...	...	...	24.7	23.7	23.2	23.1	...	938	962	1018	1289	
153 Grain mill products; starches; animal feeds	...	348	...	...	...	23.3	23.3	20.9	21.1	...	720	775	756	917	
1531 Grain mill products	...	265a/	...	...	...	...	...	...	...	...	...	...	...	...	
1532 Starches and starch products	...	a/	...	...	...	...	...	...	...	...	...	...	...	...	
1533 Prepared animal feeds	...	83	...	...	...	...	...	...	...	...	...	...	...	...	
154 Other food products	...	969	...	...	...	72.8	75.7	75.3	64.4	...	2113	2431	2457	2827	
1541 Bakery products	...	626	...	...	...	...	...	...	...	...	...	...	...	...	
1542 Sugar	...	20	...	...	...	...	...	...	...	...	...	...	...	...	
1543 Cocoa, chocolate and sugar confectionery	...	76	...	...	...	...	...	...	...	...	...	...	...	...	
1544 Macaroni, noodles & similar products	...	247b/	...	...	...	...	...	...	...	...	...	...	...	...	
1549 Other food products n.e.c.	...	b/	...	...	...	...	...	...	...	...	...	...	...	...	
155 Beverages	...	228	...	...	...	31.8	31.7	30.0	29.8	...	1278	1386	1469	1774	
1551 Distilling, rectifying & blending of spirits	...	112c/	...	...	...	...	...	...	...	...	...	...	...	...	
1552 Wines	...	c/	...	...	...	...	...	...	...	...	...	...	...	...	
1553 Malt liquors and malt	...	51	...	...	...	...	...	...	...	...	...	...	...	...	
1554 Soft drinks; mineral waters	...	65	...	...	...	...	...	...	...	...	...	...	...	...	
1600 Tobacco products	...	d/	...	...	...	2.9	2.8	2.8	2.8	...	140	145	144	201	
171 Spinning, weaving and finishing of textiles	...	151	...	...	...	34.6	45.6	42.7	30.2	...	905	1180	1329	1345	
1711 Textile fibre preparation; textile weaving	...	115	...	...	...	...	...	...	...	...	...	...	...	...	
1712 Finishing of textiles	...	36	...	...	...	...	...	...	...	...	...	...	...	...	
172 Other textiles	...	550	...	...	...	32.4	32.9	32.7	26.7	...	798	875	870	997	
1721 Made-up textile articles, except apparel	...	402	...	...	...	...	...	...	...	...	...	...	...	...	
1722 Carpets and rugs	...	31	...	...	...	...	...	...	...	...	...	...	...	...	
1723 Cordage, rope, twine and netting	...	14	...	...	...	...	...	...	...	...	...	...	...	...	
1729 Other textiles n.e.c.	...	103	...	...	...	...	...	...	...	...	...	...	...	...	
1730 Knitted and crocheted fabrics and articles	...	215	...	...	...	13.7	19.2	18.5	14.5	...	265	327	375	380	
1810 Wearing apparel, except fur apparel	...	1434e/	...	...	e/	121.3	130.1	117.9	113.6	e/	2140	2446	2362	2980	
1820 Dressing & dyeing of fur; processing of fur	...	e/	...	...	e/	...	...	...	...	e/	...	...	...	...	
191 Tanning, dressing and processing of leather	...	158	...	...	...	8.9	7.5	7.5	6.4	...	183	187	187	157	
1911 Tanning and dressing of leather	...	32	...	...	...	...	...	...	...	...	...	...	...	...	
1912 Luggage, handbags, etc.; saddlery & harness	...	126	...	...	...	...	...	...	...	...	...	...	...	...	
1920 Footwear	...	266	...	...	...	27.8	25.2	23.2	21.3	...	538	532	497	471	
2010 Sawmilling and planing of wood	...	203	...	...	...	39.3	37.2	35.2	38.4	...	541	572	609	792	
202 Products of wood, cork, straw, etc.	...	1147	...	...	...	29.1	27.5	31.1	36.6	...	562	592	748	1070	
2021 Veneer sheets, plywood, particle board, etc.	...	35	...	...	...	...	...	...	...	...	...	...	...	...	
2022 Builders' carpentry and joinery	...	357	...	...	...	...	...	...	...	...	...	...	...	...	
2023 Wooden containers	...	107	...	...	...	...	...	...	...	...	...	...	...	...	
2029 Other wood products; articles of cork/straw	...	648	...	...	...	...	...	...	...	...	...	...	...	...	
210 Paper and paper products	...	446	...	...	...	49.6	46.3	47.4	45.5	...	2129	2335	2518	2534	
2101 Pulp, paper and paperboard	...	31	...	...	...	...	...	...	...	...	...	...	...	...	
2102 Corrugated paper and paperboard	...	214	...	...	...	...	...	...	...	...	...	...	...	...	
2109 Other articles of paper and paperboard	...	201	...	...	...	...	...	...	...	...	...	...	...	...	
221 Publishing	...	405	...	...	...	7.8	12.8	13.6	14.7	...	466	750	883	998	
2211 Publishing of books and other publications	...	228	...	...	...	...	...	...	...	...	...	...	...	...	
2212 Publishing of newspapers, journals, etc.	...	169	...	...	...	...	...	...	...	...	...	...	...	...	
2213 Publishing of recorded media	...	f/	...	...	...	...	...	...	...	...	...	...	...	...	
2219 Other publishing	...	8f/	...	...	...	...	...	...	...	...	...	...	...	...	

222	Printing and related service activities	1616	...	45.5	39.1	37.7	36.5	1980	1740	1804	1934
2221	Printing	1444	...	...	...	...	...	...	...	...	...
2222	Service activities related to printing	172	...	...	...	...	...	...	...	...	...
2230	Reproduction of recorded media	11	...	0.1	0.2	0.3	0.4	5	13	19	14
2310	Coke oven products	34	...	1.9	1.9	1.9	2.1	93	102	111	150
2320	Refined petroleum products	49g/	...	17.7	16.7	15.4	14.8	1573	1703	1665	1865
2330	Processing of nuclear fuel	...g/	...	...	...	...	...	...	...	...	...
241	Basic chemicals	239	...	29.7	29.4	27.6	27.3	1781	1870	2035	2394
2411	Basic chemicals, except fertilizers	154	...	...	...	...	...	...	...	...	...
2412	Fertilizers and nitrogen compounds	46	...	...	...	...	...	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	39	...	...	...	...	...	...	...	...	...
242	Other chemicals	784	...	66.8	65.0	63.1	68.7	3365	3685	3941	4840
2421	Pesticides and other agro-chemical products	27	...	...	...	...	...	...	...	...	...
2422	Paints, varnishes, printing ink and mastics	187	...	...	...	...	...	...	...	...	...
2423	Pharmaceuticals, medicinal chemicals, etc.	103	...	...	...	...	...	...	...	...	...
2424	Soap, cleaning & cosmetic preparations	296	...	...	...	...	...	...	...	...	...
2429	Other chemical products n.e.c.	171	...	...	...	...	...	...	...	...	...
2430	Man-made fibres	7	...	...	...	...	...	...	...	...	...
251	Rubber products	205	...	17.5	17.6	16.1	14.8	725	752	715	686
2511	Rubber tyres and tubes	57	...	...	...	...	...	...	...	...	...
2519	Other rubber products	148	...	...	...	...	...	...	...	...	...
2520	Plastic products	1100	...	49.7	47.5	46.4	58.3	1389	1462	1668	2473
2610	Glass and glass products	88	...	9.6	9.9	9.6	8.2	493	593	621	603
269	Non-metallic mineral products n.e.c.	1288	...	65.6	66.1	62.8	49.3	1968	2117	2212	2061
2691	Pottery, china and earthenware	112	...	...	...	...	...	...	...	...	...
2692	Refractory ceramic products	25	...	...	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	275	...	...	...	...	...	...	...	...	...
2694	Cement, lime and plaster	24	...	...	...	...	...	...	...	...	...
2695	Articles of concrete, cement and plaster	671	...	...	...	...	...	...	...	...	...
2696	Cutting, shaping & finishing of stone	112	...	...	...	...	...	...	...	...	...
2699	Other non-metallic mineral products n.e.c.	69	...	...	...	...	...	...	...	...	...
2710	Basic iron and steel	122	...	60.5	59.7	55.8	49.2	3671	3957	4140	3992
2720	Basic precious and non-ferrous metals	97	...	18.3	16.0	14.9	15.8	1111	1148	1191	1173
273	Casting of metals	36	...	49.1	49.8	50.3	50.1	...	...	...	...
2731	Casting of iron and steel	22	...	...	...	...	...	...	...	...	...
2732	Casting of non-ferrous metals	14	...	...	...	...	...	...	...	...	...
281	Struct.metall products;tanks;steam generators	1438	...	...	...	...	...	1671	1828	2028	2414
2811	Structural metal products	1175	...	...	...	...	...	...	...	...	...
2812	Tanks, reservoirs and containers of metal	167	...	...	...	...	...	...	...	...	...
2813	Steam generators	96	...	...	...	...	...	...	...	...	...
289	Other metal products; metal working services	2718	...	72.0	77.4	73.7	65.3	2466	3007	3007	2806
2891	Metal forging/pressing/stamping/roll-forming	27	...	...	...	...	...	...	...	...	...
2892	Treatment & coating of metals	1457	...	...	...	...	...	...	...	...	...
2893	Cutlery, hand tools and general hardware	296	...	...	...	...	...	...	...	...	...
2899	Other fabricated metal products n.e.c.	938	...	...	...	...	...	...	...	...	...
291	General purpose machinery	1384	...	23.7	27.0	24.3	25.3	1179	1358	1284	1500
2911	Engines & turbines(not for transport equip.)	...h/	...	...	...	...	...	...	...	...	...
2912	Pumps, compressors, taps and valves	231	...	...	...	...	...	...	...	...	...
2913	Bearings, gears, gearing & driving elements	80	...	...	...	...	...	...	...	...	...
2914	Ovens, furnaces and furnace burners	29	...	...	...	...	...	...	...	...	...
2915	Lifting and handling equipment	234	...	...	...	...	...	...	...	...	...
2919	Other general purpose machinery	810h/	...	...	...	...	...	...	...	...	...
292	Special purpose machinery	1394	...	38.0	39.4	40.0	37.4	1731	2000	2058	2218
2921	Agricultural and forestry machinery	195	...	...	...	...	...	...	...	...	...
2922	Machine tools	195	...	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	13	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	278	...	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	70	...	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	16	...	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...i/	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	627i/	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	109	...	8.9	8.7	9.8	9.6	267	312	321	284

continued

South Africa

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million RAND)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		...	36	...	...		1.2	1.2	0.7	0.9		45	42	38	27
3110 Electric motors, generators and transformers		...	102	...	...		24.0	6.7	8.9	8.4		1422	428	493	481
3120 Electricity distribution & control apparatus		...	183	...	...		4.7	8.4	8.2	7.9		191	254	294	415
3130 Insulated wire and cable		...	41	...	...		11.1	10.3	10.4	10.0		435	442	502	582
3140 Accumulators, primary cells and batteries		...	13	...	...		4.4	3.9	3.9	3.3		180	172	197	217
3150 Lighting equipment and electric lamps		...	85	...	...		1.9	1.8	1.5	1.4		55	62	53	53
3190 Other electrical equipment n.e.c.		...	654	...	...		50.7	56.1	52.8	48.0		1886	2521	2529	2596
3210 Electronic valves, tubes, etc.		...	18	...	...	j/	...	...	...	...		...	...	...	...
3220 TV/radio transmitters; line comm. apparatus		...	36	...	...	j/	...	...	...	...		...	...	...	...
3230 TV and radio receivers and associated goods		...	124	...	...	j/	15.0	16.9	12.7	18.8		666	689	684	1139
331 Medical, measuring, testing appliances, etc.		...	342	...	...		5.9	6.0	4.9	4.4		198	189	191	203
3311 Medical, surgical and orthopaedic equipment		...	133	...	...		...	...	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		...	181	...	...		...	...	...	...		...	...	...	...
3313 Industrial process control equipment		...	28	...	...		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		...	60	...	...		1.6	1.7	1.5	1.4		34	42	44	53
3330 Watches and clocks		...	4	...	...		...	...	...	...		...	...	...	...
3410 Motor vehicles		...	147	...	...		35.5	36.2	33.9	32.5		1749	1874	2045	2254
3420 Automobile bodies, trailers & semi-trailers		...	229	...	...		9.1	9.8	9.7	8.4		330	400	342	445
3430 Parts/accessories for automobiles		...	799	...	...		36.1	36.1	34.0	36.2		1280	1366	1344	1657
351 Building and repairing of ships and boats		...	140	...	...		2.8	2.9	2.5	2.7		111	118	120	122
3511 Building and repairing of ships		...	109	...	...		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		...	31	...	...		...	...	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		...	34	...	...		2.8	3.7	3.7	2.9		156	188	191	207
3530 Aircraft and spacecraft		...	73	...	...		6.4	7.2	7.6	4.5		583	543	605	340
359 Transport equipment n.e.c.		...	21	...	...		0.9	0.6	0.4	0.5		21	18	12	18
3591 Motorcycles		...	10k/	...	...		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		...	k/	...	...		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		...	11	...	...		...	...	...	...		...	...	...	...
3610 Furniture		...	1579	...	...		45.8	47.7	45.3	44.4		1099	1141	1151	1393
369 Manufacturing n.e.c.		...	1129	...	...		21.2	24.2	22.5	19.0		498	577	576	615
3691 Jewellery and related articles		...	398	...	...		...	...	...	...		...	...	...	...
3692 Musical instruments		...	11	...	...		...	...	...	...		...	...	...	...
3693 Sports goods		...	70	...	...		...	...	...	...		...	...	...	...
3694 Games and toys		...	56	...	...		...	...	...	...		...	...	...	...
3699 Other manufacturing n.e.c.		...	594d/	...	...		...	...	...	...		...	...	...	...
3710 Recycling of metal waste and scrap		...	25	...	...	m/	0.5	0.9	0.9	0.9		12	18	24	23
3720 Recycling of non-metal waste and scrap		...	43	...	...	m/	...	...	...	...		...	...	...	...
D Total manufacturing		...	25839	...	...		1440.1	1456.4	1395.6	1333.8		51519	55674	58204	64672

- a/ 1531 includes 1532.
- b/ 1544 includes 1549.
- c/ 1551 includes 1552.
- d/ 3699 includes 1600.
- e/ 1810 includes 1820.
- f/ 2219 includes 2213.
- g/ 2320 includes 2330.
- h/ 2919 includes 2911.
- i/ 2929 includes 2927.
- j/ 3230 includes 3220 and 3210.
- k/ 3591 includes 3592.
- m/ 3710 includes 3720.

South Africa

ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	Note	(million RAND)				Note	(million RAND)				Note	(million RAND)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
ISIC Industry													
151 Processed meat, fish, fruit, vegetables, fats		...	13142	...	...		...	2776	...	...		...	...
1511 Processing/preserving of meat		...	4552	...	...		...	865	...	...		...	...
1512 Processing/preserving of fish		...	1333	...	...		...	544	...	...		...	...
1513 Processing/preserving of fruit & vegetables		...	3685	...	...		...	854	...	...		...	...
1514 Vegetable and animal oils and fats		...	3572	...	...		...	513	...	...		...	...
1520 Dairy products		...	5980	...	...		...	1334	...	...		...	...
153 Grain mill products; starches; animal feeds		...	12708	...	...		...	2060	...	...		...	...
1531 Grain mill products		...	8610a/	...	...		...	1572a/	...	...		...	...
1532 Starches and starch products		...	...a/	...	...		...	...a/	...	...		...	...
1533 Prepared animal feeds		...	4098	...	...		...	488	...	...		...	...
154 Other food products		...	15414	...	...		...	4328	...	...		...	...
1541 Bakery products		...	4224	...	...		...	1221	...	...		...	...
1542 Sugar		...	3565	...	...		...	982	...	...		...	...
1543 Cocoa, chocolate and sugar confectionery		...	2194	...	...		...	671	...	...		...	...
1544 Macaroni, noodles & similar products		...	5432b/	...	...		...	1454b/	...	...		...	...
1549 Other food products n.e.c.		...	...b/	...	...		...	...b/	...	...		...	...
155 Beverages		...	14639	...	...		...	4507	...	...		...	...
1551 Distilling, rectifying & blending of spirits		...	4552c/	...	...		...	1005c/	...	...		...	...
1552 Wines		...	...c/	...	...		...	...c/	...	...		...	...
1553 Malt liquors and malt		...	5944	...	...		...	2081	...	...		...	...
1554 Soft drinks; mineral waters		...	4143	...	...		...	1422	...	...		...	...
1600 Tobacco products		...	...d/	...	...		...	...d/	...	...		...	...
171 Spinning, weaving and finishing of textiles		...	5533	...	...		...	1657	...	...		...	...
1711 Textile fibre preparation; textile weaving		...	4713	...	...		...	1463	...	...		...	...
1712 Finishing of textiles		...	820	...	...		...	193	...	...		...	...
172 Other textiles		...	3693	...	...		...	1169	...	...		...	...
1721 Made-up textile articles, except apparel		...	2157	...	...		...	694	...	...		...	...
1722 Carpets and rugs		...	685	...	...		...	178	...	...		...	...
1723 Cordage, rope, twine and netting		...	125	...	...		...	47	...	...		...	...
1729 Other textiles n.e.c.		...	726	...	...		...	251	...	...		...	...
1730 Knitted and crocheted fabrics and articles		...	1904	...	...		...	589	...	...		...	...
1810 Wearing apparel, except fur apparel		...	8379e/	...	...		...	2939e/	...	...		...	...
1820 Dressing & dyeing of fur; processing of fur		...	...e/	...	...		...	...e/	...	...		...	...
191 Tanning, dressing and processing of leather		...	1881	...	...		...	406	...	...		...	...
1911 Tanning and dressing of leather		...	1609	...	...		...	312	...	...		...	...
1912 Luggage, handbags, etc.; saddlery & harness		...	272	...	...		...	94	...	...		...	...
1920 Footwear		...	2657	...	...		...	911	...	...		...	...
2010 Sawmilling and planing of wood		...	2562	...	...		...	756	...	...		...	...
202 Products of wood, cork, straw, etc.		...	4025	...	...		...	1152	...	...		...	...
2021 Veneer sheets, plywood, particle board, etc.		...	1392	...	...		...	422	...	...		...	...
2022 Builders' carpentry and joinery		...	1432	...	...		...	388	...	...		...	...
2023 Wooden containers		...	320	...	...		...	80	...	...		...	...
2029 Other wood products; articles of cork/straw		...	881	...	...		...	262	...	...		...	...
210 Paper and paper products		...	16991	...	...		...	5212	...	...		...	...
2101 Pulp, paper and paperboard		...	8051	...	...		...	2681	...	...		...	...
2102 Corrugated paper and paperboard		...	5684	...	...		...	1593	...	...		...	...
2109 Other articles of paper and paperboard		...	3256	...	...		...	937	...	...		...	...
221 Publishing		...	3689	...	...		...	1450	...	...		...	...
2211 Publishing of books and other publications		...	952	...	...		...	337	...	...		...	...
2212 Publishing of newspapers, journals, etc.		...	2726	...	...		...	1110	...	...		...	...
2213 Publishing of recorded media		...	...f/	...	...		...	...f/	...	...		...	...
2219 Other publishing		...	11f/	...	...		...	4f/	...	...		...	...

continued

South Africa

ISIC Revision 3	Output					Value added					Gross fixed capital formation		
	ISIC Industry	Note	(million RAND)				Note	(million RAND)				(million RAND)	
			1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
222 Printing and related service activities		...	6332	...	...		...	2502	...	...		...	...
2221 Printing		...	5846	...	...		...	2233	...	...		...	...
2222 Service activities related to printing		...	486	...	...		...	269	...	...		...	...
2230 Reproduction of recorded media		...	188	...	...		...	79	...	...		...	...
2310 Coke oven products		...	667	...	...		...	166	...	...		...	...
2320 Refined petroleum products		...	15586g/	...	...		...	3923g/	...	...		...	...
2330 Processing of nuclear fuel		...	...g/	...	...		...	...g/	...	...		...	...
241 Basic chemicals		...	15591	...	...		...	4380	...	...		...	...
2411 Basic chemicals, except fertilizers		...	5910	...	...		...	1775	...	...		...	...
2412 Fertilizers and nitrogen compounds		...	3944	...	...		...	1036	...	...		...	...
2413 Plastics in primary forms; synthetic rubber		...	5738	...	...		...	1569	...	...		...	...
242 Other chemicals		...	19258	...	...		...	5619	...	...		...	...
2421 Pesticides and other agro-chemical products		...	1182	...	...		...	273	...	...		...	...
2422 Paints, varnishes, printing ink and mastics		...	3005	...	...		...	692	...	...		...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		...	5644	...	...		...	1825	...	...		...	...
2424 Soap, cleaning & cosmetic preparations		...	5678	...	...		...	1702	...	...		...	...
2429 Other chemical products n.e.c.		...	3750	...	...		...	1127	...	...		...	...
2430 Man-made fibres		...	1681	...	...		...	435	...	...		...	...
251 Rubber products		...	3935	...	...		...	1338	...	...		...	...
2511 Rubber tyres and tubes		...	2844	...	...		...	962	...	...		...	...
2519 Other rubber products		...	1091	...	...		...	376	...	...		...	...
2520 Plastic products		...	9172	...	...		...	3016	...	...		...	...
2610 Glass and glass products		...	2324	...	...		...	984	...	...		...	...
269 Non-metallic mineral products n.e.c.		...	8630	...	...		...	3429	...	...		...	...
2691 Pottery, china and earthenware		...	335	...	...		...	142	...	...		...	...
2692 Refractory ceramic products		...	514	...	...		...	229	...	...		...	...
2693 Struct.non-refractory clay; ceramic products		...	1728	...	...		...	730	...	...		...	...
2694 Cement, lime and plaster		...	2191	...	...		...	1057	...	...		...	...
2695 Articles of concrete, cement and plaster		...	2856	...	...		...	927	...	...		...	...
2696 Cutting, shaping & finishing of stone		...	308	...	...		...	113	...	...		...	...
2699 Other non-metallic mineral products n.e.c.		...	697	...	...		...	229	...	...		...	...
2710 Basic iron and steel		...	23227	...	...		...	7337	...	...		...	...
2720 Basic precious and non-ferrous metals		...	9039	...	...		...	3167	...	...		...	...
273 Casting of metals		...	248	...	...		...	92	...	...		...	...
2731 Casting of iron and steel		...	198	...	...		...	76	...	...		...	...
2732 Casting of non-ferrous metals		...	50	...	...		...	16	...	...		...	...
281 Struct.metal products;tanks;steam generators		...	7379	...	...		...	2340	...	...		...	...
2811 Structural metal products		...	5238	...	...		...	1505	...	...		...	...
2812 Tanks, reservoirs and containers of metal		...	1295	...	...		...	394	...	...		...	...
2813 Steam generators		...	846	...	...		...	441	...	...		...	...
289 Other metal products; metal working services		...	13707	...	...		...	4556	...	...		...	...
2891 Metal forging/pressing/stamping/roll-forming		...	78	...	...		...	32	...	...		...	...
2892 Treatment & coating of metals		...	2113	...	...		...	851	...	...		...	...
2893 Cutlery, hand tools and general hardware		...	1489	...	...		...	619	...	...		...	...
2899 Other fabricated metal products n.e.c.		...	10026	...	...		...	3054	...	...		...	...
291 General purpose machinery		...	7707	...	...		...	2454	...	...		...	...
2911 Engines & turbines(not for transport equip.)		...	...h/	...	...		...	...h/	...	...		...	...
2912 Pumps, compressors, taps and valves		...	1118	...	...		...	412	...	...		...	...
2913 Bearings, gears, gearing & driving elements		...	715	...	...		...	250	...	...		...	...
2914 Ovens, furnaces and furnace burners		...	92	...	...		...	24	...	...		...	...
2915 Lifting and handling equipment		...	1770	...	...		...	496	...	...		...	...
2919 Other general purpose machinery		...	4013h/	...	...		...	1272h/	...	...		...	...

292	Special purpose machinery	...	8677	...	...	2831	...	...	...	...
2921	Agricultural and forestry machinery	...	798	...	...	314	...	...	...	...
2922	Machine tools	...	590	...	...	257	...	...	...	...
2923	Machinery for metallurgy	...	83	...	...	29	...	...	...	...
2924	Machinery for mining & construction	...	3547	...	...	944	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	393	...	...	113	...	...	...	...
2926	Machinery for textile, apparel and leather	...	23	...	...	9	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	3242i/	...	...	1164i/	...	...	...	...
2930	Domestic appliances n.e.c.	...	1719	...	...	383	...	...	...	...
3000	Office, accounting and computing machinery	...	135	...	...	41	...	...	...	...
3110	Electric motors, generators and transformers	...	1571	...	...	560	...	...	...	...
3120	Electricity distribution & control apparatus	...	1354	...	...	513	...	...	...	...
3130	Insulated wire and cable	...	2759	...	...	751	...	...	...	...
3140	Accumulators, primary cells and batteries	...	962	...	...	328	...	...	...	...
3150	Lighting equipment and electric lamps	...	693	...	...	216	...	...	...	...
3190	Other electrical equipment n.e.c.	...	2911	...	...	1015	...	...	...	...
3210	Electronic valves, tubes, etc.	...	241	...	...	66	...	...	...	...
3220	TV/radio transmitters; line comm. apparatus	...	531	...	...	156	...	...	...	...
3230	TV and radio receivers and associated goods	...	2162	...	...	731	...	...	...	...
331	Medical, measuring, testing appliances, etc.	...	1222	...	...	406	...	...	...	...
3311	Medical, surgical and orthopaedic equipment	...	338	...	...	138	...	...	...	...
3312	Measuring/testing/navigating appliances, etc.	...	821	...	...	244	...	...	...	...
3313	Industrial process control equipment	...	62	...	...	23	...	...	...	...
3320	Optical instruments & photographic equipment	...	213	...	...	90	...	...	...	...
3330	Watches and clocks	...	4	...	...	2	...	...	...	...
3410	Motor vehicles	...	25869	...	...	4415	...	...	...	...
3420	Automobile bodies, trailers & semi-trailers	...	2051	...	...	538	...	...	...	...
3430	Parts/accessories for automobiles	...	8566	...	...	2940	...	...	...	...
351	Building and repairing of ships and boats	...	548	...	...	188	...	...	...	...
3511	Building and repairing of ships	...	372	...	...	164	...	...	...	...
3512	Building/repairing of pleasure/sport. boats	...	177	...	...	25	...	...	...	...
3520	Railway/tramway locomotives & rolling stock	...	744	...	...	418	...	...	...	...
3530	Aircraft and spacecraft	...	844	...	...	365	...	...	...	...
359	Transport equipment n.e.c.	...	48	...	...	17	...	...	...	...
3591	Motorcycles	...	21j/	...	...	9j/	...	...	...	...
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	...	27	...	...	8	...	...	...	...
3610	Furniture	...	5017	...	...	1527	...	...	...	...
369	Manufacturing n.e.c.	...	7461	...	...	2496	...	...	...	...
3691	Jewellery and related articles	...	2014	...	...	281	...	...	...	...
3692	Musical instruments	...	4	...	...	2	...	...	...	...
3693	Sports goods	...	106	...	...	39	...	...	...	...
3694	Games and toys	...	85	...	...	30	...	...	...	...
3699	Other manufacturing n.e.c.	...	5251d/	...	...	2144d/	...	...	...	...
3710	Recycling of metal waste and scrap	...	155	...	...	21	...	...	...	...
3720	Recycling of non-metal waste and scrap	...	91	...	...	15	...	...	...	...
D	Total manufacturing	...	334417	...	...	98087	...	...	...	...

a/ 1531 includes 1532.  
b/ 1544 includes 1549.  
c/ 1551 includes 1552.  
d/ 3699 includes 1600.  
e/ 1810 includes 1820.  
f/ 2219 includes 2213.  
g/ 2320 includes 2330.  
h/ 2919 includes 2911.  
i/ 2929 includes 2927.  
j/ 3591 includes 3592.

South Africa

ISIC Revision 3	Index numbers of industrial production													
	ISIC Industry	Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15	Food and beverages		...	...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products		...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles		113	112	111	100	100	97	100	107	110	108	114	103
18	Wearing apparel, fur		89	91	98	100	96	89	93	99	114	103	107	100
19	Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)		100	108	103	100	99	97	99	114	129	134	147	139
21	Paper and paper products		103	112	111	100	96	98	96	103	115	104	107	108
22	Printing and publishing		100	104	105	100	103	97	105	107	105	105	104	99
23	Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
27	Basic metals		...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products		93	94	100	100	94	90	88	95	102	111	116	111
29	Machinery and equipment n.e.c.	a/	82	90	97	100	94	89	88	85	95	100	105	98
30	Office, accounting and computing machinery	a/	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus		95	102	101	100	99	95	94	103	121	117	123	119
32	Radio, television and communication equipment		...	...	...	100	91	85	85	90	78	67	78	94
33	Medical, precision and optical instruments		108	109	106	100	109	120	112	110	111	110	110	88
34	Motor vehicles, trailers, semi-trailers		89	115	112	100	100	90	94	99	125	123	120	113
35	Other transport equipment		102	112	106	100	95	84	68	73	72	99	95	91
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		96	98	100	100	96	93	94	96	102	104	107	104

a/ 29 includes 30.



## SPAIN

**Supplier of information:**

Instituto Nacional de Estadística (I.N.E.), Ministerio de Economía y Hacienda, Madrid.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.

**Basic source of data:**

Business industrial survey.

**Major deviations from ISIC (Revision 3):**

The original system used was the National Classification of Economic Activities (CNAE 1993). This classification is equivalent, at the 4-digit level to NACE (Revision 1) and aligns with ISIC (Rev.3).

**Reference period (if not calendar year):****Scope:**

All units employing one or more persons.

**Method of enumeration:**

Establishments with 20 or more persons engaged are completely enumerated. Smaller establishments are sampled.

**Adjusted for non-response:**

Yes.

**Concepts and definitions of variables:**

Number of employees is calculated as the mean of the number on four dates during the survey (in March, June, October, December) and includes both paid and unpaid staff and office staff as well as operatives.

Wages and salaries comprises gross salary, wages and payments in kind to the paid staff, excluding employer's social security contributions.

Output follows the Spanish definition of gross output, this being the aggregate total of: (a) the output of goods and services for sale, including payments received for services and work performed by others and the value of electricity sold; (b) goods resold in the same condition as received; (c) payments for services rendered (rental of machines, technical assistance, etc.); (d) products and work in progress; and (e) capital formation for own account (fixed assets produced for own use and the value of major repairs and improvements to own capital assets using own resources).

Value added is calculated as the difference between the value of gross output and intermediate consumption in purchaser prices. Intermediate consumption includes the cost of: (a) raw materials and consumables; (b) energy consumed for power and heating, steam, electricity, gas, etc.; (c) purchases of industrial and non-industrial services; and (d) goods purchased for resale in the same condition as received.

Gross fixed capital formation is calculated by subtracting the value of sales of own fixed assets from the value of purchases of new and used fixed assets, major repairs and improvements to fixed assets performed by others, construction of assets for own account and major repairs and improvements to fixed assets carried out using own materials and labour.

**Related national publications:**

Encuesta Industrial Anual de Empresas (I.N.E.), published by the Instituto Nacional de Estadística, Madrid.

## Spain

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(billion PESETAS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		6142	6108	5954	6254		114.9	112.9	118.1	123.6		240.9	247.7	262.4	283.2
1511 Processing/preserving of meat		3268	3139	3028	3284		56.2	56.5	57.0	60.4		122.7	130.1	133.7	146.2
1512 Processing/preserving of fish		534	563	531	589		17.6	16.8	17.4	18.6		30.8	30.3	32.8	35.6
1513 Processing/preserving of fruit & vegetables		1101	1099	1145	1137		30.6	29.7	31.3	33.4		59.9	59.6	64.8	72.2
1514 Vegetable and animal oils and fats		1239	1307	1250	1243		10.6	9.8	12.5	11.1		27.5	27.7	31.1	29.1
1520 Dairy products		1031	921	1030	911		27.4	25.4	25.3	25.4		86.1	82.2	82.9	84.9
153 Grain mill products; starches; animal feeds		1393	1461	1484	1402		19.1	19.0	19.9	19.3		51.4	53.4	58.8	59.9
1531 Grain mill products		620	616	619	559		6.6	6.3	6.4	6.2		15.1	15.6	15.9	17.2
1532 Starches and starch products		20	34	14	45		1.1	1.2	1.0	1.0		5.1	5.2	5.2	4.9
1533 Prepared animal feeds		753	811	851	798		11.4	11.5	12.4	12.1		31.2	32.6	37.7	37.8
154 Other food products		16377	17019	15904	15251		127.6	128.7	124.9	122.5		264.9	280.1	289.5	300.1
1541 Bakery products		14080	14581	13557	12724		89.3	89.6	86.8	84.4		156.3	166.8	168.7	170.6
1542 Sugar		51	54	43	87		4.0	3.9	3.6	3.2		12.8	13.3	12.7	13.5
1543 Cocoa, chocolate and sugar confectionery		1101	1217	1043	1066		15.8	16.4	15.0	15.4		39.7	41.2	40.7	42.6
1544 Macaroni, noodles & similar products		54	123	179	68		2.2	2.0	1.8	1.6		6.3	6.1	5.1	4.7
1549 Other food products n.e.c.		1090	1045	1081	1305		16.2	16.9	17.7	17.9		49.8	52.7	62.3	68.6
155 Beverages		2565	2675	2526	2469		46.3	44.3	43.6	43.2		169.9	167.9	173.8	177.2
1551 Distilling, rectifying & blending of spirits		278	263	345	270		3.8	3.4	5.0	4.6		12.5	11.4	20.5	19.7
1552 Wines		1848	1976	1727	1766		16.9	16.0	15.7	16.6		44.3	45.7	43.2	48.6
1553 Malt liquors and malt		41	29	32	30		10.0	9.4	8.8	8.3		50.8	48.3	49.2	47.6
1554 Soft drinks; mineral waters		397	407	422	404		15.6	15.5	14.0	13.7		62.2	62.5	60.8	61.3
1600 Tobacco products		34	36	37	39		9.3	8.8	9.3	9.3		36.6	35.7	37.1	40.4
171 Spinning, weaving and finishing of textiles		2160	2839	2677	2507		48.5	50.7	48.1	49.1		105.4	114.3	112.5	115.2
1711 Textile fibre preparation; textile weaving		1421	1810	1856	1677		34.8	35.3	34.4	35.2		73.3	76.9	77.4	78.8
1712 Finishing of textiles		739	1029	822	831		13.8	15.4	13.8	13.9		32.1	37.3	35.0	36.5
172 Other textiles		2359	2832	2845	2755		26.8	27.7	29.0	27.6		52.3	54.5	59.5	60.4
1721 Made-up textile articles, except apparel		1525	1882	1886	1855		13.6	14.7	15.1	15.0		23.1	25.7	28.1	28.9
1722 Carpets and rugs		191	175	156	120		2.7	2.1	2.5	2.2		7.2	5.4	6.3	6.4
1723 Cordage, rope, twine and netting		182	107	208	226		1.4	1.2	1.8	1.7		2.4	2.2	3.3	3.5
1729 Other textiles n.e.c.		461	668	595	554		9.0	9.6	9.6	8.6		19.6	21.3	21.7	21.6
1730 Knitted and crocheted fabrics and articles		1106	1278	1278	1329		16.7	18.0	18.2	19.2		31.2	35.8	36.9	40.5
1810 Wearing apparel, except fur apparel		10205	10118	10549	11138		105.3	105.3	113.7	123.9		168.1	179.4	192.7	209.1
1820 Dressing & dyeing of fur; processing of fur		433	449	465	424		3.0	3.0	3.0	2.6		6.6	6.6	6.7	5.9
191 Tanning, dressing and processing of leather		1573	1697	1487	1432		15.9	16.4	15.5	14.7		31.8	34.5	34.1	34.9
1911 Tanning and dressing of leather		362	344	302	299		7.0	7.1	7.1	6.7		17.2	17.7	18.4	18.0
1912 Luggage, handbags, etc.; saddlery & harness		1211	1353	1184	1133		8.9	9.3	8.4	8.0		14.6	16.8	15.7	16.9
1920 Footwear		3727	5081	4367	4920		41.6	49.6	49.5	53.3		64.2	74.5	78.3	88.2
2010 Sawmilling and planing of wood		1610	1529	1429	1482		10.4	10.4	10.8	10.6		16.6	17.3	19.5	20.2
202 Products of wood, cork, straw, etc.		10707	11888	10712	10834		66.8	69.4	68.4	73.2		125.2	134.4	137.5	151.1
2021 Veneer sheets, plywood, particle board, etc.		311	387	457	355		9.4	9.0	9.9	10.3		21.4	21.0	23.7	25.3
2022 Builders' carpentry and joinery		8165	9175	7726	7983		37.5	41.1	38.1	41.8		66.7	76.2	74.2	81.7
2023 Wooden containers		885	917	837	889		8.7	8.4	8.0	8.3		16.1	15.4	15.2	17.4
2029 Other wood products; articles of cork/straw		1346	1408	1691	1606		11.2	11.0	12.3	12.7		21.1	21.7	24.3	26.7
210 Paper and paper products		1475	1933	1952	1854		45.5	49.0	49.9	48.8		139.6	149.6	161.7	165.6
2101 Pulp, paper and paperboard		234	290	251	241		14.3	15.0	14.6	13.7		51.2	55.0	56.4	55.2
2102 Corrugated paper and paperboard		703	787	932	858		18.7	21.0	21.5	21.5		52.1	58.4	63.9	65.6
2109 Other articles of paper and paperboard		538	857	768	755		12.5	13.0	13.8	13.6		36.2	36.1	41.3	44.8
221 Publishing		2606	2989	3136	3101		36.0	38.0	40.7	40.9		141.3	154.7	166.4	180.0
2211 Publishing of books and other publications		1475	1538	2120	2057		15.2	16.4	19.1	19.1		52.2	61.7	68.3	74.7
2212 Publishing of newspapers, journals, etc.		874	1003	781	951		19.3	19.7	20.6	20.6		84.4	87.9	95.0	101.3
2213 Publishing of recorded media		62	272	36	20		0.4	0.6	0.3	0.3		2.5	1.9	1.3	1.9
2219 Other publishing		194	176	200	74		1.1	1.2	0.8	0.9		2.2	3.2	1.8	2.1

222	Printing and related service activities	9403	10444	10069	10413	69.8	74.2	72.8	75.4	174.3	194.8	201.0	218.2
2221	Printing	7919	8367	8316	8657	56.8	59.7	56.8	61.1	143.3	157.6	161.4	180.5
2222	Service activities related to printing	1484	2077	1753	1756	13.0	14.5	15.9	14.3	31.0	37.2	39.7	37.7
2230	Reproduction of recorded media	36	46	47	49	0.8	0.8	0.8	0.9	1.8	2.3	2.2	2.8
2310	Coke oven products	...	...	...	...	...	...	...	...	...	...	...	...
2320	Refined petroleum products	16	33	18	18	7.1	7.8	8.5	8.1	40.6	46.3	52.0	51.9
2330	Processing of nuclear fuel	...	...	...	2	...	...	...	0.6	...	...	...	3.5
241	Basic chemicals	768	842	1062	1108	32.2	33.1	32.9	32.4	137.9	151.3	149.9	154.9
2411	Basic chemicals, except fertilizers	368	394	541	478	16.9	18.0	17.0	16.2	73.3	85.1	78.5	79.4
2412	Fertilizers and nitrogen compounds	149	138	143	199	4.4	3.8	3.8	4.5	12.7	12.2	12.0	15.9
2413	Plastics in primary forms; synthetic rubber	252	310	377	431	10.9	11.2	12.1	11.7	51.9	54.1	59.4	59.6
242	Other chemicals	2489	2873	2915	2789	90.2	87.8	88.3	89.1	378.0	374.8	377.4	399.0
2421	Pesticides and other agro-chemical products	85	76	75	96	2.6	2.3	2.7	2.8	10.2	9.3	10.9	11.9
2422	Paints, varnishes, printing ink and mastics	547	642	642	590	13.7	13.9	14.7	14.9	47.7	50.3	54.2	57.6
2423	Pharmaceuticals, medicinal chemicals, etc.	386	412	403	348	39.0	37.9	36.1	35.7	192.4	191.5	177.7	188.2
2424	Soap, cleaning & cosmetic preparations	872	1120	1139	1085	22.5	21.9	22.6	22.6	81.2	77.8	85.5	88.8
2429	Other chemical products n.e.c.	598	623	657	669	12.5	11.8	12.2	13.1	46.5	45.9	49.1	52.6
2430	Man-made fibres	36	46	44	42	5.9	5.8	5.9	6.0	22.1	22.5	23.1	25.1
251	Rubber products	716	889	681	769	28.5	29.6	29.3	30.4	94.7	100.9	104.3	114.0
2511	Rubber tyres and tubes	213	247	180	105	16.4	16.1	16.0	16.1	62.4	62.7	65.7	68.6
2519	Other rubber products	504	642	501	663	12.1	13.5	13.3	14.2	32.3	38.2	38.6	45.4
2520	Plastic products	3563	3870	3920	3628	64.1	69.7	68.7	72.0	172.0	189.0	194.5	214.0
2610	Glass and glass products	1163	1058	1071	1055	22.5	21.7	22.9	22.6	63.6	64.6	69.1	73.3
269	Non-metallic mineral products n.e.c.	8849	9232	9691	9346	126.0	126.5	129.3	132.8	324.4	334.3	356.6	388.6
2691	Pottery, china and earthenware	873	1057	1124	975	16.0	15.5	15.9	15.4	38.6	38.2	40.1	42.4
2692	Refractory ceramic products	87	64	111	81	3.1	2.5	2.9	2.8	9.0	8.0	9.2	9.1
2693	Struct. non-refractory clay; ceramic products	1039	920	1052	925	29.1	28.7	30.8	31.3	75.9	77.7	85.3	92.5
2694	Cement, lime and plaster	226	301	266	259	9.3	9.5	9.3	9.3	40.3	42.4	43.1	45.9
2695	Articles of concrete, cement and plaster	3112	3247	3395	3485	37.1	37.4	36.6	39.3	89.5	91.7	96.1	108.0
2696	Cutting, shaping & finishing of stone	3203	3330	3415	3335	26.2	27.5	27.7	28.2	53.9	58.3	60.5	66.7
2699	Other non-metallic mineral products n.e.c.	308	313	327	285	5.3	5.4	6.2	6.5	17.2	18.1	22.3	24.0
2710	Basic iron and steel	444	480	454	451	37.8	33.6	33.9	35.1	136.0	131.1	135.4	145.8
2720	Basic precious and non-ferrous metals	258	313	310	311	13.3	13.4	13.4	13.8	50.7	50.9	52.5	55.6
273	Casting of metals	889	743	733	624	20.2	18.8	19.5	19.8	58.6	56.9	59.7	63.5
2731	Casting of iron and steel	544	416	469	374	14.8	13.4	13.0	13.6	44.3	41.1	39.6	43.6
2732	Casting of non-ferrous metals	345	328	265	249	5.4	5.4	6.6	6.1	14.3	15.8	20.1	20.0
281	Struct. metal products; tanks; steam generators	12287	13963	12890	14229	85.8	91.8	91.6	101.9	182.3	209.1	217.2	247.6
2811	Structural metal products	11464	13059	12074	13481	73.0	78.4	78.2	88.3	147.9	172.5	178.9	208.0
2812	Tanks, reservoirs and containers of metal	643	745	685	622	9.8	10.5	10.7	10.9	25.3	28.1	29.9	31.1
2813	Steam generators	181	159	130	126	3.1	2.9	2.7	2.6	9.0	8.5	8.3	8.4
289	Other metal products; metal working services	11092	12107	12936	12890	126.5	133.8	142.0	149.9	336.8	372.9	403.2	443.1
2891	Metal forging/pressing/stamping/roll-forming	1186	1532	1436	1466	18.8	20.2	20.7	22.5	52.7	60.5	60.3	69.2
2892	Treatment & coating of metals	5049	5344	5621	5584	45.1	47.1	52.4	55.3	115.4	122.2	142.8	158.0
2893	Cutlery, hand tools and general hardware	1921	2039	2255	2268	21.9	22.9	24.2	24.1	61.5	67.4	72.3	73.5
2899	Other fabricated metal products n.e.c.	2937	3191	3623	3571	40.7	43.5	44.7	48.0	107.2	122.9	127.8	142.3
291	General purpose machinery	3125	3447	3473	3503	59.9	62.5	65.7	70.3	184.6	206.7	214.5	236.8
2911	Engines & turbines(not for transport equip.)	111	195	266	190	2.0	2.2	2.7	2.6	7.0	7.7	8.8	9.5
2912	Pumps, compressors, taps and valves	505	539	498	456	12.1	12.5	11.3	11.6	37.2	39.2	37.3	39.0
2913	Bearings, gears, gearing & driving elements	213	212	217	322	3.9	3.8	4.3	4.8	11.8	12.0	14.3	17.3
2914	Ovens, furnaces and furnace burners	64	127	81	211	1.2	0.8	1.1	1.2	4.0	2.9	3.4	3.5
2915	Lifting and handling equipment	590	707	718	735	18.3	18.9	20.5	22.6	60.2	63.7	71.5	77.9
2919	Other general purpose machinery	1642	1667	1693	1589	22.5	24.2	25.8	27.5	64.5	81.2	79.2	89.6
292	Special purpose machinery	5197	5484	5605	5564	57.6	60.5	60.7	64.3	169.3	182.3	190.5	212.3
2921	Agricultural and forestry machinery	1296	1378	1158	1199	8.3	9.2	7.9	8.8	18.5	21.3	19.8	22.2
2922	Machine tools	719	672	688	666	10.9	10.1	11.5	12.3	32.7	32.4	37.9	42.8
2923	Machinery for metallurgy	125	134	419	582	2.3	2.5	3.8	3.9	7.8	8.8	11.5	14.0
2924	Machinery for mining & construction	556	470	562	345	6.4	7.4	6.9	5.6	19.0	21.0	20.8	17.7
2925	Food/beverage/tobacco processing machinery	513	671	936	843	6.7	8.3	7.9	8.9	18.4	23.5	23.8	26.6
2926	Machinery for textile, apparel and leather	533	553	527	389	5.8	4.9	5.4	4.9	15.8	14.7	15.7	15.5
2927	Weapons and ammunition	56	49	49	50	3.0	2.7	2.7	2.6	12.2	11.7	12.2	12.2
2929	Other special purpose machinery	1400	1556	1266	1490	14.2	15.4	14.6	17.3	44.8	48.9	48.9	61.2
2930	Domestic appliances n.e.c.	329	335	283	323	18.7	17.7	17.7	19.4	56.0	52.9	53.3	60.4

continued

## Spain

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(billion PESETAS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		136	154	183	222		9.6	8.9	7.7	7.6		66.2	53.5	48.1	50.2
3110 Electric motors, generators and transformers		469	471	442	399		11.1	10.9	11.0	11.6		37.6	38.9	41.9	45.9
3120 Electricity distribution & control apparatus		359	496	350	380		13.2	13.3	12.7	13.4		39.6	42.4	42.7	45.5
3130 Insulated wire and cable		157	149	164	170		7.5	6.4	6.7	7.2		23.1	19.7	21.4	23.2
3140 Accumulators, primary cells and batteries		14	12	15	19		2.5	2.4	2.6	2.8		10.8	10.1	10.4	11.1
3150 Lighting equipment and electric lamps		753	892	860	858		9.0	9.8	10.2	10.6		21.8	25.2	25.8	29.2
3190 Other electrical equipment n.e.c.		1401	1731	1411	1826		29.2	32.9	34.4	38.3		91.0	96.6	105.1	115.7
3210 Electronic valves, tubes, etc.		426	521	520	509		10.5	11.2	10.8	11.2		33.3	33.6	33.4	36.6
3220 TV/radio transmitters; line comm. apparatus		121	117	120	132		11.9	12.4	11.6	10.6		60.1	77.7	59.6	59.8
3230 TV and radio receivers and associated goods		116	111	112	98		5.9	6.1	6.6	6.7		17.8	18.6	21.2	22.7
331 Medical, measuring, testing appliances, etc.		1527	1738	1800	1911		17.7	18.5	19.2	20.5		54.3	58.2	62.9	65.2
3311 Medical, surgical and orthopaedic equipment		1133	1220	1241	1375		7.4	7.5	7.8	9.2		17.3	18.0	19.0	23.2
3312 Measuring/testing/navigating appliances, etc.		314	420	434	419		8.6	9.0	9.0	9.2		30.3	32.4	34.6	34.2
3313 Industrial process control equipment		80	97	125	117		1.8	2.0	2.5	2.1		6.8	7.7	9.3	7.7
3320 Optical instruments & photographic equipment		126	81	75	67		2.9	2.9	2.8	2.8		8.2	9.0	9.3	9.5
3330 Watches and clocks		113	75	18	47		0.5	0.3	0.2	0.9		1.3	0.8	0.5	2.8
3410 Motor vehicles		63	63	74	78		75.4	75.5	77.1	80.1		269.1	289.9	300.0	319.0
3420 Automobile bodies, trailers & semi-trailers		636	640	685	621		9.0	9.4	10.6	11.4		22.4	23.3	26.2	30.9
3430 Parts/accessories for automobiles		928	1004	958	984		52.9	55.1	60.2	61.1		165.2	176.7	199.7	203.1
351 Building and repairing of ships and boats		879	1102	1056	967		29.1	29.5	30.2	28.3		88.3	92.9	97.6	95.1
3511 Building and repairing of ships		750	980	894	827		28.2	28.1	28.9	26.7		86.4	90.0	94.5	91.4
3512 Building/repairing of pleasure/sport. boats		129	122	162	140		0.9	1.3	1.3	1.6		1.9	2.9	3.0	3.7
3520 Railway/tramway locomotives & rolling stock		50	49	50	48		7.6	7.4	8.0	7.5		27.9	29.3	32.5	32.2
3530 Aircraft and spacecraft		53	52	51	51		10.6	10.6	10.7	11.1		41.4	44.2	45.9	49.2
359 Transport equipment n.e.c.		92	84	93	95		3.7	3.8	4.0	4.2		10.8	11.8	12.2	13.2
3591 Motorcycles		32	29	32	42		2.7	2.6	2.8	3.1		8.0	8.6	9.3	10.7
3592 Bicycles and invalid carriages		36	30	30	29		0.8	0.9	0.7	0.8		2.4	2.7	1.9	1.9
3599 Other transport equipment n.e.c.		25	25	31	24		0.2	0.2	0.5	0.3		0.4	0.5	1.0	0.7
3610 Furniture		11133	12645	12600	12331		95.3	100.6	105.2	112.8		182.1	201.7	211.7	242.5
369 Manufacturing n.e.c.		3282	3589	3362	3444		28.2	29.0	29.2	29.8		60.6	65.0	68.2	71.8
3691 Jewellery and related articles		1290	1446	1299	1335		8.3	9.8	8.8	9.5		16.8	20.0	18.9	21.1
3692 Musical instruments		53	62	59	61		0.6	0.7	0.7	0.7		1.2	1.5	1.6	1.6
3693 Sports goods		83	102	92	90		1.1	1.2	1.1	1.2		2.5	2.7	2.7	3.0
3694 Games and toys		365	455	414	493		6.5	6.4	6.6	6.9		16.0	16.4	18.1	19.1
3699 Other manufacturing n.e.c.		1492	1524	1498	1466		11.7	11.0	12.0	11.5		24.2	24.4	26.8	27.0
3710 Recycling of metal waste and scrap		24	29	37	26		0.3	0.3	0.3	0.3		1.0	1.1	1.1	0.9
3720 Recycling of non-metal waste and scrap		111	101	94	81		1.3	1.0	1.1	0.9		3.3	2.7	2.8	2.3
D Total manufacturing		149137	162973	159170	163943		2073.5	2124.4	2165.6	2349.5		6114.0	6462.8	6724.2	7162.9

## Spain

ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	ISIC Industry	Note	(billion PESETAS)				Note	(billion PESETAS)				1997	1998
			1995	1996	1997	1998		1995	1996	1997	1998		
151 Processed meat, fish, fruit, vegetables, fats		3305.8	3433.5	3826.3	3774.2		522.3	555.4	572.5	618.2		108.0	134.2
1511 Processing/preserving of meat		1532.4	1701.5	1824.9	1748.1		250.2	278.3	272.3	318.2		39.4	53.1
1512 Processing/preserving of fish		319.7	287.0	365.3	418.1		67.8	63.7	69.6	76.3		11.6	17.7
1513 Processing/preserving of fruit & vegetables		585.2	628.0	655.5	709.4		125.4	140.7	145.4	142.3		24.9	29.2
1514 Vegetable and animal oils and fats		868.5	817.0	980.6	898.7		79.0	72.8	85.3	81.5		32.0	34.2
1520 Dairy products		915.3	921.3	953.1	1024.8		189.3	194.5	204.8	201.4		37.8	35.6
153 Grain mill products; starches; animal feeds		1087.1	1097.9	1251.9	1152.8		146.8	150.5	164.0	127.1		27.5	35.8
1531 Grain mill products		300.3	283.6	312.7	296.9		41.5	41.9	45.2	39.3		8.2	9.6
1532 Starches and starch products		59.4	58.4	56.7	53.8		17.6	19.9	21.8	19.8		3.0	3.7
1533 Prepared animal feeds		727.4	755.9	882.5	802.1		87.8	88.7	97.0	68.1		16.3	22.5
154 Other food products		1518.4	1663.5	1678.3	1730.4		534.7	583.0	598.1	589.1		74.1	92.2
1541 Bakery products		660.4	741.6	708.2	726.1		288.0	312.8	319.3	313.9		31.2	40.3
1542 Sugar		154.4	174.7	172.2	168.3		48.1	53.8	52.5	47.5		11.0	12.8
1543 Cocoa, chocolate and sugar confectionery		289.5	310.6	295.9	307.3		84.6	87.4	82.0	80.6		13.3	10.8
1544 Macaroni, noodles & similar products		40.9	45.3	38.8	39.3		12.5	12.8	10.1	9.9		2.2	2.3
1549 Other food products n.e.c.		373.2	391.2	463.3	489.4		101.4	116.3	134.3	137.2		16.4	26.0
155 Beverages		1467.7	1523.6	1594.2	1869.6		465.7	460.8	491.9	653.4		54.6	83.6
1551 Distilling, rectifying & blending of spirits		127.7	126.8	190.5	270.7		48.8	47.6	66.9	130.1		3.1	5.8
1552 Wines		526.2	605.2	628.4	744.6		148.8	148.7	147.0	192.0		32.6	42.7
1553 Malt liquors and malt		295.6	287.2	290.5	325.9		137.3	130.3	137.2	169.4		11.3	20.5
1554 Soft drinks; mineral waters		518.1	504.3	484.7	528.4		130.8	134.2	140.9	162.0		7.6	14.6
1600 Tobacco products		283.1	272.2	324.0	1065.5		86.5	72.6	89.1	787.4		7.3	2.3
171 Spinning, weaving and finishing of textiles		650.4	678.0	779.8	711.1		204.3	213.2	230.9	231.2		41.3	43.2
1711 Textile fibre preparation; textile weaving		504.0	523.0	627.4	538.2		149.0	151.1	164.5	159.3		31.4	30.3
1712 Finishing of textiles		146.4	155.0	152.4	172.9		55.3	62.1	66.4	71.9		9.9	12.9
172 Other textiles		328.7	333.6	383.9	417.1		103.4	102.2	116.4	120.0		16.9	19.3
1721 Made-up textile articles, except apparel		162.6	178.6	190.2	187.7		48.0	48.7	55.6	58.7		8.6	9.7
1722 Carpets and rugs		45.5	29.0	38.3	32.4		12.6	9.2	11.0	10.2		1.1	1.8
1723 Cordage, rope, twine and netting		13.9	14.9	28.9	24.2		4.6	4.4	7.3	8.2		0.3	0.6
1729 Other textiles n.e.c.		106.7	111.2	126.5	172.9		38.2	39.9	42.5	42.9		6.9	7.3
1730 Knitted and crocheted fabrics and articles		181.7	202.7	219.2	236.7		59.5	64.1	69.3	78.3		13.1	12.9
1810 Wearing apparel, except fur apparel		823.8	853.3	997.5	1040.5		279.3	292.0	315.5	363.3		21.0	28.2
1820 Dressing & dyeing of fur; processing of fur		39.5	41.7	52.9	46.1		10.2	10.2	10.2	10.4		1.6	2.3
191 Tanning, dressing and processing of leather		226.2	257.0	255.6	242.9		58.2	65.9	62.3	58.5		6.0	5.2
1911 Tanning and dressing of leather		140.3	160.7	167.0	154.0		31.9	36.5	34.1	31.9		3.5	3.2
1912 Luggage, handbags, etc.; saddlery & harness		85.9	96.3	88.5	88.9		26.3	29.3	28.3	26.5		2.4	2.0
1920 Footwear		589.4	617.2	746.3	776.7		120.8	138.4	147.5	166.7		13.2	18.7
2010 Sawmilling and planing of wood		121.0	120.6	147.7	155.5		34.6	34.7	39.3	39.5		5.5	7.6
202 Products of wood, cork, straw, etc.		767.6	799.5	870.2	994.9		240.6	255.0	271.3	302.4		50.8	52.6
2021 Veneer sheets, plywood, particle board, etc.		200.4	187.6	239.0	253.9		53.6	50.8	63.5	70.7		19.7	22.4
2022 Builders' carpentry and joinery		340.9	389.1	385.1	448.5		120.5	134.8	133.4	150.2		18.5	18.6
2023 Wooden containers		109.6	105.1	107.7	124.4		27.5	29.0	27.9	31.4		4.7	4.7
2029 Other wood products; articles of cork/straw		116.7	117.6	138.4	168.1		39.0	40.5	46.5	50.2		7.9	6.9
210 Paper and paper products		1266.2	1187.0	1228.7	1298.9		375.4	361.1	388.5	409.3		74.3	103.3
2101 Pulp, paper and paperboard		508.0	422.4	451.4	452.7		162.6	124.2	140.9	142.4		26.8	47.3
2102 Corrugated paper and paperboard		465.7	471.4	463.9	504.7		132.6	140.3	142.1	149.8		34.5	41.4
2109 Other articles of paper and paperboard		292.6	293.2	313.3	341.4		80.3	96.7	105.5	117.2		13.0	14.6
221 Publishing		843.3	869.7	984.6	1030.3		292.0	319.1	381.9	381.2		21.2	21.7
2211 Publishing of books and other publications		403.6	395.0	472.1	435.4		131.9	139.5	176.0	160.1		8.6	9.0
2212 Publishing of newspapers, journals, etc.		403.3	444.3	493.9	545.6		150.8	168.9	199.1	210.3		12.3	11.3
2213 Publishing of recorded media		21.8	14.4	10.3	15.2		5.8	4.8	3.4	5.0		0.1	-
2219 Other publishing		14.5	16.0	8.3	34.1		3.4	5.9	3.4	5.9		0.3	1.4

continued

## Spain

ISIC Revision 3 ISIC Industry	Note	Output				Note	Value added				Note	Gross fixed capital formation	
		(billion PESETAS)					(billion PESETAS)					(billion PESETAS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222 Printing and related service activities		804.5	866.7	921.2	1043.6		332.5	365.4	377.5	423.2		67.1	91.0
2221 Printing		687.4	716.7	772.1	890.1		272.6	298.7	306.2	350.9		51.2	73.4
2222 Service activities related to printing		117.1	150.0	149.2	153.5		60.0	66.7	71.3	72.3		15.9	17.6
2230 Reproduction of recorded media		12.6	15.5	16.0	20.4		4.1	5.4	5.7	6.7		-	1.0
2310 Coke oven products		...	...	...	...		...	...	...	...		...	...
2320 Refined petroleum products		1226.9	1561.1	1753.8	2631.9		171.2	177.8	249.7	1405.9		35.6	44.2
2330 Processing of nuclear fuel		...	...	...	35.4		...	...	...	10.6		...	0.8
241 Basic chemicals		1496.4	1503.8	1585.4	1588.2		426.4	400.8	447.9	457.1		135.3	134.2
2411 Basic chemicals, except fertilizers		707.8	807.6	700.2	709.8		219.3	227.9	238.0	243.0		50.8	48.6
2412 Fertilizers and nitrogen compounds		116.9	109.8	118.6	142.1		25.9	28.3	23.4	26.4		4.2	6.5
2413 Plastics in primary forms; synthetic rubber		671.7	586.4	766.7	736.4		181.1	144.6	186.5	187.7		80.3	79.1
242 Other chemicals		2248.9	2317.7	2498.9	2710.0		739.1	761.1	828.5	870.4		85.7	87.0
2421 Pesticides and other agro-chemical products		76.7	79.6	102.9	107.2		23.5	23.5	30.3	32.1		2.3	2.4
2422 Paints, varnishes, printing ink and mastics		323.7	338.8	378.8	423.8		100.8	107.8	123.4	132.9		9.3	19.2
2423 Pharmaceuticals, medicinal chemicals, etc.		1015.6	1070.6	1073.7	1124.8		368.9	391.7	400.0	392.7		45.1	28.1
2424 Soap, cleaning & cosmetic preparations		546.9	551.4	620.6	689.9		147.2	146.8	170.6	192.7		17.7	20.0
2429 Other chemical products n.e.c.		286.0	277.4	322.9	364.3		98.7	91.4	104.2	120.0		11.3	17.2
2430 Man-made fibres		137.7	126.5	147.1	159.7		44.4	36.9	45.7	52.0		22.8	12.7
251 Rubber products		432.6	470.5	493.3	586.6		182.0	203.2	213.1	238.6		27.2	23.4
2511 Rubber tyres and tubes		267.4	283.2	303.2	343.8		118.6	131.5	139.1	151.9		14.0	12.9
2519 Other rubber products		165.2	187.2	190.1	242.8		63.4	71.7	74.0	86.7		13.2	10.4
2520 Plastic products		1101.4	1139.7	1239.2	1373.2		350.4	384.5	401.3	452.0		72.5	98.5
2610 Glass and glass products		342.1	339.4	373.7	394.5		150.8	145.2	155.7	163.9		26.1	18.4
269 Non-metallic mineral products n.e.c.		1879.3	1892.5	2128.2	2489.0		751.0	731.5	827.3	953.8		109.2	156.5
2691 Pottery, china and earthenware		139.7	142.2	151.1	168.1		69.5	69.7	74.9	83.2		7.2	9.5
2692 Refractory ceramic products		50.6	42.8	60.9	50.8		20.7	16.5	19.3	19.4		3.1	3.3
2693 Struct.non-refractory clay; ceramic products		418.7	414.5	470.9	545.2		172.9	167.5	196.1	232.1		37.3	66.9
2694 Cement, lime and plaster		289.7	307.0	330.8	368.7		158.4	152.6	166.1	195.9		22.4	10.5
2695 Articles of concrete, cement and plaster		605.1	593.8	658.2	849.4		190.7	176.7	199.4	231.4		16.6	33.0
2696 Cutting, shaping & finishing of stone		261.3	273.1	318.5	336.6		102.0	111.0	124.7	135.3		16.5	24.8
2699 Other non-metallic mineral products n.e.c.		114.2	119.0	137.8	170.3		36.7	37.4	46.7	56.4		6.0	8.6
2710 Basic iron and steel		1481.3	1254.9	1433.4	1510.8		421.3	319.9	360.4	374.3		65.7	69.4
2720 Basic precious and non-ferrous metals		548.2	562.6	659.3	679.1		131.3	110.5	145.6	143.4		12.5	10.5
273 Casting of metals		282.8	275.7	327.8	347.0		104.7	104.8	117.6	127.0		17.0	21.7
2731 Casting of iron and steel		214.0	200.7	220.4	233.6		78.9	75.0	78.5	85.7		10.4	14.2
2732 Casting of non-ferrous metals		68.8	75.0	107.4	113.5		25.8	29.8	39.1	41.2		6.6	7.5
281 Struct.metall products;tanks;steam generators		946.7	1016.2	1071.9	1235.7		308.7	352.4	366.5	427.3		34.0	40.5
2811 Structural metal products		802.2	863.2	914.3	1072.5		252.7	290.1	303.3	361.3		28.8	33.8
2812 Tanks, reservoirs and containers of metal		108.4	121.0	126.8	132.7		40.8	48.0	49.8	51.8		3.9	5.4
2813 Steam generators		36.1	32.0	30.8	30.5		15.2	14.3	13.4	14.2		1.3	1.3
289 Other metal products; metal working services		1636.4	1792.7	2023.8	2191.9		645.1	699.2	785.0	860.7		105.0	139.7
2891 Metal forging/pressing/stamping/roll-forming		289.1	323.3	343.2	410.1		103.0	115.7	122.8	143.0		18.3	34.3
2892 Treatment & coating of metals		477.5	491.5	598.9	643.7		218.4	222.2	262.4	288.1		32.4	51.6
2893 Cutlery, hand tools and general hardware		265.3	283.7	333.2	362.5		114.0	124.7	141.8	149.8		16.6	16.1
2899 Other fabricated metal products n.e.c.		604.6	694.1	748.5	775.6		209.7	236.6	258.0	279.8		37.7	37.8
291 General purpose machinery		858.1	986.2	1068.5	1239.7		340.5	381.9	400.5	448.4		35.9	47.8
2911 Engines & turbines(not for transport equip.)		38.8	47.1	54.9	61.1		9.5	11.7	12.0	16.3		1.8	2.4
2912 Pumps, compressors, taps and valves		181.1	201.9	198.5	207.7		73.9	79.4	71.2	74.5		9.9	12.1
2913 Bearings, gears, gearing & driving elements		52.5	55.4	78.0	91.3		23.7	25.8	27.4	36.4		6.3	5.8
2914 Ovens, furnaces and furnace burners		17.3	12.8	12.7	15.9		7.8	5.1	5.8	6.5		0.2	0.2
2915 Lifting and handling equipment		263.3	276.4	336.8	416.4		109.0	114.5	141.5	154.4		6.8	11.1
2919 Other general purpose machinery		305.0	392.6	387.6	447.4		116.5	145.4	142.8	160.4		10.9	16.3

292 Special purpose machinery	764.9	876.1	928.0	1089.7	286.8	321.9	342.6	388.5	30.3	45.0
2921 Agricultural and forestry machinery	96.5	117.9	126.6	152.8	32.4	41.4	40.8	44.0	2.4	4.7
2922 Machine tools	154.8	164.0	198.4	241.4	55.7	57.0	71.5	84.2	6.1	9.3
2923 Machinery for metallurgy	38.9	46.8	62.2	66.8	12.6	14.0	23.8	26.2	2.0	3.4
2924 Machinery for mining & construction	98.8	98.0	107.9	105.5	31.8	33.5	36.7	33.3	2.6	2.8
2925 Food/beverage/tobacco processing machinery	83.1	128.8	119.2	141.8	31.4	47.8	44.8	48.3	3.3	3.6
2926 Machinery for textile, apparel and leather	66.1	74.3	68.1	66.1	24.3	25.7	26.4	26.6	2.2	2.4
2927 Weapons and ammunition	37.8	33.3	43.1	50.4	15.1	11.8	13.3	17.2	1.5	1.1
2929 Other special purpose machinery	188.9	212.9	202.5	264.9	83.4	90.6	85.3	108.7	10.3	17.8
2930 Domestic appliances n.e.c.	340.2	359.0	366.0	418.7	97.3	105.2	112.6	127.5	16.4	23.3
3000 Office, accounting and computing machinery	357.8	391.4	367.4	391.1	113.8	135.0	108.4	121.9	14.9	15.0
3110 Electric motors, generators and transformers	182.0	241.2	258.1	301.6	59.8	78.1	88.2	84.6	4.7	7.7
3120 Electricity distribution & control apparatus	202.9	205.1	223.6	243.3	77.7	87.4	91.4	98.3	8.1	5.8
3130 Insulated wire and cable	179.1	157.7	174.5	186.8	53.0	45.2	44.9	47.0	7.2	7.9
3140 Accumulators, primary cells and batteries	55.9	60.1	64.1	70.8	20.0	20.6	21.2	25.0	3.4	4.2
3150 Lighting equipment and electric lamps	125.9	143.4	153.2	175.6	42.5	47.1	48.0	58.3	6.7	7.4
3190 Other electrical equipment n.e.c.	448.8	530.0	566.8	695.4	172.5	200.0	210.8	244.3	23.3	25.9
3210 Electronic valves, tubes, etc.	169.7	169.4	186.5	193.4	65.2	67.7	77.5	76.8	23.3	18.9
3220 TV/radio transmitters; line comm. apparatus	278.4	339.9	315.2	340.7	102.3	116.2	101.7	93.5	7.7	6.5
3230 TV and radio receivers and associated goods	181.4	207.7	250.7	271.3	34.2	41.0	43.6	47.0	6.9	3.2
331 Medical, measuring, testing appliances, etc.	242.6	273.9	301.1	337.6	100.6	110.2	124.2	123.0	9.4	12.6
3311 Medical, surgical and orthopaedic equipment	70.7	77.8	85.7	107.1	33.3	36.0	38.3	45.7	3.3	5.0
3312 Measuring/testing/navigating appliances, etc.	141.0	153.9	166.4	186.9	55.0	60.8	68.4	62.9	5.1	6.9
3313 Industrial process control equipment	30.9	42.2	49.0	43.6	12.3	13.4	17.5	14.4	1.0	0.7
3320 Optical instruments & photographic equipment	34.8	38.3	40.7	42.7	15.3	16.3	17.8	18.2	1.0	1.1
3330 Watches and clocks	5.8	2.8	2.4	18.5	2.1	1.1	0.8	6.2	0.1	0.4
3410 Motor vehicles	3221.4	3485.4	3896.0	4426.3	628.3	690.8	770.5	816.1	124.0	148.6
3420 Automobile bodies, trailers & semi-trailers	174.3	155.2	198.1	238.7	41.4	42.8	51.4	60.4	2.4	8.4
3430 Parts/accessories for automobiles	1001.5	1122.1	1361.9	1421.3	335.7	367.2	437.5	441.7	58.1	75.5
351 Building and repairing of ships and boats	288.6	351.1	402.8	435.3	107.2	106.0	113.7	100.9	9.5	16.0
3511 Building and repairing of ships	278.1	339.6	386.9	415.9	102.9	101.9	107.7	94.9	9.1	15.3
3512 Building/repairing of pleasure/sport. boats	10.5	11.5	16.0	19.4	4.3	4.1	6.0	6.0	0.4	0.7
3520 Railway/tramway locomotives & rolling stock	133.4	121.4	138.7	151.4	44.7	47.7	59.7	53.2	4.0	4.6
3530 Aircraft and spacecraft	138.6	150.8	182.0	207.0	73.0	78.9	94.6	101.9	11.7	15.9
359 Transport equipment n.e.c.	79.0	85.8	93.7	134.8	20.0	19.6	23.0	31.3	3.5	3.5
3591 Motorcycles	60.9	68.6	78.8	116.3	15.2	15.2	18.1	26.5	2.6	3.2
3592 Bicycles and invalid carriages	15.2	13.9	8.9	12.5	4.0	3.5	3.0	3.4	0.3	0.2
3599 Other transport equipment n.e.c.	2.8	3.4	5.9	6.0	0.8	0.9	1.9	1.4	0.6	0.1
3610 Furniture	849.6	926.1	1026.6	1253.7	303.9	335.2	366.0	422.2	32.5	47.9
369 Manufacturing n.e.c.	324.7	370.3	395.3	423.7	113.9	124.1	138.7	142.9	17.9	16.7
3691 Jewellery and related articles	87.5	112.3	105.0	108.2	30.8	32.9	34.5	37.9	2.7	3.9
3692 Musical instruments	4.3	5.1	5.3	4.9	2.2	2.7	2.9	2.4	0.2	0.2
3693 Sports goods	13.1	14.5	15.7	17.9	4.9	5.3	5.3	6.2	0.4	0.7
3694 Games and toys	109.9	117.0	128.3	150.6	34.1	37.0	43.7	44.9	7.9	5.7
3699 Other manufacturing n.e.c.	109.9	121.5	140.9	142.2	42.0	46.2	52.3	51.5	6.6	6.1
3710 Recycling of metal waste and scrap	13.7	12.8	17.0	10.7	2.0	1.9	2.8	1.6	-	0.2
3720 Recycling of non-metal waste and scrap	33.1	19.4	18.6	15.9	7.8	4.9	5.9	4.6	1.0	1.8
D Total manufacturing	39707.6	41834.5	46004.1	54844.8	11759.9	12278.4	13393.6	18357.4	1855.0	2739.8

## Spain

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15		95	98	97	100	103	99	100	101	100	97	105	109
16		119	116	99	100	101	92	112	146	136	136	131	144
17		107	100	104	100	95	89	80	89	90	86	91	92
18		...	...	...	100	93	85	75	85	82	79	81	83
19		...	...	...	100	98	91	82	85	76	72	76	78
20		98	102	105	100	107	90	86	91	95	87	92	97
21		94	94	101	100	103	102	101	112	116	115	125	133
22		94	94	101	100	108	108	106	108	106	104	112	117
23		89	88	94	100	102	106	101	103	97	91	95	98
24		90	92	96	100	95	95	94	107	110	110	117	122
25		98	101	103	100	100	102	96	103	114	117	125	137
26		83	89	96	100	99	92	87	96	102	100	106	115
27		95	98	105	100	101	96	94	103	110	107	114	119
28		82	88	96	100	95	92	81	87	96	97	101	108
29		99	102	110	100	100	91	87	98	112	115	123	131
30		171	154	123	100	84	66	57	42	40	44	41	46
31		84	91	99	100	92	95	87	96	112	113	127	140
32		99	112	107	100	114	78	104	115	131	129	130	133
33		71	66	80	100	100	101	91	97	93	91	99	103
34		84	95	101	100	100	100	83	101	114	119	132	147
35		50	56	62	100	67	92	73	58	85	85	117	124
36		...	...	...	100	95	90	81	79	81	79	82	87
37		...	...	...	...	...	...	...	...	...	...	...	...
D		93	96	100	100	98	95	91	98	103	103	110	117



**ST. VINCENT AND THE GRENADINES**

<p><b>Supplier of information:</b> Statistical Office, Kingstown.</p> <p><b>Basic source of data:</b> National accounts survey of establishments.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All major industries.</p> <p><b>Method of enumeration:</b> Questionnaires were distributed by mail.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the Standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b></p>
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St. Vincent and the Grenadines

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand DOLLARS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		29	30	29	32		257	287	331	285		...	...	...	...
3111 Slaughtering, preparing & preserving meat		2	2	2	2		6	7	66	6		...	...	...	...
3112 Dairy products		3	4	4	5		18	18	20	21		...	...	...	...
3113 Canning, preserving of fruits & vegetables		-	-	-	-		-	-	-	-		...	...	...	...
3114 Canning, preserving and processing of fish		1	1	1	1		...	...	8	10		...	...	...	...
3115 Vegetable and animal oils and fats		1	1	-	-		20	22	-	-		...	...	...	...
3116 Grain mill products		-	-	-	-		-	-	-	-		...	...	...	...
3117 Bakery products		17	17	17	18		...	27	29	37		...	...	...	...
3118 Sugar factories and refineries		-	-	-	-		-	-	-	-		...	...	...	...
3119 Cocoa, chocolate and sugar confectionery		-	-	-	-		-	-	-	-		...	...	...	...
3121 Other food products		4	4	4	5		196	196	192	195		...	...	...	...
3122 Prepared animal feeds		1	1	1	1		17	17	16	16		...	...	...	...
313 Beverages		5	5	6	7		108	148	151	161		...	...	...	...
3131 Distilling, rectifying and blending spirits		1	2	2	2		27	39	38	39		...	...	...	...
3132 Wine industries		-	-	1	2		...	...	4	10		...	...	...	...
3133 Malt liquors and malt		1	1	1	1		81	80	80	86		...	...	...	...
3134 Soft drinks and carbonated waters		3	2	2	2		...	29	29	26		...	...	...	...
314 Tobacco		1	1	1	1		24	24	22	20		...	...	...	...
321 Textiles		-	-	-	-		-	-	-	-		...	...	...	...
3211 Spinning, weaving and finishing textiles		-	-	-	-		-	-	-	-		...	...	...	...
3212 Made-up textile goods excl. wearing apparel		-	-	-	-		-	-	-	-		...	...	...	...
3213 Knitting mills		-	-	-	-		-	-	-	-		...	...	...	...
3214 Carpets and rugs		-	-	-	-		-	-	-	-		...	...	...	...
3215 Cordage, rope and twine		-	-	-	-		-	-	-	-		...	...	...	...
3219 Other textiles		-	-	-	-		-	-	-	-		...	...	...	...
322 Wearing apparel, except footwear		4	4	4	2		201	198	196	46		...	...	...	...
323 Leather and fur products		-	-	-	-		-	-	-	-		...	...	...	...
3231 Tanneries and leather finishing		-	-	-	-		-	-	-	-		...	...	...	...
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		...	...	...	...
3233 Leather prods. excl. wearing apparel		-	-	-	-		-	-	-	-		...	...	...	...
324 Footwear, except rubber or plastic		-	-	-	-		-	-	-	-		...	...	...	...
331 Wood products, except furniture		-	-	-	-		-	-	-	-		...	...	...	...
3311 Sawmills, planing and other wood mills		-	-	-	-		-	-	-	-		...	...	...	...
3312 Wooden and cane containers		-	-	-	-		-	-	-	-		...	...	...	...
3319 Other wood and cork products		-	-	-	-		-	-	-	-		...	...	...	...
332 Furniture and fixtures, excl. metal		9	10	11	11		80	89	101	98		...	...	...	...
341 Paper and products		2	2	2	2		79	81	90	92		...	...	...	...
3411 Pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		...	...	...	...
3412 Containers of paper and paperboard		1	1	1	1		64	66	67	67		...	...	...	...
3419 Other pulp, paper and paperboard articles		1	1	1	1		15	15	23	25		...	...	...	...
342 Printing and publishing		6	7	7	8		62	60	66	66		...	...	...	...
351 Industrial chemicals		1	1	1	1		7	8	8	9		...	...	...	...
3511 Basic chemicals excl. fertilizers		1	1	1	1		7	8	8	9		...	...	...	...
3512 Fertilizers and pesticides		-	-	-	-		-	-	-	-		...	...	...	...
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-		...	...	...	...
352 Other chemicals		1	2	2	3		10	10	11	21		...	...	...	...
3521 Paints, varnishes and lacquers		-	-	-	-		-	-	-	-		...	...	...	...
3522 Drugs and medicines		-	-	-	-		-	-	-	-		...	...	...	...
3523 Soap, cleaning preps., perfumes, cosmetics		1	2	2	3		10	10	11	21		...	...	...	...
3529 Other chemical products		-	-	-	-		-	-	-	-		...	...	...	...
353 Petroleum refineries		-	-	-	-		-	-	-	-		...	...	...	...

354 Misc. petroleum and coal products	-	-	-	-	-	-	-	-	-	...	...	...	...
355 Rubber products	-	-	-	-	-	-	-	-	-	...	...	...	...
3551 Tyres and tubes	-	-	-	-	-	-	-	-	-	...	...	...	...
3559 Other rubber products	-	-	-	-	-	-	-	-	-	...	...	...	...
356 Plastic products	2	2	2	3	-	-	-	-	-	...	...	...	...
361 Pottery, china, earthenware	-	-	-	-	-	-	-	-	-	...	...	...	...
362 Glass and products	-	-	-	-	-	-	-	-	-	...	...	...	...
369 Other non-metallic mineral products	-	-	-	-	-	-	-	-	-	...	...	...	...
3691 Structural clay products	-	-	-	-	-	-	-	-	-	...	...	...	...
3692 Cement, lime and plaster	-	-	-	-	-	-	-	-	-	...	...	...	...
3699 Other non-metallic mineral products	-	-	-	-	-	-	-	-	-	...	...	...	...
371 Iron and steel	-	-	-	-	-	-	-	-	-	...	...	...	...
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	...	...	...	...
381 Fabricated metal products	1	1	1	1	61	61	60	62	-	...	...	...	...
3811 Cutlery, hand tools and general hardware	-	-	-	-	-	-	-	-	-	...	...	...	...
3812 Furniture and fixtures primarily of metal	-	-	-	-	-	-	-	-	-	...	...	...	...
3813 Structural metal products	-	-	-	-	-	-	-	-	-	...	...	...	...
3819 Other fabricated metal products	1	1	1	1	61	61	60	62	-	...	...	...	...
382 Non-electrical machinery	-	-	-	-	-	-	-	-	-	...	...	...	...
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	...	...	...	...
3822 Agricultural machinery and equipment	-	-	-	-	-	-	-	-	-	...	...	...	...
3823 Metal and wood working machinery	-	-	-	-	-	-	-	-	-	...	...	...	...
3824 Other special industrial machinery	-	-	-	-	-	-	-	-	-	...	...	...	...
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	...	...	...	...
3829 Other non-electrical machinery & equipment	-	-	-	-	-	-	-	-	-	...	...	...	...
383 Electrical machinery	1	1	1	1	7	7	10	10	-	...	...	...	...
3831 Electrical industrial machinery	-	-	-	-	-	-	-	-	-	...	...	...	...
3832 Radio, television and communication equipm.	-	-	-	-	-	-	-	-	-	...	...	...	...
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	...	...	...	...
3839 Other electrical apparatus and supplies	1	1	1	1	7	7	10	10	-	...	...	...	...
384 Transport equipment	1	2	2	2	5	21	22	24	-	...	...	...	...
3841 Shipbuilding and repairing	1	2	2	2	5	21	22	24	-	...	...	...	...
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	...	...	...	...
3843 Motor vehicles	-	-	-	-	-	-	-	-	-	...	...	...	...
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	...	...	...	...
3845 Aircraft	-	-	-	-	-	-	-	-	-	...	...	...	...
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	...	...	...	...
385 Professional and scientific equipment	-	-	-	-	-	-	-	-	-	...	...	...	...
3851 Prof. and scientific equipment n.e.c.	-	-	-	-	-	-	-	-	-	...	...	...	...
3852 Photographic and optical goods	-	-	-	-	-	-	-	-	-	...	...	...	...
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	...	...	...	...
390 Other manufacturing industries	-	-	-	-	-	-	-	-	-	...	...	...	...
3901 Jewellery and related articles	-	-	-	-	-	-	-	-	-	...	...	...	...
3902 Musical instruments	-	-	-	-	-	-	-	-	-	...	...	...	...
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	...	...	...	...
3909 Manufacturing industries, n.e.c.	-	-	-	-	-	-	-	-	-	...	...	...	...
3 Total manufacturing	a/	63	68	69	74	a/	901	994	1068	894	...	...	...

a/ Sum of available data.

## SWITZERLAND

**Supplier of information:**

Office Fédéral de la Statistique (OFS), Neuchâtel. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.

**Basic source of data:**

Annual industrial survey.

**Major deviations from ISIC (Revision 3):**

The original system used was the National Classification of Economic Activities (NOGA 1995). This classification is equivalent, at the 4-digit level to NACE (Revision 1) and aligns with ISIC (Rev.3).

**Reference period (if not calendar year):****Scope:**

Establishments with 2 or more persons engaged.

**Method of enumeration:**

The data are collected using three types of questionnaires.

**Adjusted for non-response:**

No.

**Concepts and definitions of variables:**

Number of persons engaged refers to the average number throughout the year.

It includes working proprietors, active business partners, unpaid family workers, salaried employees, wage-earners, and full- and part-time employees.

Output is measured in market prices.

**Related national publications:**

Statistique de la production et de la valeur ajoutée, published by the Office Fédéral de la Statistique (OFS), Neuchâtel.

## Switzerland

ISIC Revision 3	Number of establishments					Number of persons engaged					Wages and salaries paid to employees				
	Note	(numbers)				Note	(thousands)				Note	(million FRANCS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
15 Food and beverages		...	...	...	...		...	...	53.7	54.2		...	...	3188.6	3192.7
16 Tobacco products		...	...	...	...		...	...	...	...		...	...	...	...
17 Textiles		...	...	...	...		...	...	17.0	17.2		...	...	918.3	983.6
18 Wearing apparel, fur		...	...	...	...		...	...	8.9	7.8		...	...	403.3	404.1
19 Leather, leather products and footwear		...	...	...	...		...	...	3.6	3.2		...	...	166.7	171.2
20 Wood products (excl. furniture)		...	...	...	...		...	...	38.9	39.4		...	...	1983.8	1869.2
21 Paper and paper products		...	...	...	...		...	...	14.8	15.1		...	...	963.1	1037.5
22 Printing and publishing		...	...	...	...		...	...	53.5	50.1		...	...	3757.7	3561.2
23 Coke, refined petroleum products, nuclear fuel		...	...	...	...		...	...	...	...		...	...	...	...
24 Chemicals and chemical products		...	...	...	...		...	...	64.3	66.0		...	...	5464.4	5828.5
25 Rubber and plastics products		...	...	...	...		...	...	21.4	21.6		...	...	1405.6	1372.5
26 Non-metallic mineral products		...	...	...	...		...	...	18.1	17.1		...	...	1125.0	1068.1
27 Basic metals		...	...	...	...		...	...	14.4	14.5		...	...	949.3	963.3
28 Fabricated metal products		...	...	...	...		...	...	82.2	83.0		...	...	5024.0	5193.7
29 Machinery and equipment n.e.c.		...	...	...	...		...	...	106.0	106.5		...	...	7758.1	7811.5
30 Office, accounting and computing machinery		...	...	...	...		...	...	...	...		...	...	...	...
31 Electrical machinery and apparatus		...	...	...	...		...	...	43.4	44.2		...	...	3014.5	3077.2
32 Radio, television and communication equipment		...	...	...	...		...	...	15.2	16.2		...	...	1090.5	1135.5
33 Medical, precision and optical instruments		...	...	...	...		...	...	61.2	63.6		...	...	4137.6	4191.6
34 Motor vehicles, trailers, semi-trailers		...	...	...	...		...	...	4.6	4.5		...	...	277.2	279.4
35 Other transport equipment		...	...	...	...		...	...	7.5	7.0		...	...	516.6	543.3
36 Furniture; manufacturing n.e.c.		...	...	...	...		...	...	26.8	26.3		...	...	1553.8	1480.0
37 Recycling		...	...	...	...		...	...	1.9	1.9		...	...	106.9	104.4
D Total manufacturing		...	...	...	...		...	...	...	...		...	...	...	...

Switzerland

ISIC Revision 3		Output				Value added in factor values				Gross fixed capital formation				
		Note	(million FRANCS)				Note	(million FRANCS)				Note	(million FRANCS)	
			1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
ISIC Industry														
15	Food and beverages		...	...	21843.2	21982.0		...	...	5438.4	5666.6		...	...
16	Tobacco products		...	...	...	...		...	...	...	...		...	...
17	Textiles		...	...	3296.1	3502.5		...	...	1367.1	1463.5		...	...
18	Wearing apparel, fur		...	...	1516.5	1777.2		...	...	570.9	541.2		...	...
19	Leather, leather products and footwear		...	...	609.2	441.4		...	...	220.1	201.9		...	...
20	Wood products (excl. furniture)		...	...	6299.8	6500.9		...	...	3017.2	2931.1		...	...
21	Paper and paper products		...	...	4340.1	4594.3		...	...	1600.8	1738.4		...	...
22	Printing and publishing		...	...	10990.1	10370.7		...	...	5500.6	5379.4		...	...
23	Coke, refined petroleum products, nuclear fuel		...	...	...	...		...	...	...	...		...	...
24	Chemicals and chemical products		...	...	41284.0	43396.2		...	...	12296.3	13026.3		...	...
25	Rubber and plastics products		...	...	5269.2	5666.7		...	...	2177.8	2294.4		...	...
26	Non-metallic mineral products		...	...	4437.2	4588.2		...	...	1708.6	1689.6		...	...
27	Basic metals		...	...	5114.2	4711.8		...	...	1523.9	1493.0		...	...
28	Fabricated metal products		...	...	16038.4	17041.4		...	...	7954.3	8142.7		...	...
29	Machinery and equipment n.e.c.		...	...	30620.7	33064.5		...	...	11659.8	11823.5		...	...
30	Office, accounting and computing machinery		...	...	...	...		...	...	...	...		...	...
31	Electrical machinery and apparatus		...	...	13812.0	13650.2		...	...	4356.2	4488.3		...	...
32	Radio, television and communication equipment		...	...	4484.3	5059.2		...	...	1664.1	1764.2		...	...
33	Medical, precision and optical instruments		...	...	16753.6	20048.6		...	...	7147.5	7797.8		...	...
34	Motor vehicles, trailers, semi-trailers		...	...	1107.5	1188.6		...	...	404.5	402.1		...	...
35	Other transport equipment		...	...	1703.5	2121.4		...	...	676.8	733.6		...	...
36	Furniture; manufacturing n.e.c.		...	...	5685.1	5758.5		...	...	2429.9	2325.1		...	...
37	Recycling		...	...	568.2	540.0		...	...	191.0	186.7		...	...
D	Total manufacturing		...	...	...	...		...	...	...	...		...	...

Switzerland

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages	a/	94	95	98	100	100	99	101	100	102	102	96	95
16	Tobacco products	a/	...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles		106	107	104	100	97	94	90	92	96	91	89	87
18	Wearing apparel, fur		110	101	96	100	102	91	86	82	82	87	89	79
19	Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)		87	89	93	100	94	92	86	94	91	89	92	97
21	Paper and paper products		93	96	99	100	100	102	101	104	104	99	101	103
22	Printing and publishing		94	99	99	100	98	95	93	102	105	107	106	118
23	Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products		76	86	99	100	101	106	113	130	143	157	180	194
25	Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products		97	100	102	100	87	83	77	85	81	76	75	77
27	Basic metals		...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products	b/	87	93	93	100	105	104	100	102	104	103	110	113
29	Machinery and equipment n.e.c.	b/	...	...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery	b/	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	b/	...	...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment	b/	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	b/	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	b/	...	...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment	b/	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		87	95	98	100	100	99	97	100	103	103	108	112

a/ 15 includes 16.

b/ 28 includes 29, 30, 31, 32, 33, 34 and 35.

## SYRIAN ARAB REPUBLIC

<p><b>Supplier of information:</b> Central Bureau of Statistics, Office of the Prime Minister, Damascus.</p> <p><b>Basic source of data:</b> Annual industrial survey.</p> <p><b>Major deviations from ISIC (Revision 2):</b> Manufacturing includes repair services for the general public (part of ISIC major division 9).</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All establishments in the public sector and establishments with 10 or more persons engaged in the private sector. However, the directory of establishments used in the annual industrial survey has not been brought up to date and consequently does not strictly reflect the situation of existing establishments.</p> <p><b>Method of enumeration:</b> Establishments were completely enumerated. Individual sites were visited by enumerators.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> <u>Value added</u> is total value added net of depreciation.</p> <p><b>Related national publications:</b> Statistical Abstract (annual), published by the Central Bureau of Statistics, Office of the Prime Minister, Damascus.</p>
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Syrian Arab Republic

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees a/				Wages and salaries paid a/ to employees						
	Note	(numbers)				Note	(numbers)				Note	(million POUNDS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		...	...	...	...	b/	23007	22874	23359	23237	c/	2538	1802	1860	1962
313 Beverages		...	...	...	...	b/	...	...	...	...	c/	...	...	...	...
314 Tobacco		...	...	...	...	b/	...	...	...	...	c/	1015	935	850	...
321 Textiles		...	...	...	...	d/	21951	21834	24012	25087		2387	2046	2229	2393d/
322 Wearing apparel, except footwear		...	...	...	...	d/	...	...	...	...		1448e/	394e/	389e/	...d/
323 Leather and fur products		...	...	...	...	d/	...	...	...	...		...e/	...e/	...e/	...d/
324 Footwear, except rubber or plastic		...	...	...	...	d/	...	...	...	...		...e/	...e/	...e/	...d/
331 Wood products, except furniture		...	...	...	...	f/	434	403	382	369		255	38	36	38f/
332 Furniture and fixtures, excl. metal		...	...	...	...	f/	...	...	...	...		...g/	...g/	...g/	...f/
341 Paper and products		...	...	...	...	h/	758	589	562	557	h/	186	66	54	54
342 Printing and publishing		...	...	...	...	h/	...	...	...	...	h/	...	...	...	...
351 Industrial chemicals		...	...	...	...	i/	5193	5308	5290	4569	j/	689	566	609	711
352 Other chemicals		...	...	...	...	i/	...	...	...	...	j/	...	...	...	...
353 Petroleum refineries		...	...	...	...	i/	...	...	...	...		871k/	966k/	999k/	...
354 Misc. petroleum and coal products		...	...	...	...	i/	...	...	...	...		...k/	...k/	...k/	...
355 Rubber products		...	...	...	...	i/	...	...	...	...		380m/	236m/	229m/	...
356 Plastic products		...	...	...	...	i/	...	...	...	...		...m/	...m/	...m/	...
361 Pottery, china, earthenware		...	...	...	...	n/	16862	19433	19555	19460	n/	2724	2103	2139	2251
362 Glass and products		...	...	...	...	n/	...	...	...	...	n/	...	...	...	...
369 Other non-metallic mineral products		...	...	...	...	n/	...	...	...	...	n/	...	...	...	...
371 Iron and steel		...	...	...	...	p/	1794	1784	1788	1801	p/	246	198	213	221
372 Non-ferrous metals		...	...	...	...	p/	...	...	...	...	p/	...	...	...	...
381 Fabricated metal products		...	...	...	...	q/	915	918	825	825		823	80	74	78
382 Non-electrical machinery		...	...	...	...	q/	...	...	...	...		377r/	254r/	267r/	...
383 Electrical machinery		...	...	...	...	q/	...	...	...	...		341	325	269	...
384 Transport equipment		...	...	...	...	q/	...	...	...	...		...r/	...r/	...r/	...
385 Professional and scientific equipment		...	...	...	...	q/	-	-	-	-		-	-	-	-
390 Other manufacturing industries		...	...	...	...		562	459	406	402		437g/	43g/	38g/	38
3 Total manufacturing		87894	...	...	...		100213	102066	104224	104399		9478	10052	10255	10846

a/ Public sector only.

b/ 311/2 includes 313 and 314.

c/ 311/2 includes 313.

d/ 321 includes 322, 323 and 324.

e/ 322 includes 323 and 324.

f/ 331 includes 332.

g/ 390 includes 332.

h/ 341 includes 342.

i/ 351 includes 352, 353, 354, 355 and 356.

j/ 351 includes 352.

k/ 353 includes 354.

m/ 355 includes 356.

n/ 361 includes 362 and 369.

p/ 371 includes 372.

q/ 381 includes 382, 383 and 384.

r/ 382 includes 384.

Syrian Arab Republic

ISIC Revision 2 ISIC Industry	Output in producers' prices					Value added in factor values					Gross fixed capital formation		
	Note	(million POUNDS)				Note	(million POUNDS)				Note	(million POUNDS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
311/2 Food products	a/	61657	67445	71570	93864	a/	8255	9971	9726	20094		...	...
313 Beverages	a/	...	...	...	...	a/	...	...	...	...		...	...
314 Tobacco	a/	...	...	...	...	a/	...	...	...	...		...	...
321 Textiles	b/	41645	46198	54139	66951	b/	10277	11036	13355	17486		...	...
322 Wearing apparel, except footwear	b/	...	...	...	...	b/	...	...	...	...		...	...
323 Leather and fur products	b/	...	...	...	...	b/	...	...	...	...		...	...
324 Footwear, except rubber or plastic	b/	...	...	...	...	b/	...	...	...	...		...	...
331 Wood products, except furniture	c/	9194	10216	11623	17352	c/	2588	2926	3404	4537		...	...
332 Furniture and fixtures, excl. metal	c/	...	...	...	...	c/	...	...	...	...		...	...
341 Paper and products	d/	3913	4520	5174	4428	d/	598	694	805	986		...	...
342 Printing and publishing	d/	...	...	...	...	d/	...	...	...	...		...	...
351 Industrial chemicals	e/	38772	60641	78531	86293	e/	9719	11055	5062	5041		...	...
352 Other chemicals	e/	...	...	...	...	e/	...	...	...	...		...	...
353 Petroleum refineries	e/	...	...	...	...	e/	...	...	...	...		...	...
354 Misc. petroleum and coal products	e/	...	...	...	...	e/	...	...	...	...		...	...
355 Rubber products	e/	...	...	...	...	e/	...	...	...	...		...	...
356 Plastic products	e/	...	...	...	...	e/	...	...	...	...		...	...
361 Pottery, china, earthenware	f/	17186	18223	20160	34649	f/	6739	6977	7978	10055		...	...
362 Glass and products	f/	...	...	...	...	f/	...	...	...	...		...	...
369 Other non-metallic mineral products	f/	...	...	...	...	f/	...	...	...	...		...	...
371 Iron and steel	g/	3457	4516	4978	7595	g/	593	739	861	1782		...	...
372 Non-ferrous metals	g/	...	...	...	...	g/	...	...	...	...		...	...
381 Fabricated metal products	h/	22551	26095	29373	43843	h/	6243	7336	8036	12813		...	...
382 Non-electrical machinery	h/	...	...	...	...	h/	...	...	...	...		...	...
383 Electrical machinery	h/	...	...	...	...	h/	...	...	...	...		...	...
384 Transport equipment	h/	...	...	...	...	h/	...	...	...	...		...	...
385 Professional and scientific equipment	h/	...	...	...	...	h/	...	...	...	...		...	...
390 Other manufacturing industries		1105	1237	1422	2143		152	175	221	735		...	...
3 Total manufacturing		199480	239091	276970	357118		45164	50909	49448	73529		...	...

a/ 311/2 includes 313 and 314.  
b/ 321 includes 322, 323 and 324.  
c/ 331 includes 332.  
d/ 341 includes 342.  
e/ 351 includes 352, 353, 354, 355 and 356.  
f/ 361 includes 362 and 369.  
g/ 371 includes 372.  
h/ 381 includes 382, 383 and 384.

Syrian Arab Republic

ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
311/2 Food products	a/	...	...	...	100	108	108	104	105	110	116	120	110
313 Beverages	a/	...	...	...	100	116	118	103	117	151	133	159	163
314 Tobacco		...	...	...	100	116	118	103	117	151	133	159	163
321 Textiles	b/	118	92	102	100	93	107	95	101	106	108	122	125
322 Wearing apparel, except footwear		...	...	...	100	99	96	105	94	94	86	86	79
323 Leather and fur products	b/	...	...	...	100	91	83	82	86	58	55	54	59
324 Footwear, except rubber or plastic		...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	...	...	100	40	35	63	81	125	103	73	96
332 Furniture and fixtures, excl. metal	c/	...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		281	106	119	100	114	121	156	185	205	181	164	144
342 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals	d/	...	...	...	100	95	112	144	193	164	215	230	269
352 Other chemicals	d/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	e/	...	...	...	100	100	97	103	106	104	92	107	108
354 Misc. petroleum and coal products	e/	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	f/	...	...	...	100	101	99	106	97	105	97	113	104
356 Plastic products	f/	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	g/	...	...	...	100	104	113	127	135	147	140	143	141
362 Glass and products	g/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	g/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		47	28	38	100	98	109	108	75	73	107	119	116
381 Fabricated metal products		55	51	71	100	124	179	193	262	344	306	286	217
382 Non-electrical machinery		...	...	...	100	133	154	177	261	233	249	212	242
383 Electrical machinery		...	...	...	100	110	122	142	291	303	407	426	506
384 Transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	c/	...	...	...	100	108	124	126	153	161	107	100	107
3 Total manufacturing		...	...	...	100	105	114	115	130	142	139	144	140

- a/ 311/2 includes 313.
- b/ 321 includes 323.
- c/ 390 includes 332.
- d/ 351 includes 352.
- e/ 353 includes 354.
- f/ 355 includes 356.
- g/ 361 includes 362 and 369.

**TAJKISTAN**

<p><b>Supplier of information:</b> State Statistical Agency, Dushanbe.</p> <p><b>Basic source of data:</b> Not reported.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Not reported.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b></p>
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## Tajikistan

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million T.ROUBLES)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		132	100	107	89		9256	6024	7574	7364		...	...	...	...
1511 Processing/preserving of meat		27	21	25	16		1388	762	494	350		...	...	...	...
1512 Processing/preserving of fish		5	5	5	5		319	285	202	192		...	...	...	...
1513 Processing/preserving of fruit & vegetables		33	16	31	29		4332	3049	4020	3835		...	...	...	...
1514 Vegetable and animal oils and fats		67	58	46	39		3217	1928	2858	2987		...	...	...	...
1520 Dairy products		13	23	12	14		912	690	544	532		...	...	...	...
153 Grain mill products; starches; animal feeds		...	...	...	...		...	...	...	...		...	...	...	...
1531 Grain mill products		192	269	228	184		3343	2733	1586	1511		...	...	...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...	...	...
1533 Prepared animal feeds		10	1	1	1		89	25	19	14		...	...	...	...
154 Other food products		...	...	...	...		...	...	...	...		...	...	...	...
1541 Bakery products		43	42	43	44		6940	5439	2253	1489		...	...	...	...
1542 Sugar		...	...	...	...		...	...	...	...		...	...	...	...
1543 Cocoa, chocolate and sugar confectionery		6	4	7	6		790	376	315	157		...	...	...	...
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...	...	...
1549 Other food products n.e.c.		2	3	3	3		437	484	622	492		...	...	...	...
155 Beverages		...	...	...	...		...	...	...	...		...	...	...	...
1551 Distilling, rectifying & blending of spirits		1	...	1	1		137	...	186	183		...	...	...	...
1552 Wines		8	17	24	14		725	839	736	570		...	...	...	...
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...	...	...
1554 Soft drinks; mineral waters		4	5	6	9		436	397	330	421		...	...	...	...
1600 Tobacco products		3	3	3	4		531	404	270	387		...	...	...	...
171 Spinning, weaving and finishing of textiles		...	...	...	...		...	...	...	...		...	...	...	...
1711 Textile fibre preparation; textile weaving		47	50	53	58		28227	22413	23147	20851		...	...	...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...	...	...
172 Other textiles		...	...	...	...		...	...	...	...		...	...	...	...
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...	...	...	...
1722 Carpets and rugs		5	4	5	7		4679	2046	2183	1609		...	...	...	...
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...	...	...
1729 Other textiles n.e.c.		1	1	1	1		450	330	94	63		...	...	...	...
1730 Knitted and crocheted fabrics and articles		8	7	8	7		5815	4028	908	712		...	...	...	...
1810 Wearing apparel, except fur apparel		42	18	29	42		8825	4511	4405	5279		...	...	...	...
1820 Dressing & dyeing of fur; processing of fur		1	1	1	2		74	50	53	108		...	...	...	...
191 Tanning, dressing and processing of leather		...	...	...	...		...	...	...	...		...	...	...	...
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...		...	...	...	...
1912 Luggage, handbags, etc.; saddlery & harness		1	1	1	-		76	68	48	-		...	...	...	...
1920 Footwear		8	5	5	7		3578	1101	625	733		...	...	...	...
2010 Sawmilling and planing of wood		19	13	32	43		40	13	82	77		...	...	...	...
202 Products of wood, cork, straw, etc.		...	...	...	...		...	...	...	...		...	...	...	...
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...		...	...	...	...		...	...	...	...
2022 Builders' carpentry and joinery		41	5	15	15		730	225	167	201		...	...	...	...
2023 Wooden containers		8	4	7	5		295	175	126	57		...	...	...	...
2029 Other wood products; articles of cork/straw		-	-	-	-		-	-	-	-		...	...	...	...
210 Paper and paper products		...	...	...	...		...	...	...	...		...	...	...	...
2101 Pulp, paper and paperboard		1	1	1	1		63	52	47	47		...	...	...	...
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
221 Publishing		...	...	...	...		...	...	...	...		...	...	...	...
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...	...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...	...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...	...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...	...	...

222	Printing and related service activities	...	...	...	...	...	...	...	...	...	...	...	...
2221	Printing	34	32	38	38	1559	1081	1181	1105	...	...	...	...
2222	Service activities related to printing	...	...	...	...	...	...	...	...	...	...	...	...
2230	Reproduction of recorded media	...	...	...	...	...	...	...	...	...	...	...	...
2310	Coke oven products	...	...	...	...	...	...	...	...	...	...	...	...
2320	Refined petroleum products	...	...	...	...	...	...	...	...	...	...	...	...
2330	Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
241	Basic chemicals	...	...	...	...	...	...	...	...	...	...	...	...
2411	Basic chemicals, except fertilizers	4	3	4	3	5594	4097	3004	3038	...	...	...	...
2412	Fertilizers and nitrogen compounds	1	1	1	1	745	787	776	843	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...	...	...	...
242	Other chemicals	...	...	...	...	...	...	...	...	...	...	...	...
2421	Pesticides and other agro-chemical products	...	...	...	...	...	...	...	...	...	...	...	...
2422	Paints, varnishes, printing ink and mastics	2	2	2	2	530	268	302	206	...	...	...	...
2423	Pharmaceuticals, medicinal chemicals, etc.	...	...	...	...	...	...	...	...	...	...	...	...
2424	Soap, cleaning & cosmetic preparations	2	-	2	4	42	-	25	37	...	...	...	...
2429	Other chemical products n.e.c.	1	1	-	-	...	...	...	...	...	...	...	...
2430	Man-made fibres	...	...	...	...	...	...	...	...	...	...	...	...
251	Rubber products	...	...	...	...	...	...	...	...	...	...	...	...
2511	Rubber tyres and tubes	1	1	1	1	124	105	76	98	...	...	...	...
2519	Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
2520	Plastic products	1	1	1	1	127	124	108	93	...	...	...	...
2610	Glass and glass products	2	2	2	2	1634	1358	873	681	...	...	...	...
269	Non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
2691	Pottery, china and earthenware	...	...	...	...	...	...	...	...	...	...	...	...
2692	Refractory ceramic products	...	...	...	...	...	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...	...	...	...	...
2694	Cement, lime and plaster	5	5	5	5	968	931	842	912	...	...	...	...
2695	Articles of concrete, cement and plaster	115	63	71	66	7487	4307	3074	2867	...	...	...	...
2696	Cutting, shaping & finishing of stone	29	20	27	31	361	584	406	405	...	...	...	...
2699	Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
2710	Basic iron and steel	...	...	...	...	...	...	...	...	...	...	...	...
2720	Basic precious and non-ferrous metals	5	5	6	7	15852	14411	17864	15318	...	...	...	...
273	Casting of metals	...	...	...	...	...	...	...	...	...	...	...	...
2731	Casting of iron and steel	...	...	...	...	...	...	...	...	...	...	...	...
2732	Casting of non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
281	Struct.metall products;tanks;steam generators	...	...	...	...	...	...	...	...	...	...	...	...
2811	Structural metal products	13	9	17	13	170	55	102	185	...	...	...	...
2812	Tanks, reservoirs and containers of metal	...	...	...	...	...	...	...	...	...	...	...	...
2813	Steam generators	...	...	...	...	...	...	...	...	...	...	...	...
289	Other metal products; metal working services	...	...	...	...	...	...	...	...	...	...	...	...
2891	Metal forging/pressing/stamping/roll-forming	...	...	...	...	...	...	...	...	...	...	...	...
2892	Treatment & coating of metals	...	...	...	...	...	...	...	...	...	...	...	...
2893	Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...	...	...
2899	Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
291	General purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
2911	Engines & turbines(not for transport equip.)	...	...	...	...	...	...	...	...	...	...	...	...
2912	Pumps, compressors, taps and valves	...	...	...	...	...	...	...	...	...	...	...	...
2913	Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...	...	...	...	...
2914	Ovens, furnaces and furnace burners	...	...	...	...	...	...	...	...	...	...	...	...
2915	Lifting and handling equipment	...	...	...	...	...	...	...	...	...	...	...	...
2919	Other general purpose machinery	3	4	4	3	1038	769	549	531	...	...	...	...
292	Special purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
2921	Agricultural and forestry machinery	4	4	4	3	2307	1516	1127	544	...	...	...	...
2922	Machine tools	2	2	2	2	499	313	284	283	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	2	2	2	2	2146	1721	1391	1282	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	1	2	-	-	683	781	-	-	...	...	...	...

continued

## Tajikistan

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million T.ROUBLES)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
3000 Office, accounting and computing machinery		...	...	...	...		...	...	...	...		...	...	...	...
3110 Electric motors, generators and transformers		3	-	4	4		1517	-	920	525		...	...	...	...
3120 Electricity distribution & control apparatus		...	...	...	...		...	...	...	...		...	...	...	...
3130 Insulated wire and cable		2	1	1	1		348	...	163	148		...	...	...	...
3140 Accumulators, primary cells and batteries		...	...	...	...		...	...	...	...		...	...	...	...
3150 Lighting equipment and electric lamps		...	...	...	...		...	...	...	...		...	...	...	...
3190 Other electrical equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3210 Electronic valves, tubes, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3220 TV/radio transmitters; line comm. apparatus		...	...	...	...		...	...	...	...		...	...	...	...
3230 TV and radio receivers and associated goods		...	...	...	...		...	...	...	...		...	...	...	...
331 Medical, measuring, testing appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3311 Medical, surgical and orthopaedic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3313 Industrial process control equipment		...	...	...	...		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3330 Watches and clocks		...	...	...	...		...	...	...	...		...	...	...	...
3410 Motor vehicles		...	...	...	...		...	...	...	...		...	...	...	...
3420 Automobile bodies, trailers & semi-trailers		...	...	...	...		...	...	...	...		...	...	...	...
3430 Parts/accessories for automobiles		3	3	3	3		1939	1769	1492	1361		...	...	...	...
351 Building and repairing of ships and boats		...	...	...	...		...	...	...	...		...	...	...	...
3511 Building and repairing of ships		...	...	...	...		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		...	...	...	...		...	...	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		...	...	...	...		...	...	...	...		...	...	...	...
3530 Aircraft and spacecraft		...	...	...	...		...	...	...	...		...	...	...	...
359 Transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3591 Motorcycles		...	...	...	...		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		...	...	...	...		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3610 Furniture		10	6	5	6		946	769	559	306		...	...	...	...
369 Manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3691 Jewellery and related articles		2	2	1	2		1551	1131	104	123		...	...	...	...
3692 Musical instruments		...	...	...	...		...	...	...	...		...	...	...	...
3693 Sports goods		...	...	...	...		...	...	...	...		...	...	...	...
3694 Games and toys		...	...	...	...		...	...	...	...		...	...	...	...
3699 Other manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3710 Recycling of metal waste and scrap		1	1	...	-		78	61	...	-		...	...	...	...
3720 Recycling of non-metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
D Total manufacturing		1125	1261	1577	1143		142130	108197	98575	86059		...	...	...	...

## Tajikistan

ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	Note	(million T.ROUBLES)				Note	(million T.ROUBLES)				Note	(million T.ROUBLES)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
151 Processed meat, fish, fruit, vegetables, fats		2040.0	4765.0	20874.6	10362.3		...	...	...	...		4595.0	7721.7
1511 Processing/preserving of meat		407.0	483.0	581.7	420.4		...	...	...	...		927.8	1247.2
1512 Processing/preserving of fish		19.0	27.0	56.9	111.2		...	...	...	...		309.1	485.9
1513 Processing/preserving of fruit & vegetables		828.0	2339.0	3523.9	3559.9		...	...	...	...		1946.5	2833.4
1514 Vegetable and animal oils and fats		786.0	1916.0	16712.1	6270.8		...	...	...	...		1411.6	3155.2
1520 Dairy products		298.0	385.0	496.6	490.2		...	...	...	...		638.6	1209.6
153 Grain mill products; starches; animal feeds		...	...	...	...		...	...	...	...		...	...
1531 Grain mill products		6373.0	23526.0	41792.8	84676.0		...	...	...	...		2495.8	3349.7
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...
1533 Prepared animal feeds		39.0	58.0	26.2	19.3		...	...	...	...		118.4	183.7
154 Other food products		...	...	...	...		...	...	...	...		...	...
1541 Bakery products		2516.0	16908.0	29034.2	87004.5		...	...	...	...		1544.0	3355.9
1542 Sugar		...	...	...	...		...	...	...	...		...	...
1543 Cocoa, chocolate and sugar confectionery		127.0	109.0	283.6	170.1		...	...	...	...		427.2	1621.6
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...
1549 Other food products n.e.c.		79.0	363.0	411.0	413.6		...	...	...	...		79.2	95.9
155 Beverages		...	...	...	...		...	...	...	...		...	...
1551 Distilling, rectifying & blending of spirits		167.0	...	970.2	2450.4		...	...	...	...		103.6	160.0
1552 wines		130.0	309.0	793.7	1337.5		...	...	...	...		778.1	955.0
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...
1554 Soft drinks; mineral waters		35.0	129.0	355.9	1561.7		...	...	...	...		559.5	3055.8
1600 Tobacco products		364.0	1104.0	407.6	605.2		...	...	...	...		355.2	1753.7
171 Spinning, weaving and finishing of textiles		...	...	...	...		...	...	...	...		...	...
1711 Textile fibre preparation; textile weaving		14758.0	35023.0	64236.1	87351.6		...	...	...	...		12805.5	24001.3
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...
172 Other textiles		...	...	...	...		...	...	...	...		...	...
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...	...
1722 Carpets and rugs		359.0	986.0	3532.3	5760.5		...	...	...	...		2194.6	2895.3
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...
1729 Other textiles n.e.c.		21.0	28.0	24.5	65.3		...	...	...	...		36.7	104.5
1730 Knitted and crocheted fabrics and articles		250.0	576.0	293.1	492.2		...	...	...	...		1308.1	1703.0
1810 Wearing apparel, except fur apparel		462.0	998.0	1454.5	2945.9		...	...	...	...		947.4	3189.6
1820 Dressing & dyeing of fur; processing of fur		1.4	2.1	3.5	100.3		...	...	...	...		161.8	459.5
191 Tanning, dressing and processing of leather		...	...	...	...		...	...	...	...		...	...
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...		...	...
1912 Luggage, handbags, etc.; saddlery & harness		6.4	2.6	6.3	-		...	...	...	...		17.6	-
1920 Footwear		146.0	228.0	352.5	507.7		...	...	...	...		762.8	2147.6
2010 Sawmilling and planing of wood		47.0	0.2	6.3	6.6		...	...	...	...		5.5	23.6
202 Products of wood, cork, straw, etc.		...	...	...	...		...	...	...	...		...	...
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...		...	...	...	...		...	...
2022 Builders' carpentry and joinery		61.0	10.0	37.8	71.5		...	...	...	...		279.7	605.3
2023 Wooden containers		10.0	20.0	28.4	12.6		...	...	...	...		92.9	42.1
2029 Other wood products; articles of cork/straw		-	-	-	-		...	...	...	...		-	-
210 Paper and paper products		...	...	...	...		...	...	...	...		...	...
2101 Pulp, paper and paperboard		13.0	29.0	25.3	20.3		...	...	...	...		51.5	165.0
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...
221 Publishing		...	...	...	...		...	...	...	...		...	...
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...

continued



## Tajikistan

ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	Note	(million T.ROUBLES)				Note	(million T.ROUBLES)				(million T.ROUBLES)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
222 Printing and related service activities		...	...	...	...		...	...	...	...		...	...
2221 Printing		59.0	202.0	422.6	594.6		...	...	...	...		1318.0	4071.6
2222 Service activities related to printing		...	...	...	...		...	...	...	...		...	...
2230 Reproduction of recorded media		...	...	...	...		...	...	...	...		...	...
2310 Coke oven products		...	...	...	...		...	...	...	...		...	...
2320 Refined petroleum products		...	...	...	...		...	...	...	...		...	...
2330 Processing of nuclear fuel		...	...	...	...		...	...	...	...		...	...
241 Basic chemicals		...	...	...	...		...	...	...	...		...	...
2411 Basic chemicals, except fertilizers		3321.0	7586.0	10386.8	7206.7		...	...	...	...		4760.2	7989.6
2412 Fertilizers and nitrogen compounds		790.0	1547.0	2025.7	3322.8		...	...	...	...		471.8	516.4
2413 Plastics in primary forms; synthetic rubber		...	...	...	...		...	...	...	...		...	...
242 Other chemicals		...	...	...	...		...	...	...	...		...	...
2421 Pesticides and other agro-chemical products		...	...	...	...		...	...	...	...		...	...
2422 Paints, varnishes, printing ink and mastics		139.0	213.0	232.1	244.7		...	...	...	...		103.6	223.9
2423 Pharmaceuticals, medicinal chemicals, etc.		...	...	...	...		...	...	...	...		...	...
2424 Soap, cleaning & cosmetic preparations		8.9	...	16.5	2.6		...	...	...	...		495.5	777.9
2429 Other chemical products n.e.c.		...	...	...	...		...	...	...	...		...	...
2430 Man-made fibres		...	...	...	...		...	...	...	...		...	...
251 Rubber products		...	...	...	...		...	...	...	...		...	...
2511 Rubber tyres and tubes		33.0	56.0	74.1	82.3		...	...	...	...		20.0	...
2519 Other rubber products		...	...	...	...		...	...	...	...		...	...
2520 Plastic products		11.0	29.0	31.3	36.2		...	...	...	...		159.2	64.3
2610 Glass and glass products		228.0	599.0	812.1	1109.8		...	...	...	...		906.9	502.8
269 Non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...		...	...
2691 Pottery, china and earthenware		...	...	...	...		...	...	...	...		...	...
2692 Refractory ceramic products		...	...	...	...		...	...	...	...		...	...
2693 Struct.non-refractory clay; ceramic products		...	...	...	...		...	...	...	...		...	...
2694 Cement, lime and plaster		358.0	742.0	1614.1	1126.4		...	...	...	...		398.3	1830.0
2695 Articles of concrete, cement and plaster		1741.0	1780.0	2039.4	3787.1		...	...	...	...		3886.2	7544.0
2696 Cutting, shaping & finishing of stone		84.0	130.0	183.8	302.4		...	...	...	...		310.6	7970.0
2699 Other non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...		...	...
2710 Basic iron and steel		...	...	...	...		...	...	...	...		...	...
2720 Basic precious and non-ferrous metals		32427.0	80333.0	161894.6	203308.0		...	...	...	...		47251.9	71517.0
273 Casting of metals		...	...	...	...		...	...	...	...		...	...
2731 Casting of iron and steel		...	...	...	...		...	...	...	...		...	...
2732 Casting of non-ferrous metals		...	...	...	...		...	...	...	...		...	...
281 Struct.metal products;tanks;steam generators		...	...	...	...		...	...	...	...		...	...
2811 Structural metal products		215.0	44.0	49.1	259.5		...	...	...	...		97.9	436.7
2812 Tanks, reservoirs and containers of metal		...	...	...	...		...	...	...	...		...	...
2813 Steam generators		...	...	...	...		...	...	...	...		...	...
289 Other metal products; metal working services		...	...	...	...		...	...	...	...		...	...
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	...		...	...	...	...		...	...
2892 Treatment & coating of metals		...	...	...	...		...	...	...	...		...	...
2893 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...		...	...
2899 Other fabricated metal products n.e.c.		...	...	...	...		...	...	...	...		...	...
291 General purpose machinery		...	...	...	...		...	...	...	...		...	...
2911 Engines & turbines(not for transport equip.)		...	...	...	...		...	...	...	...		...	...
2912 Pumps, compressors, taps and valves		...	...	...	...		...	...	...	...		...	...
2913 Bearings, gears, gearing & driving elements		...	...	...	...		...	...	...	...		...	...
2914 Ovens, furnaces and furnace burners		...	...	...	...		...	...	...	...		...	...
2915 Lifting and handling equipment		...	...	...	...		...	...	...	...		...	...
2919 Other general purpose machinery		139.0	267.0	365.9	451.9		...	...	...	...		559.9	1093.1

292	Special purpose machinery	...	...	...	...	...	...	...	...	...	...
2921	Agricultural and forestry machinery	149.0	406.0	551.2	313.9	...	...	...	...	1568.9	2708.8
2922	Machine tools	28.0	45.0	58.8	106.8	...	...	...	...	163.1	428.7
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	186.0	574.0	660.6	756.4	...	...	...	...	1020.3	3347.5
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	9.0	113.0	...	...	...	...	...	...	...	...
3000	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...
3110	Electric motors, generators and transformers	116.0	-	328.7	287.4	...	...	...	...	483.4	1069.4
3120	Electricity distribution & control apparatus	...	...	...	...	...	...	...	...	...	...
3130	Insulated wire and cable	686.0	...	928.7	804.1	...	...	...	...	274.5	273.2
3140	Accumulators, primary cells and batteries	...	...	...	...	...	...	...	...	...	...
3150	Lighting equipment and electric lamps	...	...	...	...	...	...	...	...	...	...
3190	Other electrical equipment n.e.c.	...	...	...	...	...	...	...	...	...	...
3210	Electronic valves, tubes, etc.	...	...	...	...	...	...	...	...	...	...
3220	TV/radio transmitters; line comm. apparatus	...	...	...	...	...	...	...	...	...	...
3230	TV and radio receivers and associated goods	...	...	...	...	...	...	...	...	...	...
331	Medical, measuring, testing appliances, etc.	...	...	...	...	...	...	...	...	...	...
3311	Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...	...
3312	Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...	...
3313	Industrial process control equipment	...	...	...	...	...	...	...	...	...	...
3320	Optical instruments & photographic equipment	...	...	...	...	...	...	...	...	...	...
3330	watches and clocks	...	...	...	...	...	...	...	...	...	...
3410	Motor vehicles	...	...	...	...	...	...	...	...	...	...
3420	Automobile bodies, trailers & semi-trailers	...	...	...	...	...	...	...	...	...	...
3430	Parts/accessories for automobiles	267.0	681.0	863.3	1101.5	...	...	...	...	785.7	1018.7
351	Building and repairing of ships and boats	...	...	...	...	...	...	...	...	...	...
3511	Building and repairing of ships	...	...	...	...	...	...	...	...	...	...
3512	Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...	...
3520	Railway/tramway locomotives & rolling stock	...	...	...	...	...	...	...	...	...	...
3530	Aircraft and spacecraft	...	...	...	...	...	...	...	...	...	...
359	Transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...
3591	Motorcycles	...	...	...	...	...	...	...	...	...	...
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...
3610	Furniture	56.0	106.0	114.0	161.4	...	...	...	...	383.9	1178.8
369	Manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...
3691	Jewellery and related articles	21.0	3552.0	25.2	16.7	...	...	...	...	70.0	258.0
3692	Musical instruments	...	...	...	...	...	...	...	...	...	...
3693	Sports goods	...	...	...	...	...	...	...	...	...	...
3694	Games and toys	...	...	...	...	...	...	...	...	...	...
3699	Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...
3710	Recycling of metal waste and scrap	5.1	0.3	...	-	...	...	...	...	...	...
3720	Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	71618.0	193297.0	349124.6	338973.4	...	...	...	...	95848.5	194992.6

## Tajikistan

ISIC Revision 3	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry													
15 Food and beverages		...	...	...	...	...	...	...	...	...	...	...	...
16 Tobacco products		...	...	...	...	...	...	...	...	...	...	...	...
17 Textiles		...	...	...	...	...	...	...	...	...	...	...	...
18 Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...	...
19 Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...	...
21 Paper and paper products		...	...	...	...	...	...	...	...	...	...	...	...
22 Printing and publishing		...	...	...	...	...	...	...	...	...	...	...	...
23 Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24 Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...	...
25 Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26 Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
27 Basic metals		...	...	...	...	...	...	...	...	...	...	...	...
28 Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
29 Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
30 Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...	...
32 Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...	...
35 Other transport equipment		...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37 Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		...	...	...	100	96	73	66	49	41	30	29	...

## THAILAND

**Supplier of information:**

National Statistical Office, Bangkok.

**Basic source of data:**

Industrial Census.

**Major deviations from ISIC (Revision 3):**

None reported.

**Reference period (if not calendar year):****Scope:**

Registered establishments with 10 or more persons engaged.

**Method of enumeration:**

The inquiry was carried out through field interviews by enumerators.

**Adjusted for non-response:**

No.

**Concepts and definitions of variables:**

Wages and salaries includes employer's contribution paid to social security schemes in respect of the employees.

Output is gross output.

Gross fixed capital formation refers to gross addition to fixed assets.

**Related national publications:**

Report of the 1997 Industrial Census, Whole Kingdom, published by the National Statistical Office, Bangkok.

Thailand

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million BAHT)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats	...	1045	...	...	...	207.5	...	...	...	...	13886	...	...		
1511 Processing/preserving of meat	...	164	...	...	...	30.3	...	...	...	...	2143	...	...		
1512 Processing/preserving of fish	...	430	...	...	...	114.0	...	...	...	...	7916	...	...		
1513 Processing/preserving of fruit & vegetables	...	373	...	...	...	52.0	...	...	...	...	2907	...	...		
1514 Vegetable and animal oils and fats	...	78	...	...	...	11.1	...	...	...	...	919	...	...		
1520 Dairy products	...	154	...	...	...	15.4	...	...	...	...	1149	...	...		
153 Grain mill products; starches; animal feeds	...	1022	...	...	...	45.1	...	...	...	...	3564	...	...		
1531 Grain mill products	...	807	...	...	...	26.7	...	...	...	...	1901	...	...		
1532 Starches and starch products	...	46	...	...	...	3.8	...	...	...	...	261	...	...		
1533 Prepared animal feeds	...	169	...	...	...	14.6	...	...	...	...	1401	...	...		
154 Other food products	...	1073	...	...	...	81.1	...	...	...	...	6945	...	...		
1541 Bakery products	...	244	...	...	...	16.0	...	...	...	...	1185	...	...		
1542 Sugar	...	54	...	...	...	28.1	...	...	...	...	2807	...	...		
1543 Cocoa, chocolate and sugar confectionery	...	48	...	...	...	4.1	...	...	...	...	314	...	...		
1544 Macaroni, noodles & similar products	...	142	...	...	...	9.2	...	...	...	...	584	...	...		
1549 Other food products n.e.c.	...	585	...	...	...	23.6	...	...	...	...	2054	...	...		
155 Beverages	...	254	...	...	...	50.2	...	...	...	...	8191	...	...		
1551 Distilling, rectifying & blending of spirits	...	19	...	...	...	6.6	...	...	...	...	1158	...	...		
1552 Wines	...	4	...	...	...	1.1	...	...	...	...	162	...	...		
1553 Malt liquors and malt	...	6	...	...	...	3.4	...	...	...	...	1702	...	...		
1554 Soft drinks; mineral waters	...	225	...	...	...	39.1	...	...	...	...	5170	...	...		
1600 Tobacco products	...	238	...	...	...	17.2	...	...	...	...	2938	...	...		
171 Spinning, weaving and finishing of textiles	...	996	...	...	...	165.8	...	...	...	...	13423	...	...		
1711 Textile fibre preparation; textile weaving	...	748	...	...	...	141.6	...	...	...	...	11423	...	...		
1712 Finishing of textiles	...	248	...	...	...	24.2	...	...	...	...	2000	...	...		
172 Other textiles	...	405	...	...	...	47.0	...	...	...	...	3461	...	...		
1721 Made-up textile articles, except apparel	...	204	...	...	...	14.6	...	...	...	...	1177	...	...		
1722 Carpets and rugs	...	29	...	...	...	3.9	...	...	...	...	371	...	...		
1723 Cordage, rope, twine and netting	...	45	...	...	...	17.5	...	...	...	...	830	...	...		
1729 Other textiles n.e.c.	...	127	...	...	...	11.0	...	...	...	...	1083	...	...		
1730 Knitted and crocheted fabrics and articles	...	119	...	...	...	12.1	...	...	...	...	887	...	...		
1810 Wearing apparel, except fur apparel	...	1861	...	...	...	173.7	...	...	...	...	13422	...	...		
1820 Dressing & dyeing of fur; processing of fur	...	16	...	...	...	1.4	...	...	...	...	112	...	...		
191 Tanning, dressing and processing of leather	...	319	...	...	...	26.8	...	...	...	...	2201	...	...		
1911 Tanning and dressing of leather	...	82	...	...	...	8.7	...	...	...	...	754	...	...		
1912 Luggage, handbags, etc.; saddlery & harness	...	237	...	...	...	18.1	...	...	...	...	1446	...	...		
1920 Footwear	...	513	...	...	...	62.1	...	...	...	...	4236	...	...		
2010 Sawmilling and planing of wood	...	354	...	...	...	22.6	...	...	...	...	1352	...	...		
202 Products of wood, cork, straw, etc.	...	591	...	...	...	36.0	...	...	...	...	2651	...	...		
2021 Veneer sheets, plywood, particle board, etc.	...	78	...	...	...	10.7	...	...	...	...	978	...	...		
2022 Builders' carpentry and joinery	...	227	...	...	...	8.4	...	...	...	...	578	...	...		
2023 Wooden containers	...	63	...	...	...	2.2	...	...	...	...	138	...	...		
2029 Other wood products; articles of cork/straw	...	223	...	...	...	14.6	...	...	...	...	957	...	...		
210 Paper and paper products	...	559	...	...	...	43.2	...	...	...	...	6792	...	...		
2101 Pulp, paper and paperboard	...	107	...	...	...	14.5	...	...	...	...	3329	...	...		
2102 Corrugated paper and paperboard	...	315	...	...	...	20.1	...	...	...	...	2388	...	...		
2109 Other articles of paper and paperboard	...	137	...	...	...	8.7	...	...	...	...	1076	...	...		
221 Publishing	...	199	...	...	...	16.8	...	...	...	...	...	...	...		
2211 Publishing of books and other publications	...	94	...	...	...	3.7	...	...	...	...	305	...	...		
2212 Publishing of newspapers, journals, etc.	...	74	...	...	...	10.9	...	...	...	...	2169	...	...		
2213 Publishing of recorded media	...	1	...	...	...	-	...	...	...	...	...	...	...		
2219 Other publishing	...	30	...	...	...	2.2	...	...	...	...	324	...	...		

222	Printing and related service activities	704	29.5	3760
2221	Printing	636	26.5	3427
2222	Service activities related to printing	68	3.0	333
2230	Reproduction of recorded media	12	1.3	112
2310	Coke oven products	3	0.6	80
2320	Refined petroleum products	38	6.8	2318
2330	Processing of nuclear fuel	1	-	-
241	Basic chemicals	329	27.5	5096
2411	Basic chemicals, except fertilizers	157	14.8	2791
2412	Fertilizers and nitrogen compounds	54	2.2	213
2413	Plastics in primary forms; synthetic rubber	118	10.5	2093
242	Other chemicals	588	61.6	8253
2421	Pesticides and other agro-chemical products	34	2.3	568
2422	Paints, varnishes, printing ink and mastics	130	10.3	1537
2423	Pharmaceuticals, medicinal chemicals, etc.	178	22.6	2932
2424	Soap, cleaning & cosmetic preparations	130	17.1	2062
2429	Other chemical products n.e.c.	116	9.1	1154
2430	Man-made fibres	19	4.2	837
251	Rubber products	540	79.2	6058
2511	Rubber tyres and tubes	94	21.2	2070
2519	Other rubber products	446	58.0	3988
2520	Plastic products	1272	113.0	9825
2610	Glass and glass products	82	16.2	2206
269	Non-metallic mineral products n.e.c.	2427	137.8	12741
2691	Pottery, china and earthenware	301	29.0	2379
2692	Refractory ceramic products	76	5.0	441
2693	Struct.non-refractory clay; ceramic products	531	11.2	595
2694	Cement, lime and plaster	66	12.4	1824
2695	Articles of concrete, cement and plaster	1259	67.9	6576
2696	Cutting, shaping & finishing of stone	94	6.1	399
2699	Other non-metallic mineral products n.e.c.	100	6.3	527
2710	Basic iron and steel	181	23.4	2577
2720	Basic precious and non-ferrous metals	87	5.8	509
273	Casting of metals	207	14.0	1993
2731	Casting of iron and steel	83	7.5	1348
2732	Casting of non-ferrous metals	124	6.5	645
281	Struct.metall products;tanks;steam generators	690	46.0	5062
2811	Structural metal products	578	30.6	3311
2812	Tanks, reservoirs and containers of metal	104	14.9	1698
2813	Steam generators	8	0.5	53
289	Other metal products; metal working services	1571	83.3	7591
2891	Metal forging/pressing/stamping/roll-forming	586	17.6	1747
2892	Treatment & coating of metals	203	8.4	858
2893	Cutlery, hand tools and general hardware	110	6.8	572
2899	Other fabricated metal products n.e.c.	672	50.4	4415
291	General purpose machinery	389	43.2	5485
2911	Engines & turbines(not for transport equip.)	7	0.7	66
2912	Pumps, compressors, taps and valves	57	5.3	510
2913	Bearings, gears, gearing & driving elements	27	8.1	1281
2914	Ovens, furnaces and furnace burners	10	0.3	22
2915	Lifting and handling equipment	50	4.2	622
2919	Other general purpose machinery	238	24.7	2985
292	Special purpose machinery	465	39.7	-
2921	Agricultural and forestry machinery	127	7.3	426
2922	Machine tools	52	3.2	322
2923	Machinery for metallurgy	4	0.2	12
2924	Machinery for mining & construction	43	2.1	207
2925	Food/beverage/tobacco processing machinery	29	0.7	63
2926	Machinery for textile, apparel and leather	29	5.4	473
2927	Weapons and ammunition	1	0.1	-
2929	Other special purpose machinery	180	20.7	3293
2930	Domestic appliances n.e.c.	128	30.4	3376

continued

Thailand

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees							
	ISIC Industry	Note	(numbers)				Note	(thousands)				Note	(million BAHT)			
			1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		...	58	...	...		...	78.7	...	...		...	9162	...	...	
3110 Electric motors, generators and transformers		...	72	...	...		...	12.1	...	...		...	1534	...	...	
3120 Electricity distribution & control apparatus		...	128	...	...		...	24.0	...	...		...	2998	...	...	
3130 Insulated wire and cable		...	25	...	...		...	9.8	...	...		...	616	...	...	
3140 Accumulators, primary cells and batteries		...	14	...	...		...	2.5	...	...		...	223	...	...	
3150 Lighting equipment and electric lamps		...	77	...	...		...	8.1	...	...		...	650	...	...	
3190 Other electrical equipment n.e.c.		...	127	...	...		...	28.4	...	...		...	3604	...	...	
3210 Electronic valves, tubes, etc.		...	132	...	...		...	69.5	...	...		...	8344	...	...	
3220 TV/radio transmitters; line comm. apparatus		...	35	...	...		...	11.0	...	...		...	1500	...	...	
3230 TV and radio receivers and associated goods		...	91	...	...		...	32.9	...	...		...	3424	...	...	
331 Medical, measuring, testing appliances, etc.		...	76	...	...		...	7.2	...	...		...	...	...	...	
3311 Medical, surgical and orthopaedic equipment		...	62	...	...		...	6.3	...	...		...	734	...	...	
3312 Measuring/testing/navigating appliances, etc.		...	13	...	...		...	0.9	...	...		...	111	...	...	
3313 Industrial process control equipment		...	1	...	...		...	-	...	...		...	...	...	...	
3320 Optical instruments & photographic equipment		...	30	...	...		...	8.3	...	...		...	736	...	...	
3330 Watches and clocks		...	26	...	...		...	9.5	...	...		...	999	...	...	
3410 Motor vehicles		...	107	...	...		...	35.8	...	...		...	4659	...	...	
3420 Automobile bodies, trailers & semi-trailers		...	611	...	...		...	23.5	...	...		...	2537	...	...	
3430 Parts/accessories for automobiles		...	377	...	...		...	47.9	...	...		...	5784	...	...	
351 Building and repairing of ships and boats		...	70	...	...		...	3.6	...	...		...	379	...	...	
3511 Building and repairing of ships		...	63	...	...		...	3.3	...	...		...	350	...	...	
3512 Building/repairing of pleasure/sport. boats		...	7	...	...		...	0.3	...	...		...	28	...	...	
3520 Railway/tramway locomotives & rolling stock		...	2	...	...		...	0.2	...	...		...	...	...	...	
3530 Aircraft and spacecraft		...	2	...	...		...	0.4	...	...		...	...	...	...	
359 Transport equipment n.e.c.		...	142	...	...		...	18.1	...	...		...	1716	...	...	
3591 Motorcycles		...	100	...	...		...	15.0	...	...		...	1493	...	...	
3592 Bicycles and invalid carriages		...	32	...	...		...	2.6	...	...		...	191	...	...	
3599 Other transport equipment n.e.c.		...	10	...	...		...	0.5	...	...		...	32	...	...	
3610 Furniture		...	988	...	...		...	86.6	...	...		...	5795	...	...	
369 Manufacturing n.e.c.		...	1011	...	...		...	107.0	...	...		...	10257	...	...	
3691 Jewellery and related articles		...	380	...	...		...	30.9	...	...		...	3010	...	...	
3692 Musical instruments		...	11	...	...		...	5.0	...	...		...	713	...	...	
3693 Sports goods		...	42	...	...		...	10.7	...	...		...	1019	...	...	
3694 Games and toys		...	119	...	...		...	16.8	...	...		...	1358	...	...	
3699 Other manufacturing n.e.c.		...	459	...	...		...	43.5	...	...		...	4158	...	...	
3710 Recycling of metal waste and scrap		...	6	...	...		...	0.5	...	...		...	28	...	...	
3720 Recycling of non-metal waste and scrap		...	20	...	...		...	0.4	...	...		...	25	...	...	
D Total manufacturing		...	23677	...	...		...	2413.3	...	...		...	236571	...	...	

## Thailand

ISIC Revision 3	Output in producers' prices					Value added in producers' prices					Gross fixed capital formation			
	ISIC Industry	Note	(million BAHT)				Note	(million BAHT)				Note	(million BAHT)	
			1995	1996	1997	1998		1995	1996	1997	1998		1995	1996
151 Processed meat, fish, fruit, vegetables, fats		...	223141	...	...		...	58741	...	...		...	4129	
1511 Processing/preserving of meat		...	26109	...	...		...	5397	...	...		...	1434	
1512 Processing/preserving of fish		...	118515	...	...		...	23350	...	...		...	1561	
1513 Processing/preserving of fruit & vegetables		...	49821	...	...		...	24861	...	...		...	720	
1514 Vegetable and animal oils and fats		...	28696	...	...		...	5134	...	...		...	414	
1520 Dairy products		...	16817	...	...		...	4466	...	...		...	1086	
153 Grain mill products; starches; animal feeds		...	133699	...	...		...	21039	...	...		...	4695	
1531 Grain mill products		...	71872	...	...		...	12401	...	...		...	3799	
1532 Starches and starch products		...	5841	...	...		...	972	...	...		...	137	
1533 Prepared animal feeds		...	55986	...	...		...	7666	...	...		...	760	
154 Other food products		...	108678	...	...		...	29317	...	...		...	7439	
1541 Bakery products		...	8342	...	...		...	3005	...	...		...	298	
1542 Sugar		...	58728	...	...		...	16535	...	...		...	4616	
1543 Cocoa, chocolate and sugar confectionery		...	3996	...	...		...	867	...	...		...	1261	
1544 Macaroni, noodles & similar products		...	5946	...	...		...	1558	...	...		...	489	
1549 Other food products n.e.c.		...	31666	...	...		...	7351	...	...		...	774	
155 Beverages		...	118945	...	...		...	69669	...	...		...	8984	
1551 Distilling, rectifying & blending of spirits		...	28441	...	...		...	20017	...	...		...	487	
1552 Wines		...	4459	...	...		...	3466	...	...		...	1871	
1553 Malt liquors and malt		...	38001	...	...		...	25200	...	...		...	1648	
1554 Soft drinks; mineral waters		...	48044	...	...		...	20986	...	...		...	4978	
1600 Tobacco products		...	43017	...	...		...	30669	...	...		...	87	
171 Spinning, weaving and finishing of textiles		...	133683	...	...		...	30391	...	...		...	5230	
1711 Textile fibre preparation; textile weaving		...	121653	...	...		...	26847	...	...		...	5091	
1712 Finishing of textiles		...	12030	...	...		...	3544	...	...		...	139	
172 Other textiles		...	41573	...	...		...	12392	...	...		...	1544	
1721 Made-up textile articles, except apparel		...	17286	...	...		...	4655	...	...		...	153	
1722 Carpets and rugs		...	2866	...	...		...	645	...	...		...	104	
1723 Cordage, rope, twine and netting		...	4301	...	...		...	1609	...	...		...	210	
1729 Other textiles n.e.c.		...	17121	...	...		...	5484	...	...		...	1076	
1730 Knitted and crocheted fabrics and articles		...	8304	...	...		...	3684	...	...		...	144	
1810 Wearing apparel, except fur apparel		...	78615	...	...		...	23666	...	...		...	1237	
1820 Dressing & dyeing of fur; processing of fur		...	1108	...	...		...	274	...	...		...	3	
191 Tanning, dressing and processing of leather		...	20737	...	...		...	6935	...	...		...	399	
1911 Tanning and dressing of leather		...	12073	...	...		...	4805	...	...		...	341	
1912 Luggage, handbags, etc.; saddlery & harness		...	8664	...	...		...	2130	...	...		...	58	
1920 Footwear		...	27571	...	...		...	8817	...	...		...	1126	
2010 Sawmilling and planing of wood		...	16857	...	...		...	5573	...	...		...	385	
202 Products of wood, cork, straw, etc.		...	29432	...	...		...	9410	...	...		...	594	
2021 Veneer sheets, plywood, particle board, etc.		...	15250	...	...		...	4401	...	...		...	395	
2022 Builders' carpentry and joinery		...	7439	...	...		...	2737	...	...		...	95	
2023 Wooden containers		...	1059	...	...		...	458	...	...		...	11	
2029 Other wood products; articles of cork/straw		...	5684	...	...		...	1815	...	...		...	94	
210 Paper and paper products		...	164196	...	...		...	32120	...	...		...	8381	
2101 Pulp, paper and paperboard		...	98295	...	...		...	19213	...	...		...	2986	
2102 Corrugated paper and paperboard		...	53914	...	...		...	10648	...	...		...	4990	
2109 Other articles of paper and paperboard		...	11987	...	...		...	2259	...	...		...	405	
221 Publishing		...	...	...	...		...	...	...	...		...	...	
2211 Publishing of books and other publications		...	2580	...	...		...	738	...	...		...	92	
2212 Publishing of newspapers, journals, etc.		...	13771	...	...		...	5033	...	...		...	3180	
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...	
2219 Other publishing		...	1992	...	...		...	594	...	...		...	75	

continued



## Thailand

ISIC Revision 3 ISIC Industry	Output in producers' prices					Value added in producers' prices					Gross fixed capital formation		
	Note	(million BAHT)				Note	(million BAHT)				Note	(million BAHT)	
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996
222 Printing and related service activities	...	...	40346	...	...	...	23535	...	...	...	...	1827	
2221 Printing	...	...	38281	...	...	...	22729	...	...	...	...	1755	
2222 Service activities related to printing	...	...	2065	...	...	...	806	...	...	...	...	72	
2230 Reproduction of recorded media	...	...	765	...	...	...	183	...	...	...	...	38	
2310 Coke oven products	...	...	1880	...	...	...	503	...	...	...	...	112	
2320 Refined petroleum products	...	...	123860	...	...	...	32477	...	...	...	...	4984	
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	-	
241 Basic chemicals	...	...	93679	...	...	...	22745	...	...	...	...	17634	
2411 Basic chemicals, except fertilizers	...	...	53444	...	...	...	19391	...	...	...	...	8459	
2412 Fertilizers and nitrogen compounds	...	...	3445	...	...	...	959	...	...	...	...	219	
2413 Plastics in primary forms; synthetic rubber	...	...	36790	...	...	...	2395	...	...	...	...	8955	
242 Other chemicals	...	...	123860	...	...	...	32171	...	...	...	...	3188	
2421 Pesticides and other agro-chemical products	...	...	25526	...	...	...	1541	...	...	...	...	40	
2422 Paints, varnishes, printing ink and mastics	...	...	29863	...	...	...	13797	...	...	...	...	499	
2423 Pharmaceuticals, medicinal chemicals, etc.	...	...	26218	...	...	...	5897	...	...	...	...	1188	
2424 Soap, cleaning & cosmetic preparations	...	...	28817	...	...	...	6004	...	...	...	...	1076	
2429 Other chemical products n.e.c.	...	...	13436	...	...	...	4931	...	...	...	...	385	
2430 Man-made fibres	...	...	11199	...	...	...	3965	...	...	...	...	106	
251 Rubber products	...	...	139758	...	...	...	36043	...	...	...	...	4578	
2511 Rubber tyres and tubes	...	...	30309	...	...	...	11927	...	...	...	...	2482	
2519 Other rubber products	...	...	109448	...	...	...	24116	...	...	...	...	2096	
2520 Plastic products	...	...	93189	...	...	...	27039	...	...	...	...	9315	
2610 Glass and glass products	...	...	18322	...	...	...	7294	...	...	...	...	2276	
269 Non-metallic mineral products n.e.c.	...	...	163882	...	...	...	57724	...	...	...	...	13710	
2691 Pottery, china and earthenware	...	...	14947	...	...	...	5789	...	...	...	...	850	
2692 Refractory ceramic products	...	...	3020	...	...	...	472	...	...	...	...	113	
2693 Struct.non-refractory clay; ceramic products	...	...	6521	...	...	...	3448	...	...	...	...	157	
2694 Cement, lime and plaster	...	...	50766	...	...	...	19653	...	...	...	...	5785	
2695 Articles of concrete, cement and plaster	...	...	77845	...	...	...	23078	...	...	...	...	6483	
2696 Cutting, shaping & finishing of stone	...	...	3917	...	...	...	2432	...	...	...	...	82	
2699 Other non-metallic mineral products n.e.c.	...	...	6866	...	...	...	2853	...	...	...	...	240	
2710 Basic iron and steel	...	...	69221	...	...	...	11085	...	...	...	...	2918	
2720 Basic precious and non-ferrous metals	...	...	7335	...	...	...	1059	...	...	...	...	164	
273 Casting of metals	...	...	18121	...	...	...	5678	...	...	...	...	668	
2731 Casting of iron and steel	...	...	9555	...	...	...	3397	...	...	...	...	434	
2732 Casting of non-ferrous metals	...	...	8565	...	...	...	2281	...	...	...	...	233	
281 Struct.metal products;tanks;steam generators	...	...	62169	...	...	...	14739	...	...	...	...	3340	
2811 Structural metal products	...	...	47085	...	...	...	9536	...	...	...	...	2372	
2812 Tanks, reservoirs and containers of metal	...	...	14437	...	...	...	4969	...	...	...	...	911	
2813 Steam generators	...	...	647	...	...	...	233	...	...	...	...	57	
289 Other metal products; metal working services	...	...	97150	...	...	...	20469	...	...	...	...	5797	
2891 Metal forging/pressing/stamping/roll-forming	...	...	35435	...	...	...	4369	...	...	...	...	2002	
2892 Treatment & coating of metals	...	...	12734	...	...	...	4003	...	...	...	...	469	
2893 Cutlery, hand tools and general hardware	...	...	3491	...	...	...	1411	...	...	...	...	172	
2899 Other fabricated metal products n.e.c.	...	...	45490	...	...	...	10685	...	...	...	...	3154	
291 General purpose machinery	...	...	71411	...	...	...	18495	...	...	...	...	4439	
2911 Engines & turbines(not for transport equip.)	...	...	1165	...	...	...	163	...	...	...	...	11	
2912 Pumps, compressors, taps and valves	...	...	3467	...	...	...	853	...	...	...	...	162	
2913 Bearings, gears, gearing & driving elements	...	...	12177	...	...	...	4527	...	...	...	...	1163	
2914 Ovens, furnaces and furnace burners	...	...	204	...	...	...	49	...	...	...	...	2	
2915 Lifting and handling equipment	...	...	7917	...	...	...	1454	...	...	...	...	240	
2919 Other general purpose machinery	...	...	46482	...	...	...	11449	...	...	...	...	2861	

292	Special purpose machinery	...	...	...	...	...	...	...	...
2921	Agricultural and forestry machinery	...	3467	...	...	1151	...	...	91
2922	Machine tools	...	2678	...	...	644	...	...	131
2923	Machinery for metallurgy	...	97	...	...	40	...	...	2
2924	Machinery for mining & construction	...	3150	...	...	800	...	...	169
2925	Food/beverage/tobacco processing machinery	...	364	...	...	122	...	...	5
2926	Machinery for textile, apparel and leather	...	1137	...	...	425	...	...	11
2927	Weapons and ammunition	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	37758	...	...	8385	...	...	3972
2930	Domestic appliances n.e.c.	...	45367	...	...	8441	...	...	4061
3000	Office, accounting and computing machinery	...	135082	...	...	28024	...	...	6470
3110	Electric motors, generators and transformers	...	13956	...	...	4886	...	...	868
3120	Electricity distribution & control apparatus	...	61756	...	...	19138	...	...	2663
3130	Insulated wire and cable	...	9837	...	...	2001	...	...	830
3140	Accumulators, primary cells and batteries	...	3330	...	...	780	...	...	172
3150	Lighting equipment and electric lamps	...	5042	...	...	1692	...	...	57
3190	Other electrical equipment n.e.c.	...	38925	...	...	11578	...	...	7001
3210	Electronic valves, tubes, etc.	...	99939	...	...	23320	...	...	12248
3220	TV/radio transmitters; line comm. apparatus	...	12881	...	...	1731	...	...	871
3230	TV and radio receivers and associated goods	...	90402	...	...	22926	...	...	6974
331	Medical, measuring, testing appliances, etc.	...	...	...	...	...	...	...	...
3311	Medical, surgical and orthopaedic equipment	...	3997	...	...	1344	...	...	163
3312	Measuring/testing/navigating appliances, etc.	...	714	...	...	230	...	...	13
3313	Industrial process control equipment	...	...	...	...	...	...	...	...
3320	Optical instruments & photographic equipment	...	11980	...	...	8932	...	...	688
3330	Watches and clocks	...	6556	...	...	1393	...	...	653
3410	Motor vehicles	...	330618	...	...	104052	...	...	192338
3420	Automobile bodies, trailers & semi-trailers	...	58314	...	...	15068	...	...	1182
3430	Parts/accessories for automobiles	...	77332	...	...	20553	...	...	7530
351	Building and repairing of ships and boats	...	3486	...	...	1705	...	...	49
3511	Building and repairing of ships	...	3321	...	...	1662	...	...	46
3512	Building/repairing of pleasure/sport. boats	...	165	...	...	42	...	...	2
3520	Railway/tramway locomotives & rolling stock	...	...	...	...	...	...	...	...
3530	Aircraft and spacecraft	...	...	...	...	...	...	...	...
359	Transport equipment n.e.c.	...	15193	...	...	4918	...	...	777
3591	Motorcycles	...	14026	...	...	4627	...	...	764
3592	Bicycles and invalid carriages	...	941	...	...	232	...	...	10
3599	Other transport equipment n.e.c.	...	227	...	...	59	...	...	3
3610	Furniture	...	44347	...	...	14425	...	...	1581
369	Manufacturing n.e.c.	...	75861	...	...	20449	...	...	2202
3691	Jewellery and related articles	...	30265	...	...	9184	...	...	306
3692	Musical instruments	...	3615	...	...	404	...	...	402
3693	Sports goods	...	5371	...	...	1242	...	...	-293
3694	Games and toys	...	7287	...	...	2087	...	...	944
3699	Other manufacturing n.e.c.	...	29322	...	...	7532	...	...	842
3710	Recycling of metal waste and scrap	...	467	...	...	70	...	...	397
3720	Recycling of non-metal waste and scrap	...	252	...	...	58	...	...	1
D	Total manufacturing	...	3541257	...	...	998144	...	...	378395

Thailand

ISIC Revision 3		Index numbers of industrial production											
		Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
ISIC Industry													
15	Food and beverages		...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products		...	...	...	...	...	...	...	...	...	...	...
17	Textiles		...	...	...	...	...	...	...	...	...	...	...
18	Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products		...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing		...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...
27	Basic metals		...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment		...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...
37	Recycling		...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		67	79	91	100	110	121	130	139	151	163	146

## TUNISIA

<p><b>Supplier of information:</b> Institut national de la statistique, Ministère du développement économique, Tunis.</p> <p><b>Basic source of data:</b> Not reported.</p> <p><b>Major deviations from ISIC (Revision 2):</b> Data collected under the national classification system (NAP 50) have been reclassified by the national authorities to achieve the best possible correspondence with ISIC (Rev. 2). For several variables, ISIC 353 and 354 include production of crude petroleum and natural gas (ISIC 220).</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Number of establishments and employees relate to enterprises, with at least one employee registered under the social security scheme. Other variables relate to all enterprises.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> <u>Wages and salaries, output, value added and gross fixed capital formation</u> were derived from national accounts data.</p> <p><b>Related national publications:</b></p>
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## Tunisia

ISIC Revision 2 ISIC Industry	Number of establishments a/				Number of employees a/				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million DINARS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		2541	2782	2387	2570		33732	34676	35194	34280		154.5	172.3	194.8	205.6
3111 Slaughtering, preparing & preserving meat		19	18	14	17		790	764	554	602		13.9	13.8	15.0	16.5
3112 Dairy products		34	36	40	39		3312	3613	3947	3793		21.4	24.4	26.6	28.7
3113 Canning, preserving of fruits & vegetables		61	64	65	64		2690	2868	2814	2825	b/	8.8	11.4	11.6	12.8
3114 Canning, preserving and processing of fish		37	35	37	32		1564	1275	1942	1530	b/	...	...	...	...
3115 Vegetable and animal oils and fats		347	412	328	387		3789	4720	3127	4100		10.9	12.9	17.9	17.4
3116 Grain mill products		120	131	107	121		4372	4319	4438	3939	c/	74.4	81.4	93.9	99.2
3117 Bakery products		1791	1942	1657	1772		11796	12264	13201	12783	c/	...	...	...	...
3118 Sugar factories and refineries		4	3	3	3		1786	1019	995	1001	d/	13.7	14.8	15.3	17.0
3119 Cocoa, chocolate and sugar confectionery		25	28	27	26		982	1087	1137	1097	d/	...	...	...	...
3121 Other food products		43	44	43	45		1730	1547	1693	1320	e/	11.4	13.7	14.5	14.1
3122 Prepared animal feeds		60	69	66	64		921	1200	1346	1290	e/	...	...	...	...
313 Beverages		53	52	48	50		3636	3541	3724	3801		27.1	30.8	37.5	39.5
3131 Distilling, rectifying and blending spirits		5	6	6	6		92	89	151	252		...	...	...	...
3132 Wine industries		16	16	14	15		926	850	926	939		...	...	...	...
3133 Malt liquors and malt		1	1	1	1		884	842	847	820		...	...	...	...
3134 Soft drinks and carbonated waters		31	29	27	28		1734	1760	1800	1790		...	...	...	...
314 Tobacco		10	9	7	7		2669	2510	2630	3554		20.8	20.6	24.3	24.3
321 Textiles		562	625	611	630		17899	18519	17935	17860		141.5	157.6	164.5	163.1
3211 Spinning, weaving and finishing textiles		154	168	179	178		7951	8187	7596	8006	f/	80.2	88.4	88.5	89.7
3212 Made-up textile goods excl. wearing apparel		86	98	103	99		1854	2085	2489	2301	f/	...	...	...	...
3213 Knitting mills		149	173	146	163		2945	3079	2721	2803		48.5	56.4	62.9	60.4
3214 Carpets and rugs		65	71	68	70		1113	981	967	945		12.9	12.8	13.1	13.0
3215 Cordage, rope and twine		43	40	40	42		2841	2759	2718	2605	g/	...	...	...	...
3219 Other textiles		65	75	75	78		1195	1428	1444	1200		...	...	...	...
322 Wearing apparel, except footwear		1687	2021	1817	1923		94274	102655	102923	103101		337.2	340.1	379.2	414.8
323 Leather and fur products		93	110	133	114		3496	3430	3370	3216	h/	52.1	55.3	63.3	66.9
3231 Tanneries and leather finishing		26	32	30	25		961	982	847	901		...	...	...	...
3232 Fur dressing and dyeing industries		2	2	2	2		69	79	79	60		...	...	...	...
3233 Leather prods. excl. wearing apparel		65	76	101	87		2466	2369	2444	2255		...	...	...	...
324 Footwear, except rubber or plastic		294	400	318	328		7976	9047	9516	9623	h/	...	...	...	...
331 Wood products, except furniture		158	166	162	159		2089	1977	2060	1999	i/	57.3	58.2	64.2	70.6
3311 Sawmills, planing and other wood mills		108	107	111	109		960	1033	1081	946		...	...	...	...
3312 Wooden and cane containers		8	10	6	7		284	262	160	153		...	...	...	...
3319 Other wood and cork products		42	49	45	43		845	682	819	900		...	...	...	...
332 Furniture and fixtures, excl. metal		1732	1983	1818	1891		8642	9639	8059	8193	i/	...	...	...	...
341 Paper and products		89	106	97	93		4907	4740	5201	5307	j/	40.3	44.5	47.6	45.8
3411 Pulp, paper and paperboard articles		60	71	67	61		3532	3510	3795	3887		...	...	...	...
3412 Containers of paper and paperboard		20	24	20	23		1313	1138	1323	1330		...	...	...	...
3419 Other pulp, paper and paperboard articles		9	11	10	9		62	92	83	90		...	...	...	...
342 Printing and publishing		274	309	205	242		4238	4441	3148	4193	j/	...	...	...	...
351 Industrial chemicals		47	50	63	58		5283	5021	6037	5920		50.5	55.2	57.9	58.3
3511 Basic chemicals excl. fertilizers		20	22	39	36		1609	1386	1345	1292		4.8	8.6	9.0	10.7
3512 Fertilizers and pesticides		14	14	13	12		3244	3213	4344	4219		45.7	46.6	48.9	47.6
3513 Synthetic resins and plastic materials		13	14	11	10		430	422	348	409		...	...	...	...
352 Other chemicals		211	246	216	201		5384	6266	5383	5106		43.6	52.7	59.1	60.0
3521 Paints, varnishes and lacquers		31	34	35	32		748	843	786	880	k/	35.2	41.0	46.8	44.6
3522 Drugs and medicines		20	28	23	24		903	1177	1323	1396		8.4	11.7	12.3	15.5
3523 Soap, cleaning preps., perfumes, cosmetics		132	153	137	121		2909	3357	2802	2321	k/	...	...	...	...
3529 Other chemical products		28	31	21	24		824	889	472	509	k/	...	...	...	...
353 Petroleum refineries		1	1	1	1		484	767	763	917	m/	40.5	42.3	42.9	40.2

354 Misc. petroleum and coal products	2	3	3	3	44	48	209	169	m/	...	...	...	...
355 Rubber products	105	133	132	144	2633	2505	2512	3439		15.7	17.4	19.4	18.5
3551 Tyres and tubes	78	103	100	114	1337	1234	1191	2149		...	...	...	...
3559 Other rubber products	27	30	32	30	1296	1271	1321	1290		...	...	...	...
356 Plastic products	176	197	198	186	6314	6725	7672	7320	n/	15.5	16.7	18.3	18.0
361 Pottery, china, earthenware	87	160	144	153	5142	4331	3899	4207		47.5	50.9	55.2	58.3
362 Glass and products	41	42	42	39	1090	1258	1266	1585		8.0	9.6	10.4	11.0
369 Other non-metallic mineral products	359	378	333	330	15858	16351	16344	17901		65.3	62.3	63.2	64.8
3691 Structural clay products	113	142	139	134	5937	6437	7038	7190		...	...	...	...
3692 Cement, lime and plaster	23	24	17	18	4131	4112	3946	5211	p/	65.3	62.3	63.2	64.8
3699 Other non-metallic mineral products	223	212	177	178	5790	5802	5360	5500		...	...	...	...
371 Iron and steel	8	8	7	7	2979	2789	2549	2431		40.4	41.5	43.5	42.8
372 Non-ferrous metals	112	120	98	101	6212	5670	4741	5888	q/	54.4	61.0	63.8	62.5
381 Fabricated metal products	502	564	508	553	10818	10640	9315	9100	q/	...	...	...	...
3811 Cutlery, hand tools and general hardware	109	120	111	121	3154	2846	2419	2219		...	...	...	...
3812 Furniture and fixtures primarily of metal	24	27	18	23	796	1086	931	890		...	...	...	...
3813 Structural metal products	142	159	156	164	2793	2617	2991	2801		...	...	...	...
3819 Other fabricated metal products	227	258	223	245	4075	4091	2974	3190		...	...	...	...
382 Non-electrical machinery	781	887	851	873	5679	5615	7064	6900		13.4	14.3	15.8	16.3
3821 Engines and turbines	26	34	35	32	245	244	242	240		...	...	...	...
3822 Agricultural machinery and equipment	10	13	12	21	561	568	580	538		...	...	...	...
3823 Metal and wood working machinery	680	768	740	747	3341	3581	4959	4921		...	...	...	...
3824 Other special industrial machinery	65	72	64	73	1532	1222	1283	1201		...	...	...	...
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-		...	...	...	...
3829 Other non-electrical machinery & equipment	-	-	-	-	-	-	-	-		...	...	...	...
383 Electrical machinery	225	267	240	255	10683	12309	14021	14329		60.1	71.0	75.9	77.9
3831 Electrical industrial machinery	71	97	86	93	2345	2689	2909	2523	r/	30.5	35.5	37.4	40.3
3832 Radio, television and communication equipm.	32	33	26	31	2018	1882	1931	1903	s/	21.1	25.6	28.2	27.4
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-		8.5	9.8	10.4	10.1
3839 Other electrical apparatus and supplies	122	137	128	131	6320	7738	9181	9903	r/	...	...	...	...
384 Transport equipment	567	727	656	648	8316	8462	9116	8214		38.2	43.4	46.1	46.4
3841 Shipbuilding and repairing	52	59	50	50	1458	1488	1054	1309	t/	11.2	12.5	13.2	13.7
3842 Railroad equipment	1	1	1	1	566	438	421	450	t/	...	...	...	...
3843 Motor vehicles	476	622	565	554	6046	6288	7478	6123	u/	26.9	30.9	33.0	32.7
3844 Motorcycles and bicycles	37	44	38	42	244	246	161	330	u/	...	...	...	...
3845 Aircraft	-	-	-	-	-	-	-	-	t/	...	...	...	...
3849 Other transport equipment	1	1	1	1	2	2	2	2	u/	...	...	...	...
385 Professional and scientific equipment	89	104	92	93	682	791	974	895		...	...	...	...
3851 Prof. and scientific equipment n.e.c.	66	85	76	80	423	531	777	643	s/	...	...	...	...
3852 Photographic and optical goods	10	6	8	6	237	230	181	220	g/	...	...	...	...
3853 Watches and clocks	13	13	8	7	22	30	16	32	g/	...	...	...	...
390 Other manufacturing industries	179	217	185	195	2429	2674	2637	2630	g/	16.3	18.2	19.2	18.8
3901 Jewellery and related articles	57	70	59	70	464	448	563	489		...	...	...	...
3902 Musical instruments	9	15	15	13	158	208	197	211		...	...	...	...
3903 Sporting and athletic goods	29	32	29	30	700	859	687	720		...	...	...	...
3909 Manufacturing industries, n.e.c.	84	100	82	82	1107	1159	1190	1210		...	...	...	...
3 Total manufacturing	10985	12667	11372	11847	273588	287397	288262	292078		1340.4	1435.9	1566.0	1624.6

a/ Data derived from social security records.

b/ 3113 includes 3114.

c/ 3116 includes 3117.

d/ 3118 includes 3119.

e/ 3121 includes 3122.

f/ 3211 includes 3212.

g/ 390 includes 3215, 3852 and 3853.

h/ 323 includes 324.

i/ 331 includes 332.

j/ 341 includes 342.

k/ 3521 includes 3523 and 3529.

m/ 353 includes 354 and production of crude petroleum and natural gas.

n/ 356 includes 3513.

p/ 3699 includes 290.

q/ 372 includes 381.

r/ 3831 includes 3839.

s/ 3832 includes 3851.

t/ 3841 includes 3842 and 3845.

u/ 3843 includes 3844 and 3849.

## Tunisia

ISIC Revision 2	Output in producers' prices					Value added in producers' prices					Gross fixed capital formation		
	ISIC Industry	Note	(million DINARS)				Note	(million DINARS)				(million DINARS)	
			1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
311/2 Food products		2488.3	2769.8	3388.1	3363.4		427.7	478.0	580.7	578.1		151.9	162.4
3111 Slaughtering, preparing & preserving meat		634.5	677.3	736.8	831.0		71.8	76.6	83.6	94.2		0.7	0.8
3112 Dairy products		225.4	253.8	300.3	331.6		15.6	18.7	22.7	25.2		18.3	19.6
3113 Canning, preserving of fruits & vegetables	a/	210.3	254.8	256.6	293.8	a/	39.6	47.9	48.7	55.4	a/	19.7	21.1
3114 Canning, preserving and processing of fish	a/	...	...	...	...	a/	...	...	...	...	a/	...	...
3115 Vegetable and animal oils and fats		192.6	246.3	609.1	321.4		30.3	38.7	95.8	50.4		36.4	38.9
3116 Grain mill products	b/	707.3	759.0	870.8	952.9	b/	168.4	181.4	209.4	227.2	b/	32.6	34.8
3117 Bakery products	b/	...	...	...	...	b/	...	...	...	...	b/	...	...
3118 Sugar factories and refineries	c/	155.0	168.0	181.1	198.1	c/	34.8	38.4	39.9	45.4	c/	16.7	17.8
3119 Cocoa, chocolate and sugar confectionery	c/	...	...	...	...	c/	...	...	...	...	c/	...	...
3121 Other food products	d/	363.1	410.6	433.4	434.6	d/	67.2	76.3	80.6	80.4	d/	27.5	29.2
3122 Prepared animal feeds	d/	...	...	...	...	d/	...	...	...	...	d/	...	...
313 Beverages		288.5	299.2	370.0	392.4		140.0	144.0	175.2	189.5		19.0	20.4
3131 Distilling, rectifying and blending spirits		...	...	...	...		...	...	...	...		...	...
3132 Wine industries		...	...	...	...		...	...	...	...		...	...
3133 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...
3134 Soft drinks and carbonated waters		...	...	...	...		...	...	...	...		...	...
314 Tobacco		403.0	438.5	492.8	495.0		302.7	337.4	397.0	364.1		2.1	2.2
321 Textiles		1049.4	1097.9	1134.7	1220.0		335.8	387.3	401.7	434.3		45.1	53.0
3211 Spinning, weaving and finishing textiles	e/	685.3	709.2	708.4	737.0	e/	219.9	227.0	226.7	236.0	e/	29.3	34.5
3212 Made-up textile goods excl. wearing apparel	e/	...	...	...	...	e/	...	...	...	...	e/	...	...
3213 Knitting mills		278.2	302.4	337.7	380.0		73.9	118.0	131.6	147.9		13.3	15.6
3214 Carpets and rugs		85.8	86.3	88.6	103.0		42.0	42.3	43.4	50.4		2.5	3.0
3215 Cordage, rope and twine	f/	...	...	...	...	f/	...	...	...	...	f/	...	...
3219 Other textiles	f/	...	...	...	...	f/	...	...	...	...	f/	...	...
322 Wearing apparel, except footwear		2214.0	2406.6	2686.9	3024.0		671.4	721.4	804.3	903.6		93.8	110.4
323 Leather and fur products		483.7	537.9	618.6	666.0		183.3	204.4	234.1	253.9		31.1	36.6
3231 Tanneries and leather finishing		...	...	...	...		...	...	...	...		...	...
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...
3233 Leather prods. excl. wearing apparel		...	...	...	...		...	...	...	...		...	...
324 Footwear, except rubber or plastic	g/	...	...	...	...	g/	...	...	...	...	g/	...	...
331 Wood products, except furniture		518.9	569.3	623.9	712.5		218.4	243.8	268.9	304.0		15.4	13.8
3311 Sawmills, planing and other wood mills		...	...	...	...		...	...	...	...		...	...
3312 Wooden and cane containers		...	...	...	...		...	...	...	...		...	...
3319 Other wood and cork products		...	...	...	...		...	...	...	...		...	...
332 Furniture and fixtures, excl. metal	h/	...	...	...	...	h/	...	...	...	...	h/	...	...
341 Paper and products		394.8	392.2	409.1	411.1		113.1	113.6	121.8	120.3		33.8	30.2
3411 Pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...
3412 Containers of paper and paperboard		...	...	...	...		...	...	...	...		...	...
3419 Other pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...
342 Printing and publishing	i/	...	...	...	...	i/	...	...	...	...	i/	...	...
351 Industrial chemicals		1266.4	1402.9	1475.6	1716.9		190.0	214.9	227.8	262.2		38.2	43.3
3511 Basic chemicals excl. fertilizers		59.3	71.8	78.4	90.0		16.3	22.3	25.8	31.5		5.3	6.0
3512 Fertilizers and pesticides		1207.1	1331.2	1397.2	1626.9		173.7	192.6	202.0	230.7		32.8	37.2
3513 Synthetic resins and plastic materials		...	...	...	...		...	...	...	...		...	...
352 Other chemicals		471.0	529.7	580.3	598.8		154.3	185.2	200.7	214.4		28.5	32.4
3521 Paints, varnishes and lacquers	j/	402.3	434.9	496.6	475.8	j/	124.8	143.5	163.9	160.3	j/	15.2	17.2
3522 Drugs and medicines	j/	68.7	94.9	83.7	123.0	j/	29.5	41.7	36.8	54.1	j/	13.4	15.1
3523 Soap, cleaning preps., perfumes, cosmetics	j/	...	...	...	...	j/	...	...	...	...	j/	...	...
3529 Other chemical products	j/	...	...	...	...	j/	...	...	...	...	j/	...	...
353 Petroleum refineries	k/	1222.0	1332.0	1352.8	1315.0	k/	746.5	839.3	851.1	820.0	k/	230.0	230.0

354 Misc. petroleum and coal products	k/	...	...	...	...	k/	...	...	...	...	k/	...	...
355 Rubber products		90.6	95.6	105.4	117.0		40.9	43.2	48.1	53.8		8.3	9.4
3551 Tyres and tubes		...	...	...	...		...	...	...	...		...	...
3559 Other rubber products		...	...	...	...		...	...	...	...		...	...
356 Plastic products	m/	191.0	209.0	224.4	262.7	m/	57.4	63.8	69.8	80.5	m/	26.9	24.1
361 Pottery, china, earthenware		253.2	263.6	282.3	312.9		109.8	115.0	124.7	135.4		62.4	57.8
362 Glass and products		55.0	63.0	68.4	74.8		23.0	26.5	28.7	31.4		1.7	1.6
369 Other non-metallic mineral products		622.0	608.6	598.8	625.0		198.7	191.2	187.8	197.8		51.6	47.8
3691 Structural clay products		622.0	608.6	598.8	625.0		198.7	191.2	187.8	197.8		51.6	47.8
3692 Cement, lime and plaster		622.0	608.6	598.8	625.0		198.7	191.2	187.8	197.8		51.6	47.8
3699 Other non-metallic mineral products	n/	...	...	...	...	n/	...	...	...	...	n/	...	...
371 Iron and steel		366.0	368.9	385.4	377.4		76.2	76.7	80.4	78.6		15.8	19.0
372 Non-ferrous metals	p/	432.5	448.0	468.0	514.1	p/	143.0	152.3	159.1	174.8	p/	17.5	21.0
381 Fabricated metal products	p/	...	...	...	...	p/	...	...	...	...	p/	...	...
3811 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...		...	...
3812 Furniture and fixtures primarily of metal		...	...	...	...		...	...	...	...		...	...
3813 Structural metal products		...	...	...	...		...	...	...	...		...	...
3819 Other fabricated metal products		...	...	...	...		...	...	...	...		...	...
382 Non-electrical machinery		116.0	120.4	132.6	141.7		18.2	19.4	21.4	22.8		9.3	11.2
3821 Engines and turbines		...	...	...	...		...	...	...	...		...	...
3822 Agricultural machinery and equipment		...	...	...	...		...	...	...	...		...	...
3823 Metal and wood working machinery		...	...	...	...		...	...	...	...		...	...
3824 Other special industrial machinery		...	...	...	...		...	...	...	...		...	...
3825 Office, computing and accounting machinery		...	...	...	...		...	...	...	...		...	...
3829 Other non-electrical machinery & equipment		...	...	...	...		...	...	...	...		...	...
383 Electrical machinery		647.3	717.5	842.4	975.6		166.0	187.2	223.7	265.4		43.5	52.2
3831 Electrical industrial machinery	q/	347.0	388.3	485.0	594.9	q/	112.8	126.2	157.7	196.4	q/	21.9	26.2
3832 Radio, television and communication equipm.	r/	207.4	224.5	246.9	278.0	r/	31.5	35.9	39.5	44.4	r/	15.1	18.2
3833 Electrical appliances and housewares		92.9	104.7	110.5	102.7		21.8	25.1	26.5	24.6		6.5	7.8
3839 Other electrical apparatus and supplies	q/	...	...	...	...	q/	...	...	...	...	q/	...	...
384 Transport equipment		308.8	317.1	335.9	386.4		93.6	97.9	103.5	117.9		13.8	16.6
3841 Shipbuilding and repairing	s/	20.3	21.5	21.0	22.6	s/	8.7	9.2	9.0	9.7	s/	2.5	3.0
3842 Railroad equipment	s/	...	...	...	...	s/	...	...	...	...	s/	...	...
3843 Motor vehicles	t/	288.4	295.6	314.9	363.8	t/	84.9	88.7	94.5	108.2	t/	11.3	13.6
3844 Motorcycles and bicycles	t/	...	...	...	...	t/	...	...	...	...	t/	...	...
3845 Aircraft	s/	...	...	...	...	s/	...	...	...	...	s/	...	...
3849 Other transport equipment	t/	...	...	...	...	t/	...	...	...	...	t/	...	...
385 Professional and scientific equipment		...	...	...	...		...	...	...	...		...	...
3851 Prof. and scientific equipment n.e.c.	r/	...	...	...	...	r/	...	...	...	...	r/	...	...
3852 Photographic and optical goods	f/	...	...	...	...	f/	...	...	...	...	f/	...	...
3853 Watches and clocks	f/	...	...	...	...	f/	...	...	...	...	f/	...	...
390 Other manufacturing industries	f/	159.6	174.3	181.9	209.4	f/	48.4	54.0	56.8	64.9	f/	18.9	16.9
3901 Jewellery and related articles		...	...	...	...		...	...	...	...		...	...
3902 Musical instruments		...	...	...	...		...	...	...	...		...	...
3903 Sporting and athletic goods		...	...	...	...		...	...	...	...		...	...
3909 Manufacturing industries, n.e.c.		...	...	...	...		...	...	...	...		...	...
3 Total manufacturing		14041.8	15162.1	16758.2	17912.0		4458.4	4896.5	5367.3	5667.4		958.7	1012.1

a/ 3113 includes 3114.

b/ 3116 includes 3117.

c/ 3118 includes 3119.

d/ 3121 includes 3122.

e/ 3211 includes 3212.

f/ 390 includes 3215, 3852 and 3853.

g/ 323 includes 324.

h/ 331 includes 332.

i/ 341 includes 342.

j/ 3521 includes 3523 and 3529.

k/ 353 includes 354 and production of crude petroleum and natural gas.

m/ 356 includes 3513.

n/ 3699 includes 290.

p/ 372 includes 381.

q/ 3831 includes 3839.

r/ 3832 includes 3851.

s/ 3841 includes 3842 and 3845.

t/ 3843 includes 3844 and 3849.



## Tunisia

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products	a/	...	...	...	100	109	117	114	120	118	123	138	139
313 Beverages	a/	...	...	...	100	114	113	100	103	106	104	112	110
314 Tobacco		...	...	...	100	114	113	100	103	106	104	112	110
321 Textiles		99	105	105	100	102	108	122	131	150	141	144	158
322 Wearing apparel, except footwear		...	...	...	100	110	123	135	149	156	160	167	181
323 Leather and fur products	b/	...	...	...	100	108	117	137	167	179	190	213	227
324 Footwear, except rubber or plastic	b/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	...	...	100	94	97	101	110	113	94	125	141
332 Furniture and fixtures, excl. metal	c/	...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		89	92	85	100	100	101	99	101	107	98	100	100
342 Printing and publishing		...	...	...	100	107	102	102	106	113	110	116	123
351 Industrial chemicals	d/	81	92	97	100	107	114	113	128	136	143	146	157
352 Other chemicals	d/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	e/	...	...	...	100	98	97	95	99	109	108	113	110
354 Misc. petroleum and coal products	e/	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	f/	...	...	...	100	100	101	113	121	124	134	139	167
356 Plastic products	f/	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	g/	...	...	...	100	104	103	111	112	116	113	114	122
362 Glass and products	g/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	g/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	h/	99	99	97	100	103	98	99	97	96	97	101	97
372 Non-ferrous metals	h/	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		87	92	97	100	100	98	97	106	102	103	98	114
382 Non-electrical machinery		108	106	89	100	144	157	150	166	168	156	143	119
383 Electrical machinery		61	73	81	100	108	119	110	119	117	125	159	186
384 Transport equipment		83	72	78	100	101	106	115	119	107	115	117	116
385 Professional and scientific equipment		...	...	...	100	93	98	102	98	103	124	119	129
390 Other manufacturing industries	c/	...	...	...	100	110	113	123	127	119	134	114	115
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

- a/ 311/2 includes 313.  
b/ 323 includes 324.  
c/ 390 includes 332.  
d/ 351 includes 352.  
e/ 353 includes 354.  
f/ 355 includes 356.  
g/ 361 includes 362 and 369.  
h/ 371 includes 372.

## UGANDA

<p><b>Supplier of information:</b> Ministry of Finance and Economic Planning, Statistics Department, Entebbe.</p> <p><b>Basic source of data:</b> Industrial survey.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Not reported.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b></p>
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## Uganda

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million SHILLINGS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		...	...	...	...	...	...	...	...		...	...	...	...	
1511 Processing/preserving of meat		...	...	...	...	...	...	...	...		...	...	...	...	
1512 Processing/preserving of fish		...	...	...	...	...	...	...	...		...	...	...	...	
1513 Processing/preserving of fruit & vegetables		...	...	...	...	...	...	...	...		...	...	...	...	
1514 Vegetable and animal oils and fats	a/	6	6	6	6	a/	804	757	754	722	a/	1142.0	1147.3	126.2	2563.9
1520 Dairy products		4	5	4	7		397	416	365	588		1029.3	1041.6	917.7	1395.3
153 Grain mill products; starches; animal feeds		...	...	...	...		...	...	...	...		...	...	...	...
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...	...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...	...	...
1533 Prepared animal feeds		...	...	...	...		...	...	...	...		...	...	...	...
154 Other food products		...	...	...	...		...	...	...	...		...	...	...	...
1541 Bakery products	b/	...	...	...	...	b/	...	...	...	...		...	...	...	...
1542 Sugar	b/	...	...	...	...	b/	...	...	...	...		...	...	...	...
1543 Cocoa, chocolate and sugar confectionery		1	1	1	1		48	83	80	91		32.5	81.8	103.6	135.7
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...	...	...
1549 Other food products n.e.c.	b/	37	36	29	31	b/	2179	2204	1943	1946		2959.7b/	4079.6b/	4998.9b/	...
155 Beverages		...	...	...	...		...	...	...	...		...	...	...	...
1551 Distilling, rectifying & blending of spirits		1	1	1	1		68	64	67	74		207.5	203.5	363.8	622.8
1552 Wines		...	...	...	...		...	...	...	...		...	...	...	...
1553 Malt liquors and malt		2	2	2	2		943	1113	1110	1083		2959.7	4079.6	4998.9	6750.0
1554 Soft drinks; mineral waters		5	4	4	3		659	920	1165	1446		2631.3	3632.1	462.9	6484.7
1600 Tobacco products		1	1	1	2		582	526	558	613		3042.1	3314.2	3777.0	4773.5
171 Spinning, weaving and finishing of textiles		...	...	...	...		...	...	...	...		...	...	...	...
1711 Textile fibre preparation; textile weaving		1	1	2	2		949	400	928	935		552.0	210.0	262.2	706.7
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...	...	...
172 Other textiles		...	...	...	...		...	...	...	...		...	...	...	...
1721 Made-up textile articles, except apparel		1	1	1	1		109	119	157	166		...	...	...	228.0
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	...	...
1723 Cordage, rope, twine and netting		1	1	-	1		125	225	140	172		151.0	163.4	77.7	137.8
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
1730 Knitted and crocheted fabrics and articles		1	1	1	1		271	108	150	...		121.6	31.6	26.0	...
1810 Wearing apparel, except fur apparel		4	4	1	2		92	95	51	505		58.3	73.8	23.1	304.2
1820 Dressing & dyeing of fur; processing of fur		...	...	...	...		...	...	...	...		...	...	...	...
191 Tanning, dressing and processing of leather		...	...	...	...		...	...	...	...		...	...	...	...
1911 Tanning and dressing of leather		1	1	1	1		34	44	64	70		29.5	31.0	57.5	79.4
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...	...	...	...
1920 Footwear		4	3	3	3		174	150	151	164		354.9	420.5	436.3	544.9
2010 Sawmilling and planing of wood		...	...	...	...		...	...	...	...		...	...	...	...
202 Products of wood, cork, straw, etc.		...	...	...	...		...	...	...	...		...	...	...	...
2021 Veneer sheets, plywood, particle board, etc.		1	1	1	1		...	108	111	210		...	58.5	72.9	122.6
2022 Builders' carpentry and joinery		...	...	...	...		...	...	...	...		...	...	...	...
2023 Wooden containers		...	...	...	...		...	...	...	...		...	...	...	...
2029 Other wood products; articles of cork/straw		1	1	1	1		...	10	...	...		...	2.9	...	...
210 Paper and paper products		...	...	...	...		...	...	...	...		...	...	...	...
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
2109 Other articles of paper and paperboard		11	11	11	9		626	678	585	563		1689.8	1731.0	3176.3	3158.8
221 Publishing		...	...	...	...		...	...	...	...		...	...	...	...
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...	...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...	...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...	...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...	...	...

222	Printing and related service activities	...	...	...	...	...	...	...	...	...	...	...	...
2221	Printing	...	...	...	...	...	...	...	...	...	...	...	...
2222	Service activities related to printing	...	...	...	...	...	...	...	...	...	...	...	...
2230	Reproduction of recorded media	...	...	...	...	...	...	...	...	...	...	...	...
2310	Coke oven products	...	...	...	...	...	...	...	...	...	...	...	...
2320	Refined petroleum products	...	...	...	...	...	...	...	...	...	...	...	...
2330	Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
241	Basic chemicals	...	...	...	...	...	...	...	...	...	...	...	...
2411	Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...	...	...	...	...
2412	Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...	...	...	...	...
2413	Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...	...	...	...
242	Other chemicals	...	...	...	...	...	...	...	...	...	...	...	...
2421	Pesticides and other agro-chemical products	...	...	...	...	...	...	...	...	...	...	...	...
2422	Paints, varnishes, printing ink and mastics	6	6	6	6	83	92	124	143	114.3	110.2	232.5	282.3
2423	Pharmaceuticals, medicinal chemicals, etc.	4	4	2	3	152	261	204	254	133.6	247.0	223.7	521.2
2424	Soap, cleaning & cosmetic preparations	a/				a/				a/			
2429	Other chemical products n.e.c.	5	6	6	5	260	379	346	...	326.7	444.0	542.1	...
2430	Man-made fibres	...	...	...	...	...	...	...	...	...	...	...	...
251	Rubber products	...	...	...	...	...	...	...	...	...	...	...	...
2511	Rubber tyres and tubes	1	1	1	1	...	...	...	322	...	...	...	490.9
2519	Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
2520	Plastic products	8	9	8	9	492	515	520	524	664.5	987.3	1048.7	1126.1
2610	Glass and glass products	...	...	...	...	...	...	...	...	...	...	...	...
269	Non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
2691	Pottery, china and earthenware	...	...	...	...	...	...	...	...	...	...	...	...
2692	Refractory ceramic products	...	...	...	...	...	...	...	...	...	...	...	...
2693	Struct.non-refractory clay; ceramic products	...	...	...	...	...	...	...	...	...	...	...	...
2694	Cement, lime and plaster	2	2	2	2	815	740	1002	1230	1096.3	1880.1	1585.7	2172.8
2695	Articles of concrete, cement and plaster	7	7	7	8	...	...	...	581	445.7	504.9	763.5	976.6
2696	Cutting, shaping & finishing of stone	...	...	...	...	...	...	...	...	...	...	...	...
2699	Other non-metallic mineral products n.e.c.	2	2	1	1	...	...	...	...	21.8	19.8	8.9	...
2710	Basic iron and steel	...	...	...	...	...	...	...	...	...	...	...	...
2720	Basic precious and non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
273	Casting of metals	...	...	...	...	...	...	...	...	...	...	...	...
2731	Casting of iron and steel	...	...	...	...	...	...	...	...	...	...	...	...
2732	Casting of non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
281	Struct.metal products;tanks;steam generators	...	...	...	...	...	...	...	...	...	...	...	...
2811	Structural metal products	12	12	12	9	...	...	...	1140	1351.6	1335.7	1700.7	1718.7
2812	Tanks, reservoirs and containers of metal	...	...	...	...	...	...	...	...	...	...	...	...
2813	Steam generators	...	...	...	...	...	...	...	...	...	...	...	...
289	Other metal products; metal working services	...	...	...	...	...	...	...	...	...	...	...	...
2891	Metal forging/pressing/stamping/roll-forming	4	4	4	5	184	212	333	367	215.3	328.2	1044.6	1219.2
2892	Treatment & coating of metals	...	...	...	...	...	...	...	...	...	...	...	...
2893	Cutlery, hand tools and general hardware	1	1	1	1	143	52	18	...	258.4	137.2	61.3	...
2899	Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
291	General purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
2911	Engines & turbines(not for transport equip.)	...	...	...	...	...	...	...	...	...	...	...	...
2912	Pumps, compressors, taps and valves	...	...	...	...	...	...	...	...	...	...	...	...
2913	Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...	...	...	...	...
2914	Ovens, furnaces and furnace burners	...	...	...	...	...	...	...	...	...	...	...	...
2915	Lifting and handling equipment	...	...	...	...	...	...	...	...	...	...	...	...
2919	Other general purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
292	Special purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
2921	Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...	...	...	...
2922	Machine tools	...	...	...	...	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...

continued

Uganda

ISIC Revision 3 ISIC Industry	Number of establishments					Number of employees					Wages and salaries paid to employees				
	Note	(numbers)				Note	(numbers)				Note	(million SHILLINGS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		...	...	...	...		...	...	...	...		...	...	...	...
3110 Electric motors, generators and transformers		...	...	...	...		...	...	...	...		...	...	...	...
3120 Electricity distribution & control apparatus		...	...	...	...		...	...	...	...		...	...	...	...
3130 Insulated wire and cable		1	1	1	1		69	72	76	75		167.0	202.0	226.3	197.9
3140 Accumulators, primary cells and batteries		...	...	...	...		...	...	...	...		...	...	...	...
3150 Lighting equipment and electric lamps		...	...	...	...		...	...	...	...		...	...	...	...
3190 Other electrical equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3210 Electronic valves, tubes, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3220 TV/radio transmitters; line comm. apparatus		...	...	...	...		...	...	...	...		...	...	...	...
3230 TV and radio receivers and associated goods		...	...	...	...		...	...	...	...		...	...	...	...
331 Medical, measuring, testing appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3311 Medical, surgical and orthopaedic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3313 Industrial process control equipment		...	...	...	...		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3330 Watches and clocks		...	...	...	...		...	...	...	...		...	...	...	...
3410 Motor vehicles		...	...	...	...		...	...	...	...		...	...	...	...
3420 Automobile bodies, trailers & semi-trailers		...	...	...	...		...	...	...	...		...	...	...	...
3430 Parts/accessories for automobiles		2	2	2	1		83	79	76	71		175.2	166.6	324.8	319.4
351 Building and repairing of ships and boats		...	...	...	...		...	...	...	...		...	...	...	...
3511 Building and repairing of ships		...	...	...	...		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		...	...	...	...		...	...	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		...	...	...	...		...	...	...	...		...	...	...	...
3530 Aircraft and spacecraft		...	...	...	...		...	...	...	...		...	...	...	...
359 Transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3591 Motorcycles		...	...	...	...		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		...	...	...	...		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3610 Furniture		...	...	...	...		...	...	...	...		...	...	...	...
369 Manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3691 Jewellery and related articles		...	...	...	...		...	...	...	...		...	...	...	...
3692 Musical instruments		...	...	...	...		...	...	...	...		...	...	...	...
3693 Sports goods		...	...	...	...		...	...	...	...		...	...	...	...
3694 Games and toys		...	...	...	...		...	...	...	...		...	...	...	...
3699 Other manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3710 Recycling of metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
3720 Recycling of non-metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
D Total manufacturing		...	...	...	...		...	...	...	...		...	...	...	...

a/ 1514 includes 2424.

b/ 1549 includes 1541 and 1542.

## Uganda

ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	Note	(million SHILLINGS)				Note	(million SHILLINGS)				Note	(million SHILLINGS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
ISIC Industry													
151 Processed meat, fish, fruit, vegetables, fats		...	...	...	...		...	...	...	...		...	...
1511 Processing/preserving of meat		...	...	...	...		9130	10006	12973	...		...	...
1512 Processing/preserving of fish		...	...	...	...		10935	18414	20574	...		...	...
1513 Processing/preserving of fruit & vegetables		...	...	...	...		...a/	...a/	...a/	...		...	...
1514 Vegetable and animal oils and fats		...	...	...	...		8948	9616	13841	...		...	...
1520 Dairy products		...	...	...	...		5445	6021	8336	...		...	...
153 Grain mill products; starches; animal feeds		...	...	...	...		...	...	...	...		...	...
1531 Grain mill products		...	...	...	...		6477	6345	7475	...		...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...
1533 Prepared animal feeds		...	...	...	...		1881	1591	2312	...		...	...
154 Other food products		...	...	...	...		...	...	...	...		...	...
1541 Bakery products		...	...	...	...		7693	9114	11634	...		...	...
1542 Sugar		...	...	...	...		15546b/	22337b/	25950b/	...		...	...
1543 Cocoa, chocolate and sugar confectionery		...	...	...	...		...b/	...b/	...b/	...		...	...
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...
1549 Other food products n.e.c.		...	...	...	...		1126a/	1233a/	1458a/	...		...	...
155 Beverages		...	...	...	...		...	...	...	...		...	...
1551 Distilling, rectifying & blending of spirits		...	...	...	...		26677c/	32988c/	45602c/	...		...	...
1552 Wines		...	...	...	...		...c/	...c/	...c/	...		...	...
1553 Malt liquors and malt		...	...	...	...		...c/	...c/	...c/	...		...	...
1554 Soft drinks; mineral waters		...	...	...	...		13305	13980	11617	...		...	...
1600 Tobacco products		...	...	...	...		11153	11966	12928	...		...	...
171 Spinning, weaving and finishing of textiles		...	...	...	...		...	...	...	...		...	...
1711 Textile fibre preparation; textile weaving		...	...	...	...		3100	1643	3197	...		...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...
172 Other textiles		...	...	...	...		...	...	...	...		...	...
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...	...
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...
1723 Cordage, rope, twine and netting		...	...	...	...		8034	10401	13187	...		...	...
1729 Other textiles n.e.c.		...	...	...	...		...d/	...d/	...d/	...		...	...
1730 Knitted and crocheted fabrics and articles		...	...	...	...		4273d/	4276d/	4467d/	...		...	...
1810 Wearing apparel, except fur apparel		...	...	...	...		...d/	...d/	...d/	...		...	...
1820 Dressing & dyeing of fur; processing of fur		...	...	...	...		...	...	...	...		...	...
191 Tanning, dressing and processing of leather		...	...	...	...		1680e/	2974e/	1624e/	...		...	...
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...		...	...
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...	...
1920 Footwear		...	...	...	...		...e/	...e/	...e/	...		...	...
2010 Sawmilling and planing of wood		...	...	...	...		8912	10283	13614	...		...	...
202 Products of wood, cork, straw, etc.		...	...	...	...		...	...	...	...		...	...
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...		...	...	...	...		...	...
2022 Builders' carpentry and joinery		...	...	...	...		...	...	...	...		...	...
2023 Wooden containers		...	...	...	...		...	...	...	...		...	...
2029 Other wood products; articles of cork/straw		...	...	...	...		...	...	...	...		...	...
210 Paper and paper products		...	...	...	...		3505	5058	4622	...		...	...
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...	...
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...
221 Publishing		...	...	...	...		7114	10775	14116	...		...	...
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...

continued

## Uganda

ISIC Revision 3	Output				Value added				Gross fixed capital formation				
	Note	(million SHILLINGS)				Note	(million SHILLINGS)				(million SHILLINGS)		
		1995	1996	1997	1998		1995	1996	1997	1998	1997	1998	
ISIC Industry													
222 Printing and related service activities		...	...	...	...		...	...	...	...		...	...
2221 Printing		...	...	...	...		...	...	...	...		...	...
2222 Service activities related to printing		...	...	...	...		...	...	...	...		...	...
2230 Reproduction of recorded media		...	...	...	...		4655	5311	5642	...		...	...
2310 Coke oven products		...	...	...	...		...	...	...	...		...	...
2320 Refined petroleum products		...	...	...	...		...	...	...	...		...	...
2330 Processing of nuclear fuel		...	...	...	...		...	...	...	...		...	...
241 Basic chemicals		...	...	...	...		...	...	...	...		...	...
2411 Basic chemicals, except fertilizers		...	...	...	...		1662	1482	1556	...		...	...
2412 Fertilizers and nitrogen compounds		...	...	...	...		...	...	...	...		...	...
2413 Plastics in primary forms; synthetic rubber		...	...	...	...		...	...	...	...		...	...
242 Other chemicals		...	...	...	...		...	...	...	...		...	...
2421 Pesticides and other agro-chemical products		...	...	...	...		...	...	...	...		...	...
2422 Paints, varnishes, printing ink and mastics		...	...	...	...		2385	2282	2839	...		...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		...	...	...	...		1918	1494	3317	...		...	...
2424 Soap, cleaning & cosmetic preparations		...	...	...	...		11638	16294	22240	...		...	...
2429 Other chemical products n.e.c.		...	...	...	...		...	...	...	...		...	...
2430 Man-made fibres		...	...	...	...		...	...	...	...		...	...
251 Rubber products		...	...	...	...		...	...	...	...		...	...
2511 Rubber tyres and tubes		...	...	...	...		927	1375	1444	...		...	...
2519 Other rubber products		...	...	...	...		...	...	...	...		...	...
2520 Plastic products		...	...	...	...		2825	3362	4150	...		...	...
2610 Glass and glass products		...	...	...	...		...	...	...	...		...	...
269 Non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...		...	...
2691 Pottery, china and earthenware		...	...	...	...		9277	11626	18186	...		...	...
2692 Refractory ceramic products		...	...	...	...		...	...	...	...		...	...
2693 Struct.non-refractory clay; ceramic products		...	...	...	...		...	...	...	...		...	...
2694 Cement, lime and plaster		...	...	...	...		...	...	...	...		...	...
2695 Articles of concrete, cement and plaster		...	...	...	...		4179	9927	18531	...		...	...
2696 Cutting, shaping & finishing of stone		...	...	...	...		...	...	...	...		...	...
2699 Other non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...		...	...
2710 Basic iron and steel		...	...	...	...		...	...	...	...		...	...
2720 Basic precious and non-ferrous metals		...	...	...	...		...	...	...	...		...	...
273 Casting of metals		...	...	...	...		...	...	...	...		...	...
2731 Casting of iron and steel		...	...	...	...		41557	35342	40665	...		...	...
2732 Casting of non-ferrous metals		...	...	...	...		...	...	...	...		...	...
281 Struct.metal products;tanks;steam generators		...	...	...	...		...	...	...	...		...	...
2811 Structural metal products		...	...	...	...		...	...	...	...		...	...
2812 Tanks, reservoirs and containers of metal		...	...	...	...		...	...	...	...		...	...
2813 Steam generators		...	...	...	...		...	...	...	...		...	...
289 Other metal products; metal working services		...	...	...	...		...	...	...	...		...	...
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	...		...	...	...	...		...	...
2892 Treatment & coating of metals		...	...	...	...		...	...	...	...		...	...
2893 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...		...	...
2899 Other fabricated metal products n.e.c.		...	...	...	...		...	...	...	...		...	...
291 General purpose machinery		...	...	...	...		...	...	...	...		...	...
2911 Engines & turbines(not for transport equip.)		...	...	...	...		...	...	...	...		...	...
2912 Pumps, compressors, taps and valves		...	...	...	...		...	...	...	...		...	...
2913 Bearings, gears, gearing & driving elements		...	...	...	...		...	...	...	...		...	...
2914 Ovens, furnaces and furnace burners		...	...	...	...		...	...	...	...		...	...
2915 Lifting and handling equipment		...	...	...	...		...	...	...	...		...	...
2919 Other general purpose machinery		...	...	...	...		...	...	...	...		...	...

292	Special purpose machinery	...	...	...	...	...	...	...	...	...
2921	Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...
2922	Machine tools	...	...	...	...	...	...	...	...	...
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	...	...	...	...	...	...	...
2925	Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...
2926	Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...
2927	Weapons and ammunition	...	...	...	...	...	...	...	...	...
2929	Other special purpose machinery	...	...	...	...	...	...	...	...	...
2930	Domestic appliances n.e.c.	...	...	...	...	...	...	...	...	...
3000	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...
3110	Electric motors, generators and transformers	...	...	...	11897	17650	13681	...	...	...
3120	Electricity distribution & control apparatus	...	...	...	...	...	...	...	...	...
3130	Insulated wire and cable	...	...	...	...	...	...	...	...	...
3140	Accumulators, primary cells and batteries	...	...	...	...	...	...	...	...	...
3150	Lighting equipment and electric lamps	...	...	...	...	...	...	...	...	...
3190	Other electrical equipment n.e.c.	...	...	...	...	...	...	...	...	...
3210	Electronic valves, tubes, etc.	...	...	...	...	...	...	...	...	...
3220	TV/radio transmitters; line comm. apparatus	...	...	...	...	...	...	...	...	...
3230	TV and radio receivers and associated goods	...	...	...	...	...	...	...	...	...
331	Medical, measuring, testing appliances, etc.	...	...	...	...	...	...	...	...	...
3311	Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...
3312	Measuring/testing/navigation appliances, etc.	...	...	...	...	...	...	...	...	...
3313	Industrial process control equipment	...	...	...	...	...	...	...	...	...
3320	Optical instruments & photographic equipment	...	...	...	...	...	...	...	...	...
3330	Watches and clocks	...	...	...	...	...	...	...	...	...
3410	Motor vehicles	...	...	...	...	...	...	...	...	...
3420	Automobile bodies, trailers & semi-trailers	...	...	...	...	...	...	...	...	...
3430	Parts/accessories for automobiles	...	...	...	...	...	...	...	...	...
351	Building and repairing of ships and boats	...	...	...	...	...	...	...	...	...
3511	Building and repairing of ships	...	...	...	...	...	...	...	...	...
3512	Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...
3520	Railway/tramway locomotives & rolling stock	...	...	...	...	...	...	...	...	...
3530	Aircraft and spacecraft	...	...	...	...	...	...	...	...	...
359	Transport equipment n.e.c.	...	...	...	...	...	...	...	...	...
3591	Motorcycles	...	...	...	...	...	...	...	...	...
3592	Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...
3599	Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...
3610	Furniture	...	...	...	8021	9531	12863	...	...	...
369	Manufacturing n.e.c.	...	...	...	...	...	...	...	...	...
3691	Jewellery and related articles	...	...	...	...	...	...	...	...	...
3692	Musical instruments	...	...	...	...	...	...	...	...	...
3693	Sports goods	...	...	...	...	...	...	...	...	...
3694	Games and toys	...	...	...	...	...	...	...	...	...
3699	Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	...
3710	Recycling of metal waste and scrap	...	...	...	...	...	...	...	...	...
3720	Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	...	...	...	...	...	...	...

- a/ 1549 includes 1513.
- b/ 1542 includes 1543.
- c/ 1551 includes 1552 and 1553.
- d/ 1730 includes 1729 and 1810.
- e/ 191 includes 1920.



## Uganda

ISIC Revision 3	Index numbers of industrial production													
	ISIC Industry	Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
15	Food and beverages		...	...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products		...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles		115	117	126	100	92	93	79	62	71	55	127	119
18	Wearing apparel, fur		21	78	88	100	116	104	81	50	46	28	18	7
19	Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)		172	166	106	100	100	138	176	184	193	208	224	259
21	Paper and paper products	a/	32	55	75	100	123	133	164	220	271	126	342	395
22	Printing and publishing	a/	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products		54	61	89	100	105	137	185	209	279	278	423	506
25	Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products		65	61	71	100	105	132	169	161	238	427	682	744
27	Basic metals		...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	b/	90	91	129	100	74	109	320	379	401	510	421	281
32	Radio, television and communication equipment	b/	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	c/	44	46	73	100	133	146	189	202	189	258	226	256
35	Other transport equipment	c/	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		64	80	93	100	115	123	139	167	213	247	293	323

a/ 21 includes 22.

b/ 31 includes 32.

c/ 34 includes 35.

## UKRAINE

<p><b>Supplier of information:</b> State Statistics Committee of the Ukraine, Kiev.</p> <p><b>Basic source of data:</b> Annual statistical reports of enterprises.</p> <p><b>Major deviations from ISIC (Revision 2):</b> Data collected under the national classification system have been reclassified by the national authorities to correspond approximately to ISIC (Rev. 2).</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> All establishments.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b></p>
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## Ukraine

ISIC Revision 2 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(thousand HRYVNIAS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		29802	30944	35151	34683		556	532	500	513		535895	980855	994249	985503
3111 Slaughtering, preparing & preserving meat		6795	6931	7610	7465		86	75	68	71		70362	116179	113325	98570
3112 Dairy products		1207	1352	1625	1682		91	70	64	66		82785	131425	124446	135522
3113 Canning, preserving of fruits & vegetables		1732	1463	1454	1255		49	41	36	37		24132	32634	32130	34330
3114 Canning, preserving and processing of fish		280	319	373	360		2	7	7	3		1752	7679	8159	5275
3115 Vegetable and animal oils and fats		2739	3099	3580	3664		16	16	16	23		21231	47808	44486	53173
3116 Grain mill products		10851	11633	12360	11856		29	26	23	40		23445	78227	78221	82631
3117 Bakery products		2663	3221	5010	5534		104	100	97	100		106292	208505	239511	234647
3118 Sugar factories and refineries		196	196	205	215		106	103	98	92		133585	190800	171259	162243
3119 Cocoa, chocolate and sugar confectionery		196	196	315	341		48	33	34	34		42394	69394	84259	93701
3121 Other food products		110	129	194	180		22	58	54	44		21503	126345	92057	78554
3122 Prepared animal feeds		3033	2405	2425	2131		3	3	3	3		2620	6183	6397	6858
313 Beverages		857	803	1233	1201		61	63	62	67		75520	182604	197267	193095
3131 Distilling, rectifying and blending spirits		146	134	180	195		22	23	23	24		31556	86778	74492	54531
3132 Wine industries		322	310	401	306		14	14	14	16		15589	34615	46582	46479
3133 Malt liquors and malt		...	...	...	...		17	17	17	17		21891	46737	60944	70554
3134 Soft drinks and carbonated waters		297	266	508	546		8	9	8	10		6492	14475	15249	21531
314 Tobacco		14	19	25	27		3	7	7	7		3424	31539	38360	58821
321 Textiles		563	503	731	654		151	133	118	108		82482	114073	108528	96411
3211 Spinning, weaving and finishing textiles		393	351	338	257		83	75	62	63		50517	69981	67914	59190
3212 Made-up textile goods excl. wearing apparel		34	33	58	57		11	9	9	8		5141	7938	7950	8069
3213 Knitting mills		68	73	241	247		48	40	35	30		20425	25133	21344	18912
3214 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	...	...
3215 Cordage, rope and twine		44	23	29	23		2	2	2	2		1664	3779	3680	2801
3219 Other textiles		24	23	65	70		7	4	10	5		4817	3709	7640	7438
322 Wearing apparel, except footwear		1162	1015	2109	2068		120	115	108	105		58882	94713	101528	125887
323 Leather and fur products		75	72	187	155		16	15	14	13		10339	16356	19013	16969
3231 Tanneries and leather finishing		...	...	...	...		...	...	...	...		...	...	...	...
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...	...	...
3233 Leather prods. excl. wearing apparel		24	24	86	76		...	...	...	...		...	...	...	...
324 Footwear, except rubber or plastic		95	101	488	452		58	48	42	36		27715	35078	32119	26354
331 Wood products, except furniture		13753	12949	14061	14244		52	48	48	76		31549	46219	51905	83243
3311 Sawmills, planing and other wood mills		12883	12122	13159	13422		32	23	22	28		19860	23216	25139	31745
3312 Wooden and cane containers		674	456	418	328		5	4	3	2		3080	4092	2940	1459
3319 Other wood and cork products		196	371	484	494		15	21	23	46		8545	18885	23826	50039
332 Furniture and fixtures, excl. metal		335	324	949	954		92	79	68	62		48057	63785	60867	61521
341 Paper and products		80	69	197	236		23	23	21	20		22386	41763	40151	41214
3411 Pulp, paper and paperboard articles		23	23	32	44		18	17	17	16		18356	34296	32884	32929
3412 Containers of paper and paperboard		42	31	83	85		2	3	2	2		1249	3094	2726	3229
3419 Other pulp, paper and paperboard articles		15	15	82	107		3	3	2	2		2953	4373	4540	5057
342 Printing and publishing		554	553	1613	1746		30	28	27	23		30132	59731	64280	63833
351 Industrial chemicals		88	84	239	280		164	161	140	132		156613	303202	298772	296093
3511 Basic chemicals excl. fertilizers		...	...	...	...		48	46	43	39		46581	80652	80693	76431
3512 Fertilizers and pesticides		13	15	27	29		93	94	79	76		90117	190317	188603	188602
3513 Synthetic resins and plastic materials		10	10	41	45		23	21	18	17		19872	32233	29477	31060
352 Other chemicals		154	166	672	759		43	44	42	41		42100	92960	105586	112067
3521 Paints, varnishes and lacquers		55	52	179	191		11	11	11	10		13555	27375	26917	26965
3522 Drugs and medicines		49	49	197	259		14	14	15	15		16469	41162	55385	57728
3523 Soap, cleaning preps., perfumes, cosmetics		22	24	89	105		3	3	2	3		2751	4516	5346	5496
3529 Other chemical products		...	...	...	...		15	16	14	13		9576	18908	17938	21878
353 Petroleum refineries		10	12	51	99		17	17	17	17		35678	69457	69074	78685

354	Misc. petroleum and coal products	670	720	703	722	47	48	43	42	63388	126266	124913	133093
355	Rubber products	37	38	149	185	35	32	30	29	35133	68863	79902	78300
3551	Tyres and tubes	13	13	34	59	18	17	17	17	21012	46407	54758	54138
3559	Other rubber products	24	25	115	126	17	15	13	12	14272	22456	25144	24162
356	Plastic products	64	75	706	781	12	11	13	15	6676	11469	15321	20666
361	Pottery, china, earthenware	28	34	118	135	23	23	21	22	17650	29015	29351	32140
362	Glass and products	63	62	192	228	50	46	39	38	37380	64675	66105	71038
369	Other non-metallic mineral products	4108	3595	4362	4444	268	235	206	197	249626	342461	336514	354032
3691	Structural clay products	35	41	96	...	10	9	8	7	10039	14296	14705	13583
3692	Cement, lime and plaster	15	15	25	1	16	15	14	15	22216	30678	31230	35669
3699	Other non-metallic mineral products	...	...	...	...	242	211	184	175	217539	297487	290580	304780
371	Iron and steel	61	69	161	188	271	277	292	292	371606	783258	940134	967776
372	Non-ferrous metals	28	37	144	159	24	41	26	40	30531	109206	75977	128513
381	Fabricated metal products	14405	14181	17398	17913	320	285	253	320	273830	447903	418257	521196
3811	Cutlery, hand tools and general hardware	536	480	1049	1168	55	51	49	41	46675	67419	68712	68631
3812	Furniture and fixtures primarily of metal	61	59	108	104	19	18	16	11	11320	20640	19539	18360
3813	Structural metal products	315	310	440	389	22	21	17	16	19673	35632	29122	24583
3819	Other fabricated metal products	13493	13332	15801	16252	224	195	171	252	196278	324213	300885	409622
382	Non-electrical machinery	635	652	1686	1870	487	444	406	363	346958	578682	606897	591757
3821	Engines and turbines	5	5	10	10	10	13	12	11	6449	21732	21455	24731
3822	Agricultural machinery and equipment	119	119	212	230	137	124	112	95	83285	146478	148685	142709
3823	Metal and wood working machinery	112	123	350	393	57	48	46	42	38755	61052	61161	56246
3824	Other special industrial machinery	346	351	835	910	197	183	169	155	166473	269997	276752	268076
3825	Office, computing and accounting machinery	17	17	199	239	23	19	16	12	11600	13502	11067	8107
3829	Other non-electrical machinery & equipment	36	37	80	88	63	57	51	48	40393	65922	87776	91889
383	Electrical machinery	196	205	626	654	168	152	142	128	111767	180555	180087	180616
3831	Electrical industrial machinery	176	181	548	558	147	136	128	117	104235	168941	168526	166169
3832	Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...	...	...
3833	Electrical appliances and housewares	20	24	78	96	21	16	14	11	7600	11614	11561	14447
3839	Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...	...	...	...
384	Transport equipment	140	145	484	529	298	276	240	220	256006	407522	382813	413298
3841	Shipbuilding and repairing	54	55	176	198	97	96	80	69	95995	176897	139261	129065
3842	Railroad equipment	17	18	47	48	53	49	43	43	49462	77847	76858	77678
3843	Motor vehicles	46	48	213	226	76	67	57	49	63658	65509	62875	92037
3844	Motorcycles and bicycles	3	4	18	21	7	4	3	4	2585	3117	3160	5247
3845	Aircraft	20	20	30	36	65	60	57	55	44585	85152	100659	109271
3849	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
385	Professional and scientific equipment	121	123	349	416	117	94	92	84	53436	78769	99860	98143
3851	Prof. and scientific equipment n.e.c.	104	106	312	384	84	67	68	63	38072	53591	67861	65754
3852	Photographic and optical goods	17	17	37	32	33	27	24	21	15361	25177	31999	32388
3853	Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...
390	Other manufacturing industries	...	...	...	...	113	107	103	55	96547	172835	194435	108308
3901	Jewellery and related articles	6	6	37	45	7	7	7	6	8826	16580	15666	16009
3902	Musical instruments	12	14	24	26	2	2	2	1	1065	1689	1683	1005
3903	Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...
3909	Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
3	Total manufacturing	68583	68037	86148	87220	3619	3384	3332	3290	3284815	5786816	5939588	6215030

## Ukraine

ISIC Revision 2	Output in factor values				Value added				Gross fixed capital formation				
	ISIC Industry	Note	(million HRYVNIAS)				Note	(million HRYVNIAS)				(thousand HRYVNIAS)	
			1995	1996	1997	1998		1995	1996	1997	1998	1997	1998
311/2 Food products		9140.1	12126.2	12221.2	10995.0		...	...	...	...	-458577	519032	
3111 Slaughtering, preparing & preserving meat		1962.3	2590.0	2436.1	2211.9		...	...	...	...	-117418	10444	
3112 Dairy products		1555.3	1780.6	1567.1	1830.6		...	...	...	...	17623	71419	
3113 Canning, preserving of fruits & vegetables		287.9	277.7	294.7	315.6		...	...	...	...	-65706	-30190	
3114 Canning, preserving and processing of fish		227.7	298.8	301.5	101.1		...	...	...	...	1765	-82700	
3115 Vegetable and animal oils and fats		479.7	606.6	552.4	670.0		...	...	...	...	-26663	90145	
3116 Grain mill products		1166.0	1920.7	1676.1	1199.9		...	...	...	...	43715	57117	
3117 Bakery products		1314.0	2018.9	2207.1	1974.8		...	...	...	...	57738	81183	
3118 Sugar factories and refineries		1135.1	1073.9	1617.1	975.6		...	...	...	...	111633	123383	
3119 Cocoa, chocolate and sugar confectionery		479.9	679.5	810.4	1049.7		...	...	...	...	60092	64439	
3121 Other food products		68.5	91.1	127.0	170.2		...	...	...	...	14707	123426	
3122 Prepared animal feeds		463.7	788.4	631.7	495.6		...	...	...	...	5097	10366	
313 Beverages		869.5	1690.8	1986.0	1978.9		...	...	...	...	219601	263202	
3131 Distilling, rectifying and blending spirits		380.7	797.1	688.1	491.3		...	...	...	...	92023	36770	
3132 Wine industries		212.4	390.9	584.2	595.8		...	...	...	...	20456	60136	
3133 Malt liquors and malt		...	...	...	...		...	...	...	...	...	...	
3134 Soft drinks and carbonated waters		51.9	107.8	204.2	259.8		...	...	...	...	36767	34498	
314 Tobacco		41.0	304.0	536.1	800.0		...	...	...	...	42012	56120	
321 Textiles		835.4	721.5	613.0	472.7		...	...	...	...	-71595	30819	
3211 Spinning, weaving and finishing textiles		597.6	501.6	380.4	273.6		...	...	...	...	-44601	57331	
3212 Made-up textile goods excl. wearing apparel		30.1	31.9	30.8	30.2		...	...	...	...	-5149	-6423	
3213 Knitting mills		135.1	113.8	93.2	82.3		...	...	...	...	-21287	-23298	
3214 Carpets and rugs		...	...	...	...		...	...	...	...	...	...	
3215 Cordage, rope and twine		14.2	18.9	21.7	14.1		...	...	...	...	272	241	
3219 Other textiles		58.4	55.3	86.8	72.4		...	...	...	...	-3054	2968	
322 Wearing apparel, except footwear		286.6	314.5	411.5	499.6		...	...	...	...	8948	2509	
323 Leather and fur products		125.3	140.9	145.5	145.7		...	...	...	...	3493	3314	
3231 Tanneries and leather finishing		...	...	...	...		...	...	...	...	...	...	
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...	...	...	
3233 Leather prods. excl. wearing apparel		8.5	6.1	13.3	10.6		...	...	...	...	1115	659	
324 Footwear, except rubber or plastic		192.5	173.9	163.6	154.3		...	...	...	...	-27037	-34154	
331 Wood products, except furniture		264.2	355.4	433.4	544.3		...	...	...	...	-17894	29889	
3311 Sawmills, planing and other wood mills		198.2	298.3	362.8	432.1		...	...	...	...	-2245	21935	
3312 Wooden and cane containers		23.5	20.5	12.0	9.2		...	...	...	...	-7065	779	
3319 Other wood and cork products		42.5	36.6	58.6	103.0		...	...	...	...	-8584	7175	
332 Furniture and fixtures, excl. metal		338.3	329.3	362.1	345.0		...	...	...	...	-25156	-6200	
341 Paper and products		353.8	435.9	411.3	550.7		...	...	...	...	27163	-58313	
3411 Pulp, paper and paperboard articles		306.3	382.2	339.4	433.2		...	...	...	...	22024	-72498	
3412 Containers of paper and paperboard		19.2	22.3	31.5	37.2		...	...	...	...	327	656	
3419 Other pulp, paper and paperboard articles		28.4	31.4	40.5	80.2		...	...	...	...	4812	13529	
342 Printing and publishing		154.6	223.0	377.4	475.8		...	...	...	...	26696	3125	
351 Industrial chemicals		2685.8	3111.0	2705.3	2741.1		...	...	...	...	-548623	-537808	
3511 Basic chemicals excl. fertilizers		...	...	...	...		...	...	...	...	...	...	
3512 Fertilizers and pesticides		1544.7	2139.4	1828.1	1872.3		...	...	...	...	-97870	-349140	
3513 Synthetic resins and plastic materials		156.4	165.7	146.1	410.5		...	...	...	...	-6848	-81304	
352 Other chemicals		638.8	885.8	1097.5	1238.5		...	...	...	...	-20433	193817	
3521 Paints, varnishes and lacquers		293.5	333.1	307.0	332.4		...	...	...	...	-30858	15419	
3522 Drugs and medicines		216.9	396.9	535.0	612.7		...	...	...	...	14527	62235	
3523 Soap, cleaning preps., perfumes, cosmetics		33.7	40.4	76.9	99.6		...	...	...	...	-2506	1779	
3529 Other chemical products		...	...	...	...		...	...	...	...	...	...	
353 Petroleum refineries		996.8	1180.4	1642.1	1926.7		...	...	...	...	113886	103089	

354	Misc. petroleum and coal products	1366.8	1241.5	1088.8	1153.3	...	...	...	...	-19767	69676
355	Rubber products	749.6	1110.3	1037.9	1151.7	...	...	...	...	7114	-235430
3551	Tyres and tubes	593.1	933.6	854.2	976.4	...	...	...	...	20648	-232612
3559	Other rubber products	156.4	176.7	183.7	175.3	...	...	...	...	-13534	-2818
356	Plastic products	59.1	66.1	201.7	269.6	...	...	...	...	68255	38403
361	Pottery, china, earthenware	85.3	108.8	113.7	131.0	...	...	...	...	1946	3733
362	Glass and products	300.6	408.3	401.1	433.4	...	...	...	...	-96356	56933
369	Other non-metallic mineral products	2196.7	2321.7	2386.1	2517.4	...	...	...	...	188556	-27169
3691	Structural clay products	56.7	72.0	68.4	84.4	...	...	...	...	-27418	-4823
3692	Cement, lime and plaster	322.0	332.4	352.0	402.2	...	...	...	...	5075	27821
3699	Other non-metallic mineral products	...	...	...	...	...	...	...	...	...	...
371	Iron and steel	8995.4	11867.4	12832.4	14525.4	...	...	...	...	602708	1189689
372	Non-ferrous metals	725.7	807.6	867.8	1060.4	...	...	...	...	41942	-106014
381	Fabricated metal products	1991.2	2615.1	2951.2	2918.6	...	...	...	...	-165870	90420
3811	Cutlery, hand tools and general hardware	488.6	534.4	597.7	633.3	...	...	...	...	2052	-42608
3812	Furniture and fixtures primarily of metal	54.4	74.5	42.0	33.1	...	...	...	...	13780	-17998
3813	Structural metal products	151.3	180.4	200.3	144.2	...	...	...	...	-17930	90047
3819	Other fabricated metal products	1296.9	1825.8	2111.3	2108.1	...	...	...	...	-163772	60979
382	Non-electrical machinery	2351.0	2881.1	3447.3	3837.9	...	...	...	...	-443807	-235541
3821	Engines and turbines	101.9	162.7	173.0	427.8	...	...	...	...	2041	-413
3822	Agricultural machinery and equipment	623.1	791.3	777.1	831.0	...	...	...	...	-359539	-7879
3823	Metal and wood working machinery	158.8	187.0	213.5	212.4	...	...	...	...	-18312	-47902
3824	Other special industrial machinery	1168.5	1417.9	1605.3	1622.0	...	...	...	...	-41901	-100270
3825	Office, computing and accounting machinery	55.0	44.8	119.4	68.0	...	...	...	...	-2613	-60709
3829	Other non-electrical machinery & equipment	243.7	277.5	559.0	676.8	...	...	...	...	-23483	-18368
383	Electrical machinery	873.3	1037.4	1177.6	1251.3	...	...	...	...	-21923	-30690
3831	Electrical industrial machinery	840.6	985.9	1119.3	1170.2	...	...	...	...	-602	-14052
3832	Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...
3833	Electrical appliances and housewares	32.7	51.5	58.3	81.2	...	...	...	...	-21321	-16638
3839	Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...	...
384	Transport equipment	2109.1	1834.7	1947.5	2303.3	...	...	...	...	-76953	-375297
3841	Shipbuilding and repairing	516.3	559.5	437.9	293.6	...	...	...	...	-174089	-152390
3842	Railroad equipment	533.0	586.5	502.2	504.7	...	...	...	...	47367	557
3843	Motor vehicles	741.2	386.5	431.9	919.7	...	...	...	...	55022	-201224
3844	Motorcycles and bicycles	12.7	14.6	18.2	19.7	...	...	...	...	-565	-2065
3845	Aircraft	305.9	287.6	557.2	565.5	...	...	...	...	-4688	-20175
3849	Other transport equipment	...	...	...	...	...	...	...	...	...	...
385	Professional and scientific equipment	230.4	296.2	384.2	343.0	...	...	...	...	-120940	-120475
3851	Prof. and scientific equipment n.e.c.	180.4	225.3	287.4	250.8	...	...	...	...	-106357	-103819
3852	Photographic and optical goods	50.0	70.9	96.8	92.2	...	...	...	...	-14583	-16656
3853	Watches and clocks	...	...	...	...	...	...	...	...	...	...
390	Other manufacturing industries	...	...	...	...	...	...	...	...	-2966	...
3901	Jewellery and related articles	71.5	60.0	54.6	68.0	...	...	...	...	-4130	528
3902	Musical instruments	4.8	6.1	6.5	2.6	...	...	...	...	1164	-14595
3903	Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...
3909	Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...	...	...
3	Total manufacturing	40505.3	50326.3	54004.1	56736.8	...	...	...	...	-1346081	362291

## Ukraine

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products	a/	94	94	97	100	88	77	72	61	54	...	...	...
313 Beverages	a/	...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco		109	113	110	100	104	102	64	64	61	...	...	...
321 Textiles		92	97	101	100	97	100	82	43	28	...	...	...
322 Wearing apparel, except footwear		95	96	98	100	105	118	108	80	52	...	...	...
323 Leather and fur products	b/	67	93	96	100	100	117	107	52	30	...	...	...
324 Footwear, except rubber or plastic	b/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		93	97	101	100	93	83	86	64	49	...	...	...
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		84	89	93	100	111	110	84	48	43	...	...	...
342 Printing and publishing		80	86	94	100	157	235	363	298	281	...	...	...
351 Industrial chemicals	c/	96	100	102	100	93	84	66	51	45	...	...	...
352 Other chemicals	c/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	d/	102	103	103	100	89	73	53	38	37	...	...	...
354 Misc. petroleum and coal products	d/	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	e/	91	95	99	100	85	85	71	40	34	...	...	...
356 Plastic products	e/	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	f/	92	97	103	100	102	100	86	57	46	...	...	...
362 Glass and products	f/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	f/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	g/	102	104	104	100	92	83	65	42	39	...	...	...
372 Non-ferrous metals	g/	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		95	99	100	100	110	120	123	67	48	...	...	...
382 Non-electrical machinery		84	84	90	100	100	119	127	104	85	...	...	...
383 Electrical machinery		84	92	97	100	104	97	100	58	47	...	...	...
384 Transport equipment		91	96	98	100	102	98	104	72	57	...	...	...
385 Professional and scientific equipment		81	86	96	100	106	113	119	81	59	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		93	95	99	100	96	94	87	63	52	...	...	...

a/ 311/2 includes 313.

b/ 323 includes 324.

c/ 351 includes 352.

d/ 353 includes 354.

e/ 355 includes 356.

f/ 361 includes 362 and 369.

g/ 371 includes 372.

## UNITED KINGDOM

**Supplier of information:**

Department of Trade and Industry, London.  
Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.

**Basic source of data:**

Annual census of production.

**Major deviations from ISIC (Revision 3):**

None reported.

**Reference period (if not calendar year):****Scope:**

Establishments employing 20 or more persons.

**Method of enumeration:**

Not reported.

**Adjusted for non-response:**

Yes.

**Concepts and definitions of variables:**

Wages and salaries includes all overtime payments, bonuses, commissions, holiday pay and redundancy payments less any amounts reimbursed from government sources. No deduction is made for income tax, insurance, contributory pensions, etc. Payments in kind, travelling expenses, lodging allowances, etc. are excluded.

Output relates to gross output and is calculated by adjusting the value of total sales, work done and services rendered, by the net changes during the year of work in progress and stocks of finished goods. Total sales represents deliveries on sale of goods produced by establishments and includes sales of goods made from materials given out by them to other organizations or to outworkers. The value of sales is the amount charged to customers. Where products attract excise duty, the value is inclusive of duty if goods are sold "duty-paid", and exclusive of duty if goods are sold in bond or exported. Sales of fixed assets are excluded.

Value added represents gross value added in factor values and is defined as the value of gross output less the cost of purchases of materials for use in production and packaging, fuels, goods for merchanting or factoring and the cost of industrial and non-industrial services received. The value of purchases is adjusted for changes in stocks of materials, stores and fuel.

Gross fixed capital formation is the value of purchases of fixed assets less the value of sales of such assets. Valuation is at full cost incurred, including the cost of installation and certain fees and taxes (namely legal fees, stamp duty, agents' commissions, etc.), and is inclusive of any amounts received or expected to be received in grants and/or allowances from government sources, statutory bodies or local authorities. The value of capital goods produced for own use are included. The value of any assets acquired in taking over an existing business are excluded. The figures include non-deductible VAT but exclude deductible VAT.

**Related national publications:**



## United Kingdom

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million POUNDS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		2946	2630	2559	2405		190	174	170	...		2300	2325	2396	2446
1511 Processing/preserving of meat		1407	1294	1306	1234		116	113	114	...		1360	1442	1537	1595
1512 Processing/preserving of fish		341	368	395	393		23	19	17	...		232	213	218	229
1513 Processing/preserving of fruit & vegetables		1138	906	798	698		48	40	36	...		643	622	570	554
1514 Vegetable and animal oils and fats		60	62	60	80		3	3	2	...		65	48	72	68
1520 Dairy products		849	720	692	666		43	41	39	...		617	663	690	701
153 Grain mill products; starches; animal feeds		812	746	762	730		34	34	33	...		616	644	701	665
1531 Grain mill products		155	145	153	147		12	12	12	...		236	244	272	268
1532 Starches and starch products		11	14	11	7		1	1	1	...		31	31	28	28
1533 Prepared animal feeds		646	587	598	576		21	21	20	...		349	369	401	369
154 Other food products		3536	3450	3562	3687		199	186	184	...		2485	2586	3016	3058
1541 Bakery products		2791	2527	2480	2574		127	119	116	...		1366	1434	1667	1656
1542 Sugar		14	...	...	...		4	...	...	...		90	...	...	...
1543 Cocoa, chocolate and sugar confectionery		311	303	310	313		36	34	30	...		514	565	567	591
1544 Macaroni, noodles & similar products		32	20	28	27		1	3	3	...		16	45	52	75
1549 Other food products n.e.c.		384	...	...	...		29	...	...	...		495	...	...	...
155 Beverages		664	719	745	740		56	50	54	...		1101	1024	1113	1113
1551 Distilling, rectifying & blending of spirits		84	...	105	87		11	...	...	...		213	...	...	266
1552 Wines		117	92	116	115		3	2	2	...		68	456	49	73
1553 Malt liquors and malt		246	294	292	296		28	23	25	...		570	456	531	463
1554 Soft drinks; mineral waters		217	...	232	242		14	...	14	...		238	...	279	322
1600 Tobacco products		16	29	25	21		9	10	8	...		248	286	297	289
171 Spinning, weaving and finishing of textiles		1571	1558	1580	1525		65	64	60	...		799	861	846	840
1711 Textile fibre preparation; textile weaving		784	766	831	822		46	44	42	...		558	578	590	622
1712 Finishing of textiles		787	792	749	703		19	20	18	...		241	283	256	219
172 Other textiles		3680	3730	3720	3677		77	78	83	...		875	972	1159	1122
1721 Made-up textile articles, except apparel		1576	1856	1884	1921		36	35	37	...		331	368	410	484
1722 Carpets and rugs		409	360	375	350		18	18	18	...		254	264	280	281
1723 Cordage, rope, twine and netting		112	100	104	107		2	2	2	...		21	20	20	29
1729 Other textiles n.e.c.		1583	1414	1357	1299		21	24	27	...		269	321	450	328
1730 Knitted and crocheted fabrics and articles		1070	1059	1030	1003		54	52	48	...		572	587	560	535
1810 Wearing apparel, except fur apparel		8611	8324	8173	7591		182	159	162	...		1468	1446	1574	1509
1820 Dressing & dyeing of fur; processing of fur		61	53	39	39		1	1	1	...		7	6	6	4
191 Tanning, dressing and processing of leather		1036	928	816	746		16	13	13	...		180	152	152	159
1911 Tanning and dressing of leather		519	408	324	265		7	5	4	...		77	68	64	59
1912 Luggage, handbags, etc.; saddlery & harness		517	520	492	481		9	8	8	...		103	84	88	99
1920 Footwear		525	522	488	462		39	27	23	...		389	274	277	252
2010 Sawmilling and planing of wood		1492	1347	1268	1170		16	13	13	...		175	150	155	159
202 Products of wood, cork, straw, etc.		6764	7087	7293	7408		70	73	72	...		920	930	981	1066
2021 Veneer sheets, plywood, particle board, etc.		156	182	199	199		6	7	8	...		102	103	125	113
2022 Builders' carpentry and joinery		3699	4001	4302	4571		43	42	43	...		569	539	562	676
2023 Wooden containers		611	633	609	601		8	10	9	...		97	130	126	130
2029 Other wood products; articles of cork/straw		2298	2271	2183	2037		12	14	12	...		152	158	167	147
210 Paper and paper products		3209	3086	3053	2967		126	122	117	...		2095	2150	2129	2154
2101 Pulp, paper and paperboard		528	515	500	496		28	27	25	...		512	526	521	567
2102 Corrugated paper and paperboard		1146	1062	1038	1010		50	49	52	...		802	815	938	929
2109 Other articles of paper and paperboard		1535	1509	1515	1461		48	46	39	...		781	809	671	657
221 Publishing		7189	8027	8787	9122		151	142	147	...		2708	2908	2955	3200
2211 Publishing of books and other publications		2994	2917	2905	2797		37	31	31	...		610	619	647	701
2212 Publishing of newspapers, journals, etc.		3540	3259	3160	3025		104	100	106	...		1979	2122	2139	2264
2213 Publishing of recorded media		456	626	754	847		2	2	2	...		16	35	27	25
2219 Other publishing		199	1225	1968	2453		8	9	9	...		104	132	141	210

222 Printing and related service activities	18762	19296	19521	19405	197	194	175	...	3135	3464	3357	3569
2221 Printing	16153	16016	15550	14980	164	161	146	...	2637	2877	2825	2977
2222 Service activities related to printing	2609	3280	3971	4425	33	33	30	...	498	587	533	592
2230 Reproduction of recorded media	123	519	793	1011	6	7	8	...	119	168	190	148
2310 Coke oven products	33	29	22	17	...	1	1	...	...	11	10	8
2320 Refined petroleum products	387	260	234	230	13	14	13	...	345	355	317	354
2330 Processing of nuclear fuel	49	6	8	8	14	14	12	...	...	349	341	447
241 Basic chemicals	1531	1454	1418	1360	84	78	82	...	1716	1770	1893	1991
2411 Basic chemicals, except fertilizers	725	620	622	591	55	49	52	...	1197	...	1201	1320
2412 Fertilizers and nitrogen compounds	131	125	123	107	3	3	3	...	57	58	71	76
2413 Plastics in primary forms; synthetic rubber	675	709	673	662	26	26	27	...	413	572	621	595
242 Other chemicals	2996	2686	2690	2656	191	182	181	...	3860	3794	3915	3944
2421 Pesticides and other agro-chemical products	45	63	61	64	7	7	6	...	163	187	157	169
2422 Paints, varnishes, printing ink and mastics	658	551	596	580	28	27	30	...	489	518	561	562
2423 Pharmaceuticals, medicinal chemicals, etc.	582	511	477	473	77	65	68	...	1792	1540	1660	1648
2424 Soap, cleaning & cosmetic preparations	602	639	652	659	45	48	43	...	773	830	815	766
2429 Other chemical products n.e.c.	1109	922	904	880	34	35	35	...	643	720	722	799
2430 Man-made fibres	64	59	51	49	7	7	5	...	160	139	121	143
251 Rubber products	878	787	801	811	51	53	52	...	832	897	886	950
2511 Rubber tyres and tubes	95	100	124	144	21	20	20	...	406	402	391	410
2519 Other rubber products	783	687	677	667	30	33	32	...	426	495	495	540
2520 Plastic products	6023	6273	6462	6444	196	197	208	...	2781	2940	3210	3291
2610 Glass and glass products	1697	1485	1617	1645	45	39	38	...	616	610	628	617
269 Non-metallic mineral products n.e.c.	3551	3500	3635	3627	122	117	113	...	1821	1764	1856	1777
2691 Pottery, china and earthenware	746	800	778	757	37	37	33	...	458	498	451	416
2692 Refractory ceramic products	140	137	154	152	8	8	8	...	128	124	158	128
2693 Struct.non-refractory clay; ceramic products	423	408	422	444	17	14	13	...	276	213	210	232
2694 Cement, lime and plaster	123	107	108	95	7	6	6	...	137	136	135	136
2695 Articles of concrete, cement and plaster	866	891	959	980	33	31	35	...	501	490	560	553
2696 Cutting, shaping & finishing of stone	556	557	652	705	5	5	4	...	73	68	70	72
2699 Other non-metallic mineral products n.e.c.	697	600	562	494	15	15	14	...	247	235	272	240
2710 Basic iron and steel	875	935	1015	1001	67	68	72	...	1333	1376	1496	1554
2720 Basic precious and non-ferrous metals	1077	970	893	828	34	34	29	...	584	598	544	590
273 Casting of metals	818	846	825	830	38	38	37	...	584	611	629	626
2731 Casting of iron and steel	433	452	443	435	21	20	22	...	332	340	378	367
2732 Casting of non-ferrous metals	385	394	382	395	17	17	16	...	252	271	251	259
281 Struct.metal products;tanks;steam generators	4727	3802	4044	4184	96	94	95	...	1482	1548	1680	1896
2811 Structural metal products	4027	3203	3397	3531	66	70	72	...	967	1106	1193	1413
2812 Tanks, reservoirs and containers of metal	309	319	375	403	15	14	15	...	221	230	246	261
2813 Steam generators	391	280	272	250	15	10	9	...	294	211	241	222
289 Other metal products; metal working services	24294	24863	25151	25469	345	315	286	...	4665	4729	4540	4852
2891 Metal forging/pressing/stamping/roll-forming	1244	1221	1277	1316	40	36	39	...	595	524	594	618
2892 Treatment & coating of metals	13818	15044	15187	15498	142	145	130	...	1910	2180	2036	2174
2893 Cutlery, hand tools and general hardware	2695	2430	2483	2477	49	47	41	...	705	720	683	671
2899 Other fabricated metal products n.e.c.	6537	6168	6204	6178	114	87	76	...	1454	1305	1228	1389
291 General purpose machinery	7106	6507	6762	6652	229	216	212	...	3864	3845	3919	4092
2911 Engines & turbines(not for transport equip.)	439	358	356	345	21	19	14	...	390	364	263	285
2912 Pumps, compressors, taps and valves	989	1016	1080	1041	53	52	56	...	928	946	1065	1113
2913 Bearings, gears, gearing & driving elements	387	381	436	420	26	23	21	...	441	416	378	354
2914 Ovens, furnaces and furnace burners	203	196	217	210	5	5	5	...	95	88	102	93
2915 Lifting and handling equipment	1685	1428	1435	1427	42	42	39	...	710	750	757	728
2919 Other general purpose machinery	3403	3128	3238	3209	81	75	77	...	1300	1281	1355	1519
292 Special purpose machinery	7992	6759	7051	7084	156	146	148	...	2625	2628	2864	2935
2921 Agricultural and forestry machinery	1669	1413	1376	1419	21	20	15	...	323	332	278	310
2922 Machine tools	2775	2265	2289	2214	37	34	31	...	572	575	566	634
2923 Machinery for metallurgy	67	64	77	77	2	3	2	...	47	47	34	33
2924 Machinery for mining & construction	624	448	481	456	17	15	19	...	330	292	278	436
2925 Food/beverage/tobacco processing machinery	553	404	480	488	13	13	14	...	213	238	370	238
2926 Machinery for textile, apparel and leather	444	353	356	335	11	9	8	...	171	144	145	104
2927 Weapons and ammunition	1679	1667	1828	1936	39	39	41	...	665	705	733	722
2929 Other special purpose machinery	181	145	164	159	16	14	19	...	304	294	460	457
2930 Domestic appliances n.e.c.	802	560	613	594	37	36	38	...	504	521	572	521

continued

United Kingdom

ISIC Revision 3 ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million POUNDS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		2327	1394	1615	1561		63	59	61	...		1160	1156	1296	1491
3110 Electric motors, generators and transformers		1247	1151	1142	1095		37	35	37	...		521	546	635	576
3120 Electricity distribution & control apparatus		895	931	987	1038		53	51	50	...		813	818	793	963
3130 Insulated wire and cable		375	360	381	401		26	26	25	...		361	376	384	339
3140 Accumulators, primary cells and batteries		93	89	109	101		8	8	7	...		122	124	118	125
3150 Lighting equipment and electric lamps		441	514	592	621		23	23	25	...		307	324	377	393
3190 Other electrical equipment n.e.c.		2677	2480	2640	2621		49	52	51	...		696	792	814	852
3210 Electronic valves, tubes, etc.		1110	1077	980	989		56	54	64	...		858	917	1169	1016
3220 TV/radio transmitters; line comm. apparatus		1096	866	927	880		44	48	39	...		883	996	850	1176
3230 TV and radio receivers and associated goods		1077	1026	1103	1071		39	36	38	...		541	540	623	628
331 Medical, measuring, testing appliances, etc.		5997	4801	5015	4829		122	123	118	...		1940	2110	2185	2292
3311 Medical, surgical and orthopaedic equipment		2919	1914	1871	1807		38	33	28	...		545	510	461	504
3312 Measuring/testing/navigating appliances, etc.		2778	2497	2719	2590		77	81	80	...		1288	1423	1508	1550
3313 Industrial process control equipment		300	390	425	432		6	9	10	...		107	176	215	238
3320 Optical instruments & photographic equipment		604	634	683	690		15	17	17	...		230	250	264	325
3330 Watches and clocks		164	139	135	129		3	2	2	...		41	28	28	29
3410 Motor vehicles		946	547	600	594		116	123	120	...		2455	2747	2828	3149
3420 Automobile bodies, trailers & semi-trailers		920	687	767	764		30	27	28	...		452	441	491	487
3430 Parts/accessories for automobiles		2243	1266	1359	1392		94	95	101	...		1431	1532	1746	1913
351 Building and repairing of ships and boats		1599	1559	1535	1520		40	39	41	...		663	703	814	857
3511 Building and repairing of ships		1269	1142	1038	972		34	32	34	...		579	600	713	740
3512 Building/repairing of pleasure/sport. boats		330	417	497	548		6	7	7	...		85	104	101	117
3520 Railway/tramway locomotives & rolling stock		114	100	91	93		12	13	12	...		219	245	240	235
3530 Aircraft and spacecraft		1212	766	971	875		109	103	104	...		2114	2121	2530	2799
359 Transport equipment n.e.c.		247	247	299	298		7	6	6	...		85	79	87	99
3591 Motorcycles		88	86	84	82		1	1	1	...		13	15	15	15
3592 Bicycles and invalid carriages		125	91	115	110		4	4	4	...		57	54	56	62
3599 Other transport equipment n.e.c.		34	70	100	106		1	1	1	...		14	10	15	22
3610 Furniture		7174	7317	7536	7667		129	133	132	...		1676	1842	2036	2056
369 Manufacturing n.e.c.		10641	10486	11073	11262		83	71	69	...		949	906	974	940
3691 Jewellery and related articles		1500	1588	1620	1617		14	10	10	...		147	138	163	146
3692 Musical instruments		243	222	231	230		2	2	2	...		32	29	27	26
3693 Sports goods		405	387	454	455		7	7	8	...		95	98	126	86
3694 Games and toys		1087	819	840	778		12	11	11	...		153	140	148	106
3699 Other manufacturing n.e.c.		7406	7470	7928	8182		48	41	38	...		522	500	511	576
3710 Recycling of metal waste and scrap		309	430	483	498		5	5	5	...		62	70	75	78
3720 Recycling of non-metal waste and scrap		194	330	442	503		3	3	4	...		36	43	52	53
D Total manufacturing		171518	164808	169663	169356		4415	4235	4183	...		67518	69783	73385	76449

## United Kingdom

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in factor values				Gross fixed capital formation				
	Note	(million POUNDS)				Note	(million POUNDS)				Note	(million POUNDS)	
		1995	1996	1997a/	1998a/		1995	1996	1997	1998		1997	1998
151 Processed meat, fish, fruit, vegetables, fats		18946	19986	18712	16971		4438	4811	4922	4724		696	665
1511 Processing/preserving of meat		11090	11444	11737	10427		2371	2805	3009	2855		399	414
1512 Processing/preserving of fish		1804	1706	1598	1531		378	369	341	347		41	38
1513 Processing/preserving of fruit & vegetables		4517	5102	3975	3674		1564	1523	1354	1302		212	173
1514 Vegetable and animal oils and fats		1534	1735	1402	1338		125	113	218	220		44	39
1520 Dairy products		8644	7750	7065	7086		1456	1548	1479	1441		246	237
153 Grain mill products; starches; animal feeds		8142	9000	7594	7323		1658	1747	1928	1706		289	289
1531 Grain mill products		2835	3036	2857	2731		768	708	861	826		102	173
1532 Starches and starch products		417	466	315	288		88	135	89	68		40	15
1533 Prepared animal feeds		4890	5498	4423	4303		802	904	978	812		147	101
154 Other food products		15680	17044	16884	16671		5347	6025	6579	6390		775	689
1541 Bakery products		6142	6595	6522	6479		2320	2476	2725	2638		359	322
1542 Sugar		1460	...	...	...		386	...	...	...		...	...
1543 Cocoa, chocolate and sugar confectionery		3571	4443	3865	3526		1296	1584	1426	1473		147	135
1544 Macaroni, noodles & similar products		75	412	393	474		29	137	154	204		17	20
1549 Other food products n.e.c.		4314	...	...	...		1242	...	...	...		...	...
155 Beverages		12278	12306	12450	12144		3238	3486	3544	3413		553	728
1551 Distilling, rectifying & blending of spirits		2471	...	...	2471		884	...	1078	960		...	110
1552 Wines		749	785	...	957		170	145	159	229		...	57
1553 Malt liquors and malt		6507	5996	6112	5794		1473	1596	1682	1382		269	309
1554 Soft drinks; mineral waters		2544	...	2582	2923		671	...	625	842		138	253
1600 Tobacco products		8682	9407	9038	8340		1503	1661	1318	1377		107	146
171 Spinning, weaving and finishing of textiles		3803	3935	3771	3427		1375	1405	1426	1355		135	153
1711 Textile fibre preparation; textile weaving		2909	2899	2701	2573		959	942	930	953		76	106
1712 Finishing of textiles		894	1036	1071	854		416	464	496	402		59	47
172 Other textiles		4439	4725	4553	4378		1612	1729	1731	1693		145	203
1721 Made-up textile articles, except apparel		1487	1679	1678	1662		603	638	658	612		38	81
1722 Carpets and rugs		1249	1324	1345	1199		419	470	494	434		38	32
1723 Cordage, rope, twine and netting		90	104	100	133		36	39	46	59		6	7
1729 Other textiles n.e.c.		1613	1619	1430	1384		554	582	533	588		63	82
1730 Knitted and crocheted fabrics and articles		2288	2472	2185	1907		951	1002	969	835		65	66
1810 Wearing apparel, except fur apparel		6253	6125	7321	6422		2421	2545	3401	2667		162	131
1820 Dressing & dyeing of fur; processing of fur		33	36	34	27		16	8	10	7		-	1
191 Tanning, dressing and processing of leather		878	821	760	721		271	263	250	258		20	20
1911 Tanning and dressing of leather		510	460	450	440		128	109	97	94		12	6
1912 Luggage, handbags, etc.; saddlery & harness		368	361	310	281		143	154	153	163		8	13
1920 Footwear		1416	1532	1124	955		518	609	521	401		29	22
2010 Sawmilling and planing of wood		1385	924	874	806		285	252	309	336		40	26
202 Products of wood, cork, straw, etc.		4374	4678	4677	4457		1529	1495	1848	1860		197	228
2021 Veneer sheets, plywood, particle board, etc.		795	807	942	800		291	251	343	301		70	87
2022 Builders' carpentry and joinery		2435	2476	2292	2377		878	810	927	969		70	91
2023 Wooden containers		521	740	652	693		146	196	233	278		43	24
2029 Other wood products; articles of cork/straw		624	655	791	587		214	238	346	311		14	27
210 Paper and paper products		13420	13282	11672	11411		4503	4222	4153	3912		728	626
2101 Pulp, paper and paperboard		4167	4039	3543	3616		1390	1182	1176	1144		241	208
2102 Corrugated paper and paperboard		4650	4464	4485	4306		1528	1446	1568	1508		...	220
2109 Other articles of paper and paperboard		4603	4779	3644	3489		1585	1595	1409	1260		...	198
221 Publishing		13245	14206	14721	15884		5967	5901	6329	7208		399	419
2211 Publishing of books and other publications		3833	3451	3717	3759		1663	1243	1329	1532		116	68
2212 Publishing of newspapers, journals, etc.		8836	9873	10189	11005		4067	4307	4582	5151		272	296
2213 Publishing of recorded media		87	170	258	336		22	58	168	257		5	2
2219 Other publishing		489	711	558	785		214	292	250	269		5	52

continued

## United Kingdom

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in factor values				Gross fixed capital formation				
	Note	(million POUNDS)				Note	(million POUNDS)				(million POUNDS)		
		1995	1996	1997a/	1998a/		1995	1996	1997	1998	1997	1998	
222 Printing and related service activities		11471	12248	13238	13076		5378	5844	6442	6508		908	860
2221 Printing		10010	10501	11585	11155		4541	4805	5384	5437		715	769
2222 Service activities related to printing		1460	1746	1654	1921		836	1040	1058	1071		194	92
2230 Reproduction of recorded media		790	924	997	888		389	437	495	468		52	55
2310 Coke oven products		55	74	61	36		15	23	18	13		...	...
2320 Refined petroleum products		20383	24208	23295	23099		1753	1573	1214	1359		230	208
2330 Processing of nuclear fuel		1935	1659	1567	1765		1145	883	714	880		...	...
241 Basic chemicals		17970	17574	15038	14132		5589	5334	4169	4333		1279	1548
2411 Basic chemicals, except fertilizers		10598	...	9582	9622		3199	...	2636	3127		898	1145
2412 Fertilizers and nitrogen compounds		873	764	696	691		212	158	136	138		54	24
2413 Plastics in primary forms; synthetic rubber		6153	6747	4759	3819		2010	2055	1396	1068		327	379
242 Other chemicals		25188	26582	24974	23828		9387	9494	9840	9393		1549	1627
2421 Pesticides and other agro-chemical products		1457	1692	1272	1418		765	531	500	437		45	53
2422 Paints, varnishes, printing ink and mastics		2923	3270	3225	3011		899	944	1206	1119		123	96
2423 Pharmaceuticals, medicinal chemicals, etc.		9882	9584	9640	9604		4340	4201	4545	4424		698	928
2424 Soap, cleaning & cosmetic preparations		6087	6451	6009	5082		1750	1831	1722	1592		289	272
2429 Other chemical products n.e.c.		4839	5585	4828	4713		1634	1988	1867	1821		394	278
2430 Man-made fibres		1167	1105	844	805		435	438	304	304		90	127
251 Rubber products		3825	4297	3401	3686		1502	1569	1524	1653		150	162
2511 Rubber tyres and tubes		2023	1966	1477	1495		813	692	676	704		65	76
2519 Other rubber products		1803	2331	1924	2190		690	877	849	948		85	86
2520 Plastic products		14143	14851	15612	15219		5052	5417	6168	6205		922	936
2610 Glass and glass products		2999	2810	2675	2477		1156	1263	1268	1077		160	174
269 Non-metallic mineral products n.e.c.		8763	8447	8638	8294		3820	3601	3709	3676		411	456
2691 Pottery, china and earthenware		1335	1465	1236	1190		721	834	758	676		72	64
2692 Refractory ceramic products		563	612	684	527		219	238	267	207		20	17
2693 Struct.non-refractory clay; ceramic products		941	706	722	811		518	414	385	454		33	32
2694 Cement, lime and plaster		1050	874	872	838		545	371	373	367		92	92
2695 Articles of concrete, cement and plaster		3408	3388	3560	3559		1201	1138	1224	1353		126	183
2696 Cutting, shaping & finishing of stone		177	237	267	254		95	124	138	121		4	13
2699 Other non-metallic mineral products n.e.c.		1289	1166	1296	1114		521	481	564	497		64	54
2710 Basic iron and steel		10938	10214	10180	9975		3341	2622	2682	2397		375	396
2720 Basic precious and non-ferrous metals		6556	6614	4961	4973		1532	1410	1169	1345		182	171
273 Casting of metals		2078	2342	2112	1932		884	970	996	894		123	121
2731 Casting of iron and steel		1121	1269	1253	1059		508	555	599	509		62	68
2732 Casting of non-ferrous metals		957	1073	859	873		376	415	397	385		61	53
281 Struct.metall products;tanks;steam generators		6105	6517	7570	8166		2306	2365	3189	3466		204	323
2811 Structural metal products		4085	4780	5686	6333		1569	1753	2378	2634		145	174
2812 Tanks, reservoirs and containers of metal		931	1018	1132	1108		351	385	520	480		48	30
2813 Steam generators		1089	718	752	725		386	227	291	351		10	119
289 Other metal products; metal working services		17450	17981	16739	17690		7827	7644	7973	8854		861	1029
2891 Metal forging/pressing/stamping/roll-forming		2220	2105	2425	2494		905	838	1102	1162		115	145
2892 Treatment & coating of metals		6144	7115	6200	7184		3158	3401	3276	4095		363	509
2893 Cutlery, hand tools and general hardware		2490	2482	2280	2383		1256	1221	1160	1231		107	129
2899 Other fabricated metal products n.e.c.		6596	6278	5833	5629		2507	2184	2434	2366		276	246
291 General purpose machinery		17551	17912	16512	16777		6575	6520	7128	7213		540	566
2911 Engines & turbines(not for transport equip.)		2303	1923	1359	1537		744	578	651	765		35	64
2912 Pumps, compressors, taps and valves		4095	4301	4487	4378		1709	1581	2006	1922		204	174
2913 Bearings, gears, gearing & driving elements		1784	1746	1333	1244		737	772	652	617		60	61
2914 Ovens, furnaces and furnace burners		415	466	409	362		154	165	196	156		13	4
2915 Lifting and handling equipment		3689	3563	3089	3012		1159	1147	1148	1194		72	63
2919 Other general purpose machinery		5264	5913	5835	6243		2071	2277	2466	2560		155	200

292 Special purpose machinery	13506	14010	13912	13103	4652	4882	5098	4870	461	331
2921 Agricultural and forestry machinery	2723	3023	2675	2025	800	733	714	560	68	53
2922 Machine tools	2568	2577	2483	2230	905	1011	1122	1113	107	110
2923 Machinery for metallurgy	165	203	170	172	74	108	72	55	5	3
2924 Machinery for mining & construction	1895	2061	2525	2654	652	704	891	822	78	79
2925 Food/beverage/tobacco processing machinery	994	1022	1010	887	308	386	467	391	22	34
2926 Machinery for textile, apparel and leather	670	558	439	359	314	209	168	129	19	6
2927 Weapons and ammunition	2823	2938	2685	2945	1095	1163	1216	1294	141	...
2929 Other special purpose machinery	1667	1628	1924	1831	505	570	449	507	21	...
2930 Domestic appliances n.e.c.	2555	2721	2732	2526	787	863	934	966	108	...
3000 Office, accounting and computing machinery	12733	14270	13127	13799	2906	2929	2706	3210	680	679
3110 Electric motors, generators and transformers	2173	2294	2665	2218	844	931	1059	808	101	102
3120 Electricity distribution & control apparatus	3432	3560	3525	3674	1322	1360	1596	1738	147	310
3130 Insulated wire and cable	2070	2007	1992	1579	723	629	734	547	106	88
3140 Accumulators, primary cells and batteries	577	691	556	542	223	233	202	175	37	49
3150 Lighting equipment and electric lamps	1392	1511	1550	1580	473	488	685	593	70	58
3190 Other electrical equipment n.e.c.	2939	3574	3547	3840	1234	1312	1319	1430	231	176
3210 Electronic valves, tubes, etc.	5095	4905	5696	4708	2047	1690	2478	1901	695	602
3220 TV/radio transmitters; line comm. apparatus	5609	6591	6489	7773	1876	2344	2104	3129	428	333
3230 TV and radio receivers and associated goods	4343	4554	4278	3786	1079	994	1121	939	234	204
331 Medical, measuring, testing appliances, etc.	8430	9449	8914	8905	3428	3720	4042	4125	262	312
3311 Medical, surgical and orthopaedic equipment	2966	2505	1931	2026	1094	1017	914	1021	59	81
3312 Measuring/testing/navigating appliances, etc.	5066	6195	6100	5796	2182	2409	2795	2637	186	206
3313 Industrial process control equipment	398	750	883	1084	153	294	334	466	17	24
3320 Optical instruments & photographic equipment	1039	1222	1264	1228	505	506	622	552	134	96
3330 Watches and clocks	142	148	125	123	59	62	42	41	5	2
3410 Motor vehicles	23783	27243	23357	23815	4953	6220	5848	5179	2036	1455
3420 Automobile bodies, trailers & semi-trailers	2367	2358	2600	2430	786	709	801	782	51	61
3430 Parts/accessories for automobiles	7066	7255	7966	8738	2604	2540	3023	3312	519	531
351 Building and repairing of ships and boats	2257	2610	2879	3067	1149	1174	1137	1332	76	49
3511 Building and repairing of ships	1877	2155	2403	2631	1051	1018	946	1169	59	40
3512 Building/repairing of pleasure/sport. boats	380	455	475	436	98	156	191	163	17	9
3520 Railway/tramway locomotives & rolling stock	779	1143	1165	922	239	382	376	...	26	27
3530 Aircraft and spacecraft	9221	11189	12885	14617	3523	3457	4685	...	517	610
359 Transport equipment n.e.c.	431	436	422	418	171	156	145	127	13	17
3591 Motorcycles	103	104	97	105	61	38	22	25	6	9
3592 Bicycles and invalid carriages	264	284	269	204	89	102	99	60	6	5
3599 Other transport equipment n.e.c.	63	47	56	108	21	15	25	42	1	3
3610 Furniture	7353	7994	8652	8819	2659	3084	3548	3779	302	273
369 Manufacturing n.e.c.	4742	4408	4337	4399	1708	1649	1833	1870	178	186
3691 Jewellery and related articles	702	774	778	716	291	242	295	333	24	12
3692 Musical instruments	97	83	86	62	42	36	43	31	3	2
3693 Sports goods	502	552	414	347	156	190	187	165	13	6
3694 Games and toys	859	765	747	585	340	271	305	236	30	19
3699 Other manufacturing n.e.c.	2581	2234	2311	2690	879	910	1004	1105	108	147
3710 Recycling of metal waste and scrap	1067	1056	991	895	176	192	234	188	48	44
3720 Recycling of non-metal waste and scrap	264	339	299	278	88	130	118	98	29	19
D Total manufacturing	418599	442124	427779	423528	135386	138753	146210	147332	20589	20533

a/ Output (valuation undetermined).

United Kingdom

ISIC Revision 3		Index numbers of industrial production												
		Note	(1990=100)											
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
ISIC Industry														
15	Food and beverages		96	98	98	100	100	101	102	105	104	105	108	106
16	Tobacco products		96	99	96	100	102	107	100	108	92	101	98	90
17	Textiles		104	105	102	100	90	90	90	86	85	85	80	
18	Wearing apparel, fur		104	103	99	100	90	93	92	97	94	92	86	79
19	Leather, leather products and footwear		110	109	104	100	87	84	87	88	89	88	92	79
20	Wood products (excl. furniture)		92	103	103	100	89	88	90	96	89	88	86	87
21	Paper and paper products		90	94	95	100	98	100	102	106	107	104	100	96
22	Printing and publishing		84	93	99	100	94	95	99	101	103	101	102	104
23	Coke, refined petroleum products, nuclear fuel		100	100	105	100	108	114	115	116	129	118	121	114
24	Chemicals and chemical products		91	96	100	100	103	106	108	114	120	121	123	124
25	Rubber and plastics products		84	93	97	100	94	96	101	111	113	112	112	115
26	Non-metallic mineral products		96	105	106	100	90	86	90	94	91	88	90	89
27	Basic metals		92	103	104	100	92	88	88	90	93	94	95	92
28	Fabricated metal products		87	95	99	100	91	86	84	86	88	87	89	87
29	Machinery and equipment n.e.c.		89	97	100	100	89	86	86	90	91	89	87	87
30	Office, accounting and computing machinery		68	85	97	100	106	123	135	173	216	229	275	334
31	Electrical machinery and apparatus		85	91	98	100	92	89	88	92	93	96	92	90
32	Radio, television and communication equipment		85	96	101	100	93	90	97	118	127	131	137	151
33	Medical, precision and optical instruments		91	97	100	100	96	96	100	98	100	102	96	94
34	Motor vehicles, trailers, semi-trailers		87	100	105	100	92	93	93	102	106	110	112	117
35	Other transport equipment		80	82	99	100	95	91	88	85	80	84	91	97
36	Furniture; manufacturing n.e.c.		90	100	99	100	88	87	88	91	89	90	92	91
37	Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		90	96	100	100	95	95	96	101	102	103	104	104

## URUGUAY

**Supplier of information:**

Instituto Nacional de Estadística, Oficina de Planeamiento y Presupuesto,  
Montevideo.

**Basic source of data:**

Industrial census.

**Major deviations from ISIC (Revision 2):**

None reported.

**Reference period (if not calendar year):****Scope:**

Establishments with 5 or more persons engaged.

**Method of enumeration:**

Not reported.

**Adjusted for non-response:**

Yes.

**Concepts and definitions of variables:**

Value added is total value added.

Output is gross output. It does not include VAT.

**Related national publications:**

Encuesta Anual de Producción, Sector Industrial (annual), published by the  
Instituto Nacional de Estadística, Montevideo.



## Uruguay

ISIC Revision 2 ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million PESOS)			
		1994	1995	1996	1997		1994	1995	1996	1997		1994	1995	1996	1997
311/2 Food products		...	...	...	...		39086	36818	34174	34286		1151.0	1439.2	1870.6	2356.5
3111 Slaughtering, preparing & preserving meat		...	...	...	...		10380	9280	9678	10464		...	...	...	...
3112 Dairy products		...	...	...	...		4588	4491	4217	4168		...	...	...	...
3113 Canning, preserving of fruits & vegetables		...	...	...	...		587	556	636	707		...	...	...	...
3114 Canning, preserving and processing of fish		...	...	...	...		2402	2495	2417	1910		...	...	...	...
3115 Vegetable and animal oils and fats		...	...	...	...		461	442	384	355		...	...	...	...
3116 Grain mill products		...	...	...	...		2159	2186	2204	2228		...	...	...	...
3117 Bakery products		...	...	...	...		13977	12743	10185	10249		...	...	...	...
3118 Sugar factories and refineries		...	...	...	...		655	639	650	681		...	...	...	...
3119 Cocoa, chocolate and sugar confectionery		...	...	...	...		996	809	798	662		...	...	...	...
3121 Other food products		...	...	...	...		2555	2979	2824	2752		...	...	...	...
3122 Prepared animal feeds		...	...	...	...		326	198	181	110		...	...	...	...
313 Beverages		...	...	...	...		4620	4232	3969	3571		243.5	336.2	424.6	458.0
3131 Distilling, rectifying and blending spirits		...	...	...	...		742	658	628	423		...	...	...	...
3132 Wine industries		...	...	...	...		1227	1135	968	858		...	...	...	...
3133 Malt liquors and malt		...	...	...	...		1076	965	955	932		...	...	...	...
3134 Soft drinks and carbonated waters		...	...	...	...		1575	1474	1418	1358		...	...	...	...
314 Tobacco		...	...	...	...		489	468	460	456		38.7	55.0	76.2	94.5
321 Textiles		...	...	...	...		11438	9659	8628	8724		363.3	430.8	498.9	585.0
3211 Spinning, weaving and finishing textiles		...	...	...	...		7671	6419	5396	5343		...	...	...	...
3212 Made-up textile goods excl. wearing apparel		...	...	...	...		415	256	311	233		...	...	...	...
3213 Knitting mills		...	...	...	...		2742	2333	2369	2540		...	...	...	...
3214 Carpets and rugs		...	...	...	...		63	30	1	3		...	...	...	...
3215 Cordage, rope and twine		...	...	...	...		43	44	35	34		...	...	...	...
3219 Other textiles		...	...	...	...		504	577	516	571		...	...	...	...
322 Wearing apparel, except footwear		...	...	...	...		11774	9919	9493	10647		185.9	215.4	256.8	337.0
323 Leather and fur products		...	...	...	...		2921	2756	2404	1755		102.3	130.6	157.8	165.8
3231 Tanneries and leather finishing		...	...	...	...		2259	2111	1864	1679		...	...	...	...
3232 Fur dressing and dyeing industries		...	...	...	...		-	-	-	-		...	...	...	...
3233 Leather prods. excl. wearing apparel		...	...	...	...		662	645	540	76		...	...	...	...
324 Footwear, except rubber or plastic		...	...	...	...		3047	2329	1630	1214		48.2	45.4	46.7	38.0
331 Wood products, except furniture		...	...	...	...		1490	1318	1258	921		27.6	35.0	42.7	31.0
3311 Sawmills, planing and other wood mills		...	...	...	...		1229	1077	997	784		...	...	...	...
3312 Wooden and cane containers		...	...	...	...		96	96	114	75		...	...	...	...
3319 Other wood and cork products		...	...	...	...		165	145	147	62		...	...	...	...
332 Furniture and fixtures, excl. metal		...	...	...	...		2061	1586	1679	1703		27.9	35.7	46.8	57.0
341 Paper and products		...	...	...	...		2510	2290	2144	2032		102.1	151.0	182.7	188.9
3411 Pulp, paper and paperboard articles		...	...	...	...		1234	1154	1006	1040		...	...	...	...
3412 Containers of paper and paperboard		...	...	...	...		937	820	819	665		...	...	...	...
3419 Other pulp, paper and paperboard articles		...	...	...	...		339	316	319	327		...	...	...	...
342 Printing and publishing		...	...	...	...		5960	5809	5377	4867		216.9	288.2	368.2	414.1
351 Industrial chemicals		...	...	...	...		1158	1152	987	918		82.8	117.1	133.6	144.2
3511 Basic chemicals excl. fertilizers		...	...	...	...		633	583	571	529		...	...	...	...
3512 Fertilizers and pesticides		...	...	...	...		368	334	270	276		...	...	...	...
3513 Synthetic resins and plastic materials		...	...	...	...		157	235	146	113		...	...	...	...
352 Other chemicals		...	...	...	...		5313	4800	4547	4449		332.5	444.2	555.7	689.2
3521 Paints, varnishes and lacquers		...	...	...	...		792	741	686	637		...	...	...	...
3522 Drugs and medicines		...	...	...	...		1988	2327	2303	2214		...	...	...	...
3523 Soap, cleaning preps., perfumes, cosmetics		...	...	...	...		2163	1404	1207	1259		...	...	...	...
3529 Other chemical products		...	...	...	...		370	328	351	339		...	...	...	...
353 Petroleum refineries		...	...	...	...		100	976	950	1054	a/	7.7	90.0	113.1	211.4

354 Misc. petroleum and coal products	...	...	...	...	94	101	84	89	a/	...	...	...	...
355 Rubber products	...	...	...	...	1707	1555	1479	1533		53.2	73.4	89.2	129.3
3551 Tyres and tubes	...	...	...	...	985	962	997	1017		...	...	...	...
3559 Other rubber products	...	...	...	...	722	593	482	516		...	...	...	...
356 Plastic products	...	...	...	...	4410	4178	3801	3734	-	149.9	188.8	213.5	280.8
361 Pottery, china, earthenware	...	...	...	...	1843	1522	1430	1298		61.6	71.6	91.2	99.7
362 Glass and products	...	...	...	...	792	585	552	592		36.3	36.9	46.1	53.2
369 Other non-metallic mineral products	...	...	...	...	4194	3675	3686	3425		127.2	154.2	201.9	230.9
3691 Structural clay products	...	...	...	...	1067	818	807	976		...	...	...	...
3692 Cement, lime and plaster	...	...	...	...	1139	996	1012	924		...	...	...	...
3699 Other non-metallic mineral products	...	...	...	...	1988	1861	1867	1525		...	...	...	...
371 Iron and steel	...	...	...	...	817	859	847	889		34.6	50.8	73.6	97.2
372 Non-ferrous metals	...	...	...	...	350	296	219	147		15.6	19.4	18.2	18.9
381 Fabricated metal products	...	...	...	...	6315	6374	5212	5437		204.7	277.8	304.0	375.0
3811 Cutlery, hand tools and general hardware	...	...	...	...	510	492	478	520		...	...	...	...
3812 Furniture and fixtures primarily of metal	...	...	...	...	374	335	303	385		...	...	...	...
3813 Structural metal products	...	...	...	...	1508	1664	1325	1694		...	...	...	...
3819 Other fabricated metal products	...	...	...	...	3923	3883	3106	2838		...	...	...	...
382 Non-electrical machinery	...	...	...	...	2370	2018	1334	1574		69.9	81.7	87.9	102.4
3821 Engines and turbines	...	...	...	...	-	-	-	-		...	...	...	...
3822 Agricultural machinery and equipment	...	...	...	...	529	418	349	588		...	...	...	...
3823 Metal and wood working machinery	...	...	...	...	18	14	10	-		...	...	...	...
3824 Other special industrial machinery	...	...	...	...	814	666	161	189		...	...	...	...
3825 Office, computing and accounting machinery	...	...	...	...	227	207	197	202		...	...	...	...
3829 Other non-electrical machinery & equipment	...	...	...	...	782	713	617	595		...	...	...	...
383 Electrical machinery	...	...	...	...	3044	2661	2585	1799		93.7	117.3	142.0	145.0
3831 Electrical industrial machinery	...	...	...	...	703	567	553	315		...	...	...	...
3832 Radio, television and communication equipm.	...	...	...	...	248	165	117	92		...	...	...	...
3833 Electrical appliances and housewares	...	...	...	...	969	788	747	390		...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	...	1124	1141	1168	1002		...	...	...	...
384 Transport equipment	...	...	...	...	2987	2643	1787	2298		112.5	131.5	116.5	167.0
3841 Shipbuilding and repairing	...	...	...	...	861	877	613	556		...	...	...	...
3842 Railroad equipment	...	...	...	...	-	-	-	-		...	...	...	...
3843 Motor vehicles	...	...	...	...	1563	1201	713	1280		...	...	...	...
3844 Motorcycles and bicycles	...	...	...	...	563	565	461	462		...	...	...	...
3845 Aircraft	...	...	...	...	-	-	-	-		...	...	...	...
3849 Other transport equipment	...	...	...	...	-	-	-	-		...	...	...	...
385 Professional and scientific equipment	...	...	...	...	794	742	803	851		21.2	29.9	44.6	63.3
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	577	530	573	620		...	...	...	...
3852 Photographic and optical goods	...	...	...	...	217	212	230	231		...	...	...	...
3853 Watches and clocks	...	...	...	...	-	-	-	-		...	...	...	...
390 Other manufacturing industries	...	...	...	...	1149	1176	900	1148		23.0	37.2	33.3	54.3
3901 Jewellery and related articles	...	...	...	...	205	182	128	114		...	...	...	...
3902 Musical instruments	...	...	...	...	-	-	-	-		...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	30	27	24	4		...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	...	914	967	748	1030		...	...	...	...
3 Total manufacturing	...	...	...	...	122833	112497	102419	101411		3933.7	5084.2	6236.5	7587.5

a/ 353 includes 354.

## Uruguay

ISIC Revision 2	Output in producers' prices					Value added in producers' prices					Gross fixed capital formation		
	ISIC Industry	Note	(million PESOS)				Note	(million PESOS)				(million PESOS)	
			1994	1995	1996	1997		1994	1995	1996	1997	1996	1997
311/2 Food products		11325.4	15959.4	21979.1	24790.4		4101.4	5751.4	7454.2	6208.1		759.0	1180.3
313 Beverages		3074.5	4085.6	5154.8	5380.2		1992.3	2603.8	3271.8	2948.0		91.9	367.8
314 Tobacco		1041.2	1220.9	1739.8	2226.7		914.6	996.4	1359.6	1695.5		32.9	49.5
321 Textiles		2798.3	3829.3	4365.1	4985.8		1290.7	1707.1	1673.8	1951.1		70.0	165.2
322 Wearing apparel, except footwear		1282.0	1457.7	1813.0	2127.6		633.3	750.6	906.5	804.7		12.6	43.7
323 Leather and fur products		1276.8	1618.6	2414.6	2956.5		411.1	426.1	802.0	700.0		64.7	57.8
324 Footwear, except rubber or plastic		322.5	327.9	484.3	330.0		93.3	55.4	149.8	103.6		3.3	2.6
331 Wood products, except furniture		146.7	179.4	210.1	148.8		72.7	87.5	100.4	61.2		6.1	7.3
332 Furniture and fixtures, excl. metal		228.0	245.8	300.5	346.0		131.7	121.8	127.7	180.1		9.3	17.1
341 Paper and products		781.5	1136.6	1571.6	1509.3		377.5	498.5	726.3	587.5		79.3	84.9
342 Printing and publishing		1246.0	1563.2	2085.5	2115.0		711.2	974.5	1260.9	1075.3		114.7	178.9
351 Industrial chemicals		629.4	928.0	1117.6	1146.2		276.5	423.8	488.8	407.7		80.0	138.9
352 Other chemicals		2534.5	3508.8	4340.6	4004.7		1323.9	1936.3	2473.6	1888.7		143.2	169.7
353 Petroleum refineries		110.8	4200.5	6707.1	8611.2		56.4	2819.6	4453.4	5451.9		101.3	60.2
354 Misc. petroleum and coal products		28.6	29.8	37.1	39.0		13.1	9.3	15.6	20.5		-	-
355 Rubber products		278.2	375.8	443.5	555.2		128.7	179.1	214.8	249.6		11.1	15.8
356 Plastic products		1085.0	1306.6	1611.9	2053.1		516.3	612.7	756.0	837.2		32.9	251.1
361 Pottery, china, earthenware		241.5	285.8	347.7	331.2		151.7	167.1	187.7	162.8		5.9	27.3
362 Glass and products		144.9	160.9	196.7	208.4		76.8	91.3	107.6	99.9		7.8	10.7
369 Other non-metallic mineral products		906.2	1007.4	1304.4	1548.9		414.0	555.6	684.8	836.7		45.6	478.5
371 Iron and steel		396.1	610.9	994.9	1445.9		185.1	288.9	474.8	563.6		86.0	135.0
372 Non-ferrous metals		110.2	165.4	148.1	155.6		64.1	70.8	63.6	62.5		2.8	0.6
381 Fabricated metal products		1163.7	1429.9	1609.6	1854.9		633.9	730.5	847.1	821.8		30.2	17.1
382 Non-electrical machinery		291.2	350.3	357.0	375.0		165.1	208.5	225.8	194.2		3.2	18.2
383 Electrical machinery		651.3	715.3	962.8	821.3		321.4	363.2	520.2	340.3		29.4	34.8
384 Transport equipment		975.1	916.9	558.2	920.2		485.0	564.7	282.1	425.3		46.1	137.7
385 Professional and scientific equipment		159.2	209.4	281.6	325.0		97.1	115.4	170.7	159.9		18.5	18.6
390 Other manufacturing industries		209.6	294.1	299.0	267.5		103.3	127.7	127.4	136.3		1.5	5.1
3 Total manufacturing		33438.5	48120.1	63436.2	71579.7		15742.5	23237.7	29927.1	28973.9		1889.3	3674.3

## Uruguay

ISIC Revision 2	Index numbers of industrial production												
	ISIC Industry	Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
311/2 Food products		93	99	102	100	101	104	100	108	110	120	131	134
313 Beverages		101	97	100	100	99	106	108	108	108	106	115	113
314 Tobacco		97	99	106	100	103	123	112	112	100	111	122	139
321 Textiles		106	101	96	100	108	109	99	99	79	77	82	66
322 Wearing apparel, except footwear	a/	139	117	130	100	101	96	95	93	77	85	87	74
323 Leather and fur products		109	94	112	100	100	84	99	126	126	157	147	144
324 Footwear, except rubber or plastic	a/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		74	81	88	100	91	122	122	122	122	122	122	...
332 Furniture and fixtures, excl. metal		...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		109	105	100	100	114	122	120	130	112	135	153	163
342 Printing and publishing		127	109	103	100	119	114	117	113	102	107	115	132
351 Industrial chemicals	b/	97	99	100	100	97	97	98	105	97	97	86	97
352 Other chemicals	b/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		94	95	93	100	102	91	30	2	94	109	103	132
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		105	106	94	100	83	82	82	83	86	73	87	66
356 Plastic products		125	104	103	100	104	106	104	117	125	119	142	151
361 Pottery, china, earthenware	c/	92	89	95	100	96	139	143	144	139	118	143	116
362 Glass and products	c/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	c/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel		113	110	110	100	104	98	86	78	74	73	80	83
372 Non-ferrous metals		96	94	92	100	83	95	80	...	...	...	...	...
381 Fabricated metal products		120	106	100	100	91	89	79	89	65	61	59	51
382 Non-electrical machinery		...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		131	115	108	100	84	84	69	72	70	87	106	114
384 Transport equipment		125	110	97	100	110	99	99	133	67	30	50	99
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		...	...	...	...	...	...	...	...	...	...	...	...

a/ 322 includes 324.

b/ 351 includes 352.

c/ 361 includes 362 and 369.

**VIET NAM**

<p><b>Supplier of information:</b> General Statistical Office, Hanoi.</p> <p><b>Basic source of data:</b> Survey of industrial establishments.</p> <p><b>Major deviations from ISIC (Revision 3):</b> None.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Establishments with 5 or more persons engaged. Establishments in 17 provinces are covered, which account for about 80% of the total industrial output.</p> <p><b>Method of enumeration:</b> All establishments are completely enumerated.</p> <p><b>Adjusted for non-response:</b> No.</p>	<p><b>Concepts and definitions of variables:</b> No deviations from the standard UN concepts and definitions are reported.</p> <p><b>Related national publications:</b> Statistical Yearbook, 1998, published by the General Statistical Office, Hanoi.</p>
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## Viet Nam

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(billion DONGS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats	...	...	...	...	199	...	...	...	...	36073	...	...	...	...	339.3
1511 Processing/preserving of meat	...	...	...	...	22	...	...	...	...	2775	...	...	...	...	30.7
1512 Processing/preserving of fish	...	...	...	...	139	...	...	...	...	27850	...	...	...	...	234.2
1513 Processing/preserving of fruit & vegetables	...	...	...	...	25	...	...	...	...	3489	...	...	...	...	35.7
1514 Vegetable and animal oils and fats	...	...	...	...	13	...	...	...	...	1959	...	...	...	...	38.6
1520 Dairy products	...	...	...	...	13	...	...	...	...	3667	...	...	...	...	112.1
153 Grain mill products; starches; animal feeds	...	...	...	...	214	...	...	...	...	9103	...	...	...	...	117.7
1531 Grain mill products	...	...	...	...	179	...	...	...	...	5456	...	...	...	...	61.7
1532 Starches and starch products	...	...	...	...	4	...	...	...	...	380	...	...	...	...	3.6
1533 Prepared animal feeds	...	...	...	...	31	...	...	...	...	3267	...	...	...	...	52.5
154 Other food products	...	...	...	...	218	...	...	...	...	37798	...	...	...	...	499.3
1541 Bakery products	...	...	...	...	16	...	...	...	...	1423	...	...	...	...	15.4
1542 Sugar	...	...	...	...	100	...	...	...	...	10099	...	...	...	...	141.4
1543 Cocoa, chocolate and sugar confectionery	...	...	...	...	12	...	...	...	...	4606	...	...	...	...	51.8
1544 Macaroni, noodles & similar products	...	...	...	...	34	...	...	...	...	10301	...	...	...	...	151.4
1549 Other food products n.e.c.	...	...	...	...	56	...	...	...	...	11369	...	...	...	...	139.2
155 Beverages	...	...	...	...	311	...	...	...	...	21689	...	...	...	...	404.0
1551 Distilling, rectifying & blending of spirits	...	...	...	...	9	...	...	...	...	1392	...	...	...	...	15.3
1552 Wines	...	...	...	...	4	...	...	...	...	363	...	...	...	...	4.0
1553 Malt liquors and malt	...	...	...	...	70	...	...	...	...	8896	...	...	...	...	198.9
1554 Soft drinks; mineral waters	...	...	...	...	228	...	...	...	...	11038	...	...	...	...	185.8
1600 Tobacco products	...	...	...	...	15	...	...	...	...	9373	...	...	...	...	181.9
171 Spinning, weaving and finishing of textiles	...	...	...	...	90	...	...	...	...	62723	...	...	...	...	677.3
1711 Textile fibre preparation; textile weaving	...	...	...	...	84	...	...	...	...	62499	...	...	...	...	675.8
1712 Finishing of textiles	...	...	...	...	6	...	...	...	...	224	...	...	...	...	1.5
172 Other textiles	...	...	...	...	94	...	...	...	...	22650	...	...	...	...	189.0
1721 Made-up textile articles, except apparel	...	...	...	...	31	...	...	...	...	8413	...	...	...	...	76.1
1722 Carpets and rugs	...	...	...	...	22	...	...	...	...	4829	...	...	...	...	21.0
1723 Cordage, rope, twine and netting	...	...	...	...	10	...	...	...	...	2185	...	...	...	...	27.4
1729 Other textiles n.e.c.	...	...	...	...	31	...	...	...	...	7223	...	...	...	...	64.5
1730 Knitted and crocheted fabrics and articles	...	...	...	...	20	...	...	...	...	8832	...	...	...	...	84.7
1810 Wearing apparel, except fur apparel	...	...	...	...	356	...	...	...	...	136438	...	...	...	...	1397.7
1820 Dressing & dyeing of fur; processing of fur	...	...	...	...	6	...	...	...	...	2558	...	...	...	...	26.7
191 Tanning, dressing and processing of leather	...	...	...	...	42	...	...	...	...	14631	...	...	...	...	141.5
1911 Tanning and dressing of leather	...	...	...	...	6	...	...	...	...	720	...	...	...	...	6.2
1912 Luggage, handbags, etc.; saddlery & harness	...	...	...	...	36	...	...	...	...	13911	...	...	...	...	135.3
1920 Footwear	...	...	...	...	100	...	...	...	...	156858	...	...	...	...	1818.3
2010 Sawmilling and planing of wood	...	...	...	...	78	...	...	...	...	4743	...	...	...	...	37.3
202 Products of wood, cork, straw, etc.	...	...	...	...	170	...	...	...	...	17324	...	...	...	...	131.2
2021 Veneer sheets, plywood, particle board, etc.	...	...	...	...	22	...	...	...	...	2835	...	...	...	...	22.5
2022 Builders' carpentry and joinery	...	...	...	...	30	...	...	...	...	1705	...	...	...	...	19.2
2023 Wooden containers	...	...	...	...	6	...	...	...	...	354	...	...	...	...	2.3
2029 Other wood products; articles of cork/straw	...	...	...	...	112	...	...	...	...	12430	...	...	...	...	87.2
210 Paper and paper products	...	...	...	...	193	...	...	...	...	23657	...	...	...	...	262.6
2101 Pulp, paper and paperboard	...	...	...	...	77	...	...	...	...	14525	...	...	...	...	172.8
2102 Corrugated paper and paperboard	...	...	...	...	10	...	...	...	...	1285	...	...	...	...	10.1
2109 Other articles of paper and paperboard	...	...	...	...	106	...	...	...	...	7847	...	...	...	...	79.7
221 Publishing	...	...	...	...	47	...	...	...	...	3633	...	...	...	...	79.7
2211 Publishing of books and other publications	...	...	...	...	20	...	...	...	...	1376	...	...	...	...	27.0
2212 Publishing of newspapers, journals, etc.	...	...	...	...	24	...	...	...	...	2211	...	...	...	...	52.2
2213 Publishing of recorded media	...	...	...	...	2	...	...	...	...	34	...	...	...	...	0.5a/
2219 Other publishing	...	...	...	...	1	...	...	...	...	12	...	...	...	...	...a/

222	Printing and related service activities	...	...	103	...	...	12335	...	...	195.4
2221	Printing	...	...	97	...	...	12231	...	...	193.9
2222	Service activities related to printing	...	...	6	...	...	104	...	...	1.5
2230	Reproduction of recorded media	...	...	3	...	...	218	...	...	6.0
2310	Coke oven products	...	...	1	...	...	10	...	...	19.9b/
2320	Refined petroleum products	...	...	5	...	...	474	...	...	...b/
2330	Processing of nuclear fuel	...	...	-	...	...	-	...	...	-
241	Basic chemicals	...	...	59	...	...	11129	...	...	195.0
2411	Basic chemicals, except fertilizers	...	...	24	...	...	3180	...	...	57.8c/
2412	Fertilizers and nitrogen compounds	...	...	33	...	...	7753	...	...	137.2
2413	Plastics in primary forms; synthetic rubber	...	...	2	...	...	196	...	...	...c/
242	Other chemicals	...	...	175	...	...	24577	...	...	506.0
2421	Pesticides and other agro-chemical products	...	...	8	...	...	1961	...	...	38.0
2422	Paints, varnishes, printing ink and mastics	...	...	33	...	...	3589	...	...	76.9
2423	Pharmaceuticals, medicinal chemicals, etc.	...	...	72	...	...	10655	...	...	198.8
2424	Soap, cleaning & cosmetic preparations	...	...	46	...	...	6940	...	...	172.2
2429	Other chemical products n.e.c.	...	...	16	...	...	1432	...	...	20.1
2430	Man-made fibres	...	...	-	...	...	-	...	...	-
251	Rubber products	...	...	56	...	...	10662	...	...	165.6
2511	Rubber tyres and tubes	...	...	11	...	...	5965	...	...	112.4
2519	Other rubber products	...	...	45	...	...	4697	...	...	53.3
2520	Plastic products	...	...	206	...	...	20090	...	...	252.8
2610	Glass and glass products	...	...	28	...	...	3673	...	...	58.7
269	Non-metallic mineral products n.e.c.	...	...	584	...	...	59362	...	...	732.4
2691	Pottery, china and earthenware	...	...	124	...	...	7892	...	...	92.1
2692	Refractory ceramic products	...	...	18	...	...	2124	...	...	22.9
2693	Struct.non-refractory clay; ceramic products	...	...	346	...	...	22737	...	...	171.6
2694	Cement, lime and plaster	...	...	27	...	...	17610	...	...	329.2
2695	Articles of concrete, cement and plaster	...	...	41	...	...	7061	...	...	90.5
2696	Cutting, shaping & finishing of stone	...	...	19	...	...	1176	...	...	19.4
2699	Other non-metallic mineral products n.e.c.	...	...	9	...	...	762	...	...	6.9
2710	Basic iron and steel	...	...	47	...	...	20844	...	...	283.4
2720	Basic precious and non-ferrous metals	...	...	13	...	...	3817	...	...	29.3
273	Casting of metals	...	...	13	...	...	1039	...	...	12.2
2731	Casting of iron and steel	...	...	8	...	...	498	...	...	4.5
2732	Casting of non-ferrous metals	...	...	5	...	...	541	...	...	7.7
281	Struct.metall products;tanks;steam generators	...	...	96	...	...	6161	...	...	108.6
2811	Structural metal products	...	...	84	...	...	4803	...	...	85.8
2812	Tanks, reservoirs and containers of metal	...	...	11	...	...	1114	...	...	22.7a/
2813	Steam generators	...	...	1	...	...	244	...	...	...d/
289	Other metal products; metal working services	...	...	165	...	...	14635	...	...	241.0
2891	Metal forging/pressing/stamping/roll-forming	...	...	23	...	...	2776	...	...	70.6
2892	Treatment & coating of metals	...	...	7	...	...	193	...	...	1.9
2893	Cutlery, hand tools and general hardware	...	...	21	...	...	2787	...	...	32.6
2899	Other fabricated metal products n.e.c.	...	...	114	...	...	8879	...	...	136.0
291	General purpose machinery	...	...	57	...	...	9722	...	...	87.8
2911	Engines & turbines(not for transport equip.)	...	...	12	...	...	3117	...	...	23.4
2912	Pumps, compressors, taps and valves	...	...	11	...	...	4166	...	...	33.6
2913	Bearings, gears, gearing & driving elements	...	...	7	...	...	1150	...	...	8.9
2914	Ovens, furnaces and furnace burners	...	...	-	...	...	-	...	...	-
2915	Lifting and handling equipment	...	...	7	...	...	505	...	...	14.2
2919	Other general purpose machinery	...	...	20	...	...	784	...	...	7.7
292	Special purpose machinery	...	...	77	...	...	12679	...	...	168.0
2921	Agricultural and forestry machinery	...	...	19	...	...	3493	...	...	31.6
2922	Machine tools	...	...	17	...	...	3176	...	...	37.1e/
2923	Machinery for metallurgy	...	...	1	...	...	51	...	...	...e/
2924	Machinery for mining & construction	...	...	10	...	...	1401	...	...	15.1
2925	Food/beverage/tobacco processing machinery	...	...	11	...	...	1389	...	...	20.1
2926	Machinery for textile, apparel and leather	...	...	7	...	...	1012	...	...	15.0
2927	Weapons and ammunition	...	...	-	...	...	-	...	...	-
2929	Other special purpose machinery	...	...	12	...	...	2157	...	...	49.0
2930	Domestic appliances n.e.c.	...	...	25	...	...	2871	...	...	37.8

cont inued

## Viet Nam

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees							
	Note	(numbers)				Note	(numbers)				Note	(billion DONGS)				
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998	
ISIC Industry																
3000 Office, accounting and computing machinery		...	...	...	3		...	...	...	2681		...	...	...	...	37.8
3110 Electric motors, generators and transformers		...	...	...	25		...	...	...	8121		...	...	...	...	131.2
3120 Electricity distribution & control apparatus		...	...	...	17		...	...	...	1662		...	...	...	...	36.6
3130 Insulated wire and cable		...	...	...	31		...	...	...	5263		...	...	...	...	91.9
3140 Accumulators, primary cells and batteries		...	...	...	7		...	...	...	2932		...	...	...	...	50.5
3150 Lighting equipment and electric lamps		...	...	...	12		...	...	...	3101		...	...	...	...	62.0
3190 Other electrical equipment n.e.c.		...	...	...	6		...	...	...	441		...	...	...	...	4.2
3210 Electronic valves, tubes, etc.		...	...	...	29		...	...	...	6127		...	...	...	...	102.6
3220 TV/radio transmitters; line comm. apparatus		...	...	...	13		...	...	...	2655		...	...	...	...	75.8
3230 TV and radio receivers and associated goods		...	...	...	28		...	...	...	4124		...	...	...	...	72.9
331 Medical, measuring, testing appliances, etc.		...	...	...	21		...	...	...	2983		...	...	...	...	54.5
3311 Medical, surgical and orthopaedic equipment		...	...	...	16		...	...	...	2430		...	...	...	...	47.3
3312 Measuring/testing/navigating appliances, etc.		...	...	...	5		...	...	...	553		...	...	...	...	7.2
3313 Industrial process control equipment		...	...	...	-		...	...	...	-		...	...	...	...	-
3320 Optical instruments & photographic equipment		...	...	...	3		...	...	...	197		...	...	...	...	7.7f/
3330 Watches and clocks		...	...	...	2		...	...	...	54		...	...	...	...	...f/
3410 Motor vehicles		...	...	...	70		...	...	...	5575		...	...	...	...	91.9
3420 Automobile bodies, trailers & semi-trailers		...	...	...	4		...	...	...	840		...	...	...	...	13.7
3430 Parts/accessories for automobiles		...	...	...	18		...	...	...	2281		...	...	...	...	39.4
351 Building and repairing of ships and boats		...	...	...	77		...	...	...	13220		...	...	...	...	178.5
3511 Building and repairing of ships		...	...	...	74		...	...	...	13128		...	...	...	...	177.8
3512 Building/repairing of pleasure/sport. boats		...	...	...	3		...	...	...	92		...	...	...	...	0.6
3520 Railway/tramway locomotives & rolling stock		...	...	...	4		...	...	...	1038		...	...	...	...	16.5
3530 Aircraft and spacecraft		...	...	...	2		...	...	...	89		...	...	...	...	7.3g/
359 Transport equipment n.e.c.		...	...	...	50		...	...	...	6365		...	...	...	...	...
3591 Motorcycles		...	...	...	28		...	...	...	3982		...	...	...	...	82.2
3592 Bicycles and invalid carriages		...	...	...	20		...	...	...	2123		...	...	...	...	21.9
3599 Other transport equipment n.e.c.		...	...	...	2		...	...	...	260		...	...	...	...	...g/
3610 Furniture		...	...	...	165		...	...	...	16683		...	...	...	...	152.6
369 Manufacturing n.e.c.		...	...	...	94		...	...	...	18665		...	...	...	...	196.4
3691 Jewellery and related articles		...	...	...	20		...	...	...	2487		...	...	...	...	45.0
3692 Musical instruments		...	...	...	1		...	...	...	226		...	...	...	...	78.1h/
3693 Sports goods		...	...	...	11		...	...	...	1146		...	...	...	...	9.7
3694 Games and toys		...	...	...	19		...	...	...	7430		...	...	...	...	63.5
3699 Other manufacturing n.e.c.		...	...	...	43		...	...	...	7376		...	...	...	...	...h/
3710 Recycling of metal waste and scrap		...	...	...	1		...	...	...	42		...	...	...	...	0.3i/
3720 Recycling of non-metal waste and scrap		...	...	...	1		...	...	...	5		...	...	...	...	...i/
D Total manufacturing		...	...	...	4562		...	...	...	891192		...	...	...	...	11128.6

- a/ 2213 includes 2219.  
b/ 2310 includes 2320.  
c/ 2411 includes 2413.  
d/ 2812 includes 2813.  
e/ 2922 includes 2923.  
f/ 3320 includes 3330.  
g/ 3530 includes 3599.  
h/ 3692 includes 3699.  
i/ 3710 includes 3720.



## Viet Nam

ISIC Revision 3	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation					
	ISIC Industry	Note	(billion DONGS)				Note	(billion DONGS)				Note	(billion DONGS)	
			1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
151 Processed meat, fish, fruit, vegetables, fats		...	...	...	6852.1		...	...	...	835.5		...	...	395.6
1511 Processing/preserving of meat		...	...	...	633.0		...	...	...	48.8		...	...	23.2
1512 Processing/preserving of fish		...	...	...	4284.6		...	...	...	563.9		...	...	200.3
1513 Processing/preserving of fruit & vegetables		...	...	...	380.6		...	...	...	62.4		...	...	25.1
1514 Vegetable and animal oils and fats		...	...	...	1553.8		...	...	...	160.3		...	...	147.0
1520 Dairy products		...	...	...	2635.6		...	...	...	519.3		...	...	344.9
153 Grain mill products; starches; animal feeds		...	...	...	4475.8		...	...	...	809.5		...	...	263.1
1531 Grain mill products		...	...	...	1426.7		...	...	...	273.2		...	...	156.2
1532 Starches and starch products		...	...	...	43.6		...	...	...	9.6		...	...	0.4
1533 Prepared animal feeds		...	...	...	3005.5		...	...	...	526.6		...	...	106.5
154 Other food products		...	...	...	9017.3		...	...	...	2280.7		...	...	1060.2
1541 Bakery products		...	...	...	148.4		...	...	...	47.2		...	...	26.1
1542 Sugar		...	...	...	2345.5		...	...	...	671.5		...	...	198.9
1543 Cocoa, chocolate and sugar confectionery		...	...	...	571.4		...	...	...	141.2		...	...	151.7
1544 Macaroni, noodles & similar products		...	...	...	2603.1		...	...	...	554.3		...	...	64.7
1549 Other food products n.e.c.		...	...	...	3349.0		...	...	...	866.4		...	...	618.8
155 Beverages		...	...	...	6855.8		...	...	...	3440.0		...	...	563.8
1551 Distilling, rectifying & blending of spirits		...	...	...	119.1		...	...	...	48.9		...	...	7.4
1552 Wines		...	...	...	67.9		...	...	...	23.8		...	...	4.5
1553 Malt liquors and malt		...	...	...	5011.5		...	...	...	3077.4		...	...	112.3
1554 Soft drinks; mineral waters		...	...	...	1657.2		...	...	...	289.9		...	...	439.6
1600 Tobacco products		...	...	...	5010.8		...	...	...	2294.9		...	...	45.3
171 Spinning, weaving and finishing of textiles		...	...	...	7313.7		...	...	...	2291.2		...	...	1385.5
1711 Textile fibre preparation; textile weaving		...	...	...	7302.6		...	...	...	2289.1		...	...	1384.3
1712 Finishing of textiles		...	...	...	11.1		...	...	...	2.1		...	...	1.1
172 Other textiles		...	...	...	1266.1		...	...	...	389.0		...	...	174.7
1721 Made-up textile articles, except apparel		...	...	...	651.9		...	...	...	195.5		...	...	60.4
1722 Carpets and rugs		...	...	...	63.5		...	...	...	20.3		...	...	7.4
1723 Cordage, rope, twine and netting		...	...	...	244.3		...	...	...	68.3		...	...	20.9
1729 Other textiles n.e.c.		...	...	...	306.4		...	...	...	105.0		...	...	86.0
1730 Knitted and crocheted fabrics and articles		...	...	...	296.3		...	...	...	104.2		...	...	25.4
1810 Wearing apparel, except fur apparel		...	...	...	4859.0		...	...	...	2102.4		...	...	305.6
1820 Dressing & dyeing of fur; processing of fur		...	...	...	141.3		...	...	...	40.2		...	...	2.8
191 Tanning, dressing and processing of leather		...	...	...	598.7		...	...	...	152.2		...	...	105.9
1911 Tanning and dressing of leather		...	...	...	81.9		...	...	...	12.9		...	...	2.1
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	516.8		...	...	...	139.3		...	...	103.8
1920 Footwear		...	...	...	7943.7		...	...	...	2254.5		...	...	1256.8
2010 Sawmilling and planing of wood		...	...	...	386.6		...	...	...	100.2		...	...	12.5
202 Products of wood, cork, straw, etc.		...	...	...	1003.9		...	...	...	272.0		...	...	64.1
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	211.6		...	...	...	66.4		...	...	9.8
2022 Builders' carpentry and joinery		...	...	...	206.8		...	...	...	50.4		...	...	0.1
2023 Wooden containers		...	...	...	12.9		...	...	...	4.9		...	...	1.8
2029 Other wood products; articles of cork/straw		...	...	...	572.5		...	...	...	150.3		...	...	52.4
210 Paper and paper products		...	...	...	3502.5		...	...	...	712.5		...	...	375.4
2101 Pulp, paper and paperboard		...	...	...	2276.0		...	...	...	488.3		...	...	145.9
2102 Corrugated paper and paperboard		...	...	...	57.0		...	...	...	18.2		...	...	4.2
2109 Other articles of paper and paperboard		...	...	...	1169.5		...	...	...	206.0		...	...	225.3
221 Publishing		...	...	...	1036.4		...	...	...	325.3		...	...	20.7
2211 Publishing of books and other publications		...	...	...	552.1		...	...	...	125.4		...	...	5.1
2212 Publishing of newspapers, journals, etc.		...	...	...	475.7		...	...	...	198.0		...	...	13.3
2213 Publishing of recorded media		...	...	...	8.6a/		...	...	...	2.0a/		...	...	2.2a/
2219 Other publishing		...	...	...	...a/		...	...	...	...a/		...	...	...a/

continued

## Viet Nam

ISIC Revision 3 ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	Note	(billion DONGS)				Note	(billion DONGS)				Note	(billion DONGS)	
		1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
222 Printing and related service activities		...	...	...	1976.4	...	...	...	604.9	...	...	187.2	
2221 Printing		...	...	...	1960.5	...	...	...	599.8	...	...	186.8	
2222 Service activities related to printing		...	...	...	15.9	...	...	...	5.1	...	...	0.5	
2230 Reproduction of recorded media		...	...	...	45.8	...	...	...	15.4	...	...	3.5	
2310 Coke oven products		...	...	...	694.9b/	...	...	...	120.2b/	...	...	21.6b/	
2320 Refined petroleum products		...	...	...	...b/	...	...	...	...b/	...	...	...b/	
2330 Processing of nuclear fuel		...	...	...	-	...	...	...	-	...	...	-	
241 Basic chemicals		...	...	...	3067.9	...	...	...	860.6	...	...	267.8	
2411 Basic chemicals, except fertilizers		...	...	...	814.4c/	...	...	...	280.9c/	...	...	34.4c/	
2412 Fertilizers and nitrogen compounds		...	...	...	2253.5	...	...	...	579.6	...	...	233.4	
2413 Plastics in primary forms; synthetic rubber		...	...	...	...c/	...	...	...	...c/	...	...	...c/	
242 Other chemicals		...	...	...	7219.6	...	...	...	1459.0	...	...	541.7	
2421 Pesticides and other agro-chemical products		...	...	...	830.5	...	...	...	145.2	...	...	20.5	
2422 Paints, varnishes, printing ink and mastics		...	...	...	1295.9	...	...	...	371.7	...	...	111.3	
2423 Pharmaceuticals, medicinal chemicals, etc.		...	...	...	1837.4	...	...	...	452.8	...	...	97.6	
2424 Soap, cleaning & cosmetic preparations		...	...	...	3073.1	...	...	...	438.9	...	...	227.5	
2429 Other chemical products n.e.c.		...	...	...	182.7	...	...	...	50.3	...	...	84.7	
2430 Man-made fibres		...	...	...	-	...	...	...	-	...	...	-	
251 Rubber products		...	...	...	1162.0	...	...	...	372.4	...	...	153.5	
2511 Rubber tyres and tubes		...	...	...	787.4	...	...	...	248.8	...	...	68.2	
2519 Other rubber products		...	...	...	374.6	...	...	...	123.6	...	...	85.2	
2520 Plastic products		...	...	...	3415.4	...	...	...	840.7	...	...	1205.1	
2610 Glass and glass products		...	...	...	520.8	...	...	...	193.9	...	...	-10.5	
269 Non-metallic mineral products n.e.c.		...	...	...	9142.0	...	...	...	3230.2	...	...	662.9	
2691 Pottery, china and earthenware		...	...	...	552.7	...	...	...	149.0	...	...	69.9	
2692 Refractory ceramic products		...	...	...	235.6	...	...	...	72.1	...	...	7.5	
2693 Struct.non-refractory clay; ceramic products		...	...	...	1610.6	...	...	...	623.4	...	...	135.7	
2694 Cement, lime and plaster		...	...	...	5594.0	...	...	...	2087.5	...	...	397.5	
2695 Articles of concrete, cement and plaster		...	...	...	1011.1	...	...	...	253.1	...	...	46.1	
2696 Cutting, shaping & finishing of stone		...	...	...	102.9	...	...	...	33.6	...	...	4.3	
2699 Other non-metallic mineral products n.e.c.		...	...	...	35.1	...	...	...	11.5	...	...	1.9	
2710 Basic iron and steel		...	...	...	5553.8	...	...	...	898.6	...	...	511.7	
2720 Basic precious and non-ferrous metals		...	...	...	387.7	...	...	...	86.4	...	...	3.2	
273 Casting of metals		...	...	...	134.5	...	...	...	27.3	...	...	1.0	
2731 Casting of iron and steel		...	...	...	20.3	...	...	...	3.5	...	...	0.7	
2732 Casting of non-ferrous metals		...	...	...	114.2	...	...	...	23.8	...	...	0.3	
281 Struct.metal products;tanks;steam generators		...	...	...	1097.3	...	...	...	263.6	...	...	317.1	
2811 Structural metal products		...	...	...	822.3	...	...	...	201.3	...	...	294.6	
2812 Tanks, reservoirs and containers of metal		...	...	...	274.9d/	...	...	...	62.3d/	...	...	22.5d/	
2813 Steam generators		...	...	...	...d/	...	...	...	...d/	...	...	...d/	
289 Other metal products; metal working services		...	...	...	2233.1	...	...	...	521.9	...	...	228.4	
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	344.3	...	...	...	26.9	...	...	80.0	
2892 Treatment & coating of metals		...	...	...	12.6	...	...	...	4.5	...	...	0.2	
2893 Cutlery, hand tools and general hardware		...	...	...	233.6	...	...	...	57.4	...	...	21.3	
2899 Other fabricated metal products n.e.c.		...	...	...	1642.6	...	...	...	433.2	...	...	127.0	
291 General purpose machinery		...	...	...	639.0	...	...	...	149.9	...	...	139.5	
2911 Engines & turbines(not for transport equip.)		...	...	...	127.1	...	...	...	40.0	...	...	8.8	
2912 Pumps, compressors, taps and valves		...	...	...	237.5	...	...	...	69.4	...	...	20.0	
2913 Bearings, gears, gearing & driving elements		...	...	...	62.9	...	...	...	11.6	...	...	71.2	
2914 Ovens, furnaces and furnace burners		...	...	...	-	...	...	...	-	...	...	-	
2915 Lifting and handling equipment		...	...	...	79.3	...	...	...	3.3	...	...	11.2	
2919 Other general purpose machinery		...	...	...	132.1	...	...	...	25.6	...	...	28.2	

292	Special purpose machinery	...	...	1441.0	...	...	491.0	...	106.1
2921	Agricultural and forestry machinery	...	...	213.5	...	...	62.3	...	30.3
2922	Machine tools	...	...	296.4e/	...	...	93.1e/	...	6.9e/
2923	Machinery for metallurgy	...	...	...	...	...	...	...	...
2924	Machinery for mining & construction	...	...	106.9	...	...	27.1	...	6.6
2925	Food/beverage/tobacco processing machinery	...	...	180.7	...	...	39.8	...	36.9
2926	Machinery for textile, apparel and leather	...	...	184.7	...	...	140.0	...	2.0
2927	Weapons and ammunition	...	...	-	...	...	-	...	-
2929	Other special purpose machinery	...	...	458.8	...	...	128.7	...	23.4
2930	Domestic appliances n.e.c.	...	...	576.9	...	...	160.6	...	60.0
3000	Office, accounting and computing machinery	...	...	4894.2	...	...	245.4	...	609.6
3110	Electric motors, generators and transformers	...	...	919.8	...	...	229.0	...	289.4
3120	Electricity distribution & control apparatus	...	...	241.5	...	...	68.1	...	77.3
3130	Insulated wire and cable	...	...	1234.0	...	...	287.1	...	118.2
3140	Accumulators, primary cells and batteries	...	...	394.2	...	...	102.3	...	42.6
3150	Lighting equipment and electric lamps	...	...	361.8	...	...	179.2	...	47.0
3190	Other electrical equipment n.e.c.	...	...	105.9	...	...	12.0	...	0.1
3210	Electronic valves, tubes, etc.	...	...	1782.3	...	...	391.3	...	106.9
3220	TV/radio transmitters; line comm. apparatus	...	...	1654.8	...	...	347.8	...	104.2
3230	TV and radio receivers and associated goods	...	...	2110.2	...	...	431.6	...	51.1
331	Medical, measuring, testing appliances, etc.	...	...	338.1	...	...	96.1	...	70.0
3311	Medical, surgical and orthopaedic equipment	...	...	276.3	...	...	71.6	...	60.8
3312	Measuring/testing/navigating appliances, etc.	...	...	61.8	...	...	24.5	...	9.1
3313	Industrial process control equipment	...	...	-	...	...	-	...	-
3320	Optical instruments & photographic equipment	...	...	92.1f/	...	...	28.4f/	...	0.2f/
3330	Watches and clocks	...	...	...	...	...	...	...	...
3410	Motor vehicles	...	...	1008.7	...	...	274.5	...	69.1
3420	Automobile bodies, trailers & semi-trailers	...	...	392.4	...	...	210.1	...	14.1
3430	Parts/accessories for automobiles	...	...	379.7	...	...	115.9	...	23.5
351	Building and repairing of ships and boats	...	...	861.4	...	...	258.1	...	78.8
3511	Building and repairing of ships	...	...	853.0	...	...	257.0	...	78.5
3512	Building/repairing of pleasure/sport. boats	...	...	8.5	...	...	1.0	...	0.2
3520	Railway/tramway locomotives & rolling stock	...	...	80.8	...	...	21.5	...	3.1
3530	Aircraft and spacecraft	...	...	85.2g/	...	...	26.4g/	...	15.4g/
359	Transport equipment n.e.c.	...	...	...	...	...	...	...	...
3591	Motorcycles	...	...	2800.3	...	...	439.9	...	150.0
3592	Bicycles and invalid carriages	...	...	218.4	...	...	37.7	...	9.3
3599	Other transport equipment n.e.c.	...	...	...	...	...	...	...	...
3610	Furniture	...	...	904.0	...	...	269.8	...	93.0
369	Manufacturing n.e.c.	...	...	1321.3	...	...	305.4	...	190.1
3691	Jewellery and related articles	...	...	315.7	...	...	66.4	...	31.2
3692	Musical instruments	...	...	707.2h/	...	...	141.1h/	...	126.1h/
3693	Sports goods	...	...	29.0	...	...	6.0	...	2.3
3694	Games and toys	...	...	269.4	...	...	91.8	...	30.4
3699	Other manufacturing n.e.c.	...	...	...	...	...	...	...	...
3710	Recycling of metal waste and scrap	...	...	2.3i/	...	...	0.7i/	...	- i/
3720	Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	124687.1	...	...	33598.5	...	12964.8

a/ 2213 includes 2219.  
b/ 2310 includes 2320.  
c/ 2411 includes 2413.  
d/ 2812 includes 2813.  
e/ 2922 includes 2923.  
f/ 3320 includes 3330.  
g/ 3530 includes 3599.  
h/ 3692 includes 3699.  
i/ 3710 includes 3720.

Viet Nam

ISIC Revision 3		Index numbers of industrial production											
		Note	(1990=100)										
			1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
ISIC Industry													
15	Food and beverages		...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products		...	...	...	...	...	...	...	...	...	...	...
17	Textiles		...	...	...	...	...	...	...	...	...	...	...
18	Wearing apparel, fur		...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear		...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)		...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products		...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing		...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel		...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products		...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products		...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...
27	Basic metals		...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products		...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus		...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment		...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments		...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers		...	...	...	...	...	...	...	...	...	...	...
35	Other transport equipment		...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.		...	...	...	...	...	...	...	...	...	...	...
37	Recycling		...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		...	...	...	...	...	...	...	...	...	...	...

## YUGOSLAVIA

<p><b>Supplier of information:</b> Federal Statistical Office, Belgrade.</p> <p><b>Basic source of data:</b> Not reported.</p> <p><b>Major deviations from ISIC (Revision 2):</b> None reported.</p> <p><b>Reference period (if not calendar year):</b></p> <p><b>Scope:</b> Not reported.</p> <p><b>Method of enumeration:</b> Not reported.</p> <p><b>Adjusted for non-response:</b> Not reported.</p>	<p><b>Concepts and definitions of variables:</b> Figures for <u>wages and salaries</u> were computed by UNIDO based on nine-month average wages and salaries per employee.</p> <p><b>Related national publications:</b></p>
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## Yugoslavia

ISIC Revision 2	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million DINARS)			
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
ISIC Industry															
311/2 Food products		2895	3007	3199	3199		92.8	93.3	91.4	90.8		487	889	1002	1337
313 Beverages		748	626	803	816		19.2	19.5	19.7	20.0		112	224	277	377
314 Tobacco		22	21	23	23		4.8	5.1	4.9	4.9		50	59	33	158
321 Textiles		1301	1361	1355	1550		73.7	69.9	65.4	58.7		173	253	218	314
322 Wearing apparel, except footwear		1229	1260	1293	1292		67.0	65.2	61.0	56.2		125	207	182	228
323 Leather and fur products		523	526	314	400		11.5	10.4	10.4	9.4		33	45	38	41
324 Footwear, except rubber or plastic		215	283	240	299		26.2	24.3	22.4	20.9		58	78	76	77
331 Wood products, except furniture		3881	3649	3028	3871		19.4	19.6	18.9	18.5		62	92	80	99
332 Furniture and fixtures, excl. metal		672	692	727	794		19.4	19.1	18.1	17.7		67	109	118	129
341 Paper and products		904	901	970	1000		13.1	13.4	12.9	12.7		63	92	98	132
342 Printing and publishing		1587	1590	1679	1797		26.1	26.0	24.9	23.7		122	256	259	274
351 Industrial chemicals		283	293	302	312		24.3	23.2	22.7	22.1		107	249	333	508
352 Other chemicals		819	815	907	1050		17.3	17.9	18.2	18.1		121	227	288	384
353 Petroleum refineries		6	8	10	12		4.4	4.5	4.7	4.7		37	79	107	134
354 Misc. petroleum and coal products		4	3	3	3		1.0	1.0	0.8	0.8		5	10	11	19
355 Rubber products		133	136	144	151		15.8	15.4	14.8	15.2		57	96	120	161
356 Plastic products		799	1310	602	576		9.7	10.4	10.0	9.8		42	87	78	114
361 Pottery, china, earthenware		65	87	66	96		6.6	6.4	6.1	6.0		22	26	37	47
362 Glass and products		56	74	64	75		8.2	8.1	7.4	7.1		36	48	45	60
369 Other non-metallic mineral products		524	590	607	721		31.0	31.8	31.2	30.8		145	300	326	482
371 Iron and steel		32	33	39	45		15.9	17.1	17.2	17.6		73	114	166	218
372 Non-ferrous metals		121	123	103	168		17.3	17.5	17.5	17.3		99	192	157	343
381 Fabricated metal products		4280	4323	4340	4573		87.5	83.0	82.4	80.7		307	417	503	691
382 Non-electrical machinery		612	493	480	695		55.9	52.1	49.1	45.7		203	258	387	439
383 Electrical machinery		2332	2495	2578	2688		50.8	49.7	46.7	46.1		180	315	331	432
384 Transport equipment		348	364	368	398		76.1	73.0	67.3	65.6		203	309	538	591
385 Professional and scientific equipment		157	165	181	201		3.8	3.8	3.6	3.6		15	18	25	31
390 Other manufacturing industries		355	356	379	405		9.1	8.7	8.3	7.5		37	48	44	57
3 Total manufacturing		24903	25584	24804	27210		807.9	789.4	758.0	732.2		3041	5096	5873	7917

## Yugoslavia

ISIC Revision 2 ISIC Industry	Output				Value added				Gross fixed capital formation				
	Note	(million DINARS)				Note	(million DINARS)				(million DINARS)		
		1995	1996	1997	1998		1995	1996	1997	1998	Note	1997	1998
311/2 Food products		7605	14862	17144	22602		2597	4355	4821	6767		442	560
313 Beverages		1421	2880	3712	5585		723	1509	2029	2879		314	475
314 Tobacco		739	742	1014	1504		542	406	561	689		54	54
321 Textiles		1257	1944	2153	3119		686	909	961	1415		124	125
322 Wearing apparel, except footwear		663	1120	1309	2190		331	581	692	1264		16	25
323 Leather and fur products		285	472	494	712		126	203	187	287		11	7
324 Footwear, except rubber or plastic		310	484	531	1027		142	228	239	496		4	3
331 Wood products, except furniture		575	1037	1149	1696		221	383	400	568		9	23
332 Furniture and fixtures, excl. metal		548	949	1011	1583		240	387	387	701		11	8
341 Paper and products		946	1330	1379	2525		387	423	414	864		11	9
342 Printing and publishing		1352	2462	3058	3644		658	1125	1690	1726		71	79
351 Industrial chemicals		899	2489	4246	5236		324	460	1031	1516		42	89
352 Other chemicals		2709	3871	4267	5933		1009	2037	1984	2314		265	367
353 Petroleum refineries		613	1074	1724	1228		287	175	418	173		43	105
354 Misc. petroleum and coal products		29	62	83	103		14	30	36	47		2	5
355 Rubber products		408	1064	1520	2177		204	430	646	884		40	31
356 Plastic products		626	924	987	1984		282	382	402	784		10	38
361 Pottery, china, earthenware		120	252	251	398		72	144	116	207		38	11
362 Glass and products		223	364	405	672		109	161	159	257		3	8
369 Other non-metallic mineral products		1124	2377	2426	3537		492	1064	1087	1708		91	83
371 Iron and steel		615	1867	2704	4472		178	348	434	569		23	54
372 Non-ferrous metals		1332	2500	3654	4337		461	572	999	825		85	113
381 Fabricated metal products		2358	3903	4676	7221		1148	1706	2028	3340		63	89
382 Non-electrical machinery		1054	1897	2659	3278		579	975	1373	1706		25	21
383 Electrical machinery		1993	3993	4727	6724		840	1382	1683	2544		42	89
384 Transport equipment		1195	2246	2939	4034		673	1221	1247	1937		64	141
385 Professional and scientific equipment		82	170	191	237		49	99	99	127		6	2
390 Other manufacturing industries		115	151	195	316		60	82	90	137		5	6
3 Total manufacturing		31193	57486	70610	98075		13434	21777	26213	36744		1913	2619

## Yugoslavia

ISIC Revision 2	Index numbers of industrial production												
	Note	(1990=100)											
		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
311/2 Food products	a/	...	...	...	100	95	79	57	58	62	64	62	70
313 Beverages	a/	...	...	...	100	103	101	87	83	77	73	63	91
314 Tobacco		...	...	...	100	103	101	87	83	77	73	63	91
321 Textiles		...	...	...	100	81	62	35	36	33	33	33	38
322 Wearing apparel, except footwear		...	...	...	100	87	62	28	30	24	26	31	36
323 Leather and fur products	b/	...	...	...	100	71	60	40	34	25	29	29	31
324 Footwear, except rubber or plastic	b/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	...	...	100	84	79	57	48	50	48	45	48
332 Furniture and fixtures, excl. metal	c/	...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		...	...	...	100	86	69	34	35	39	37	38	44
342 Printing and publishing		...	...	...	100	91	67	43	41	43	51	55	55
351 Industrial chemicals	d/	...	...	...	100	85	70	32	36	41	56	83	97
352 Other chemicals	d/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	e/	...	...	...	100	75	50	22	20	22	32	48	48
354 Misc. petroleum and coal products	e/	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	f/	...	...	...	100	86	64	21	27	28	36	43	52
356 Plastic products	f/	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	g/	...	...	...	100	87	72	37	41	44	55	57	68
362 Glass and products	g/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	g/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	h/	...	...	...	100	79	55	22	23	28	40	49	53
372 Non-ferrous metals	h/	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	100	79	58	30	24	24	24	32	35
382 Non-electrical machinery		...	...	...	100	49	33	16	11	11	11	13	10
383 Electrical machinery		...	...	...	100	65	43	16	21	23	25	26	28
384 Transport equipment		...	...	...	100	69	40	16	15	15	17	18	23
385 Professional and scientific equipment		...	...	...	100	67	47	19	25	32	29	30	34
390 Other manufacturing industries	c/	...	...	...	100	87	67	42	41	40	39	40	40
3 Total manufacturing		...	...	...	100	81	61	34	34	35	39	43	48

- a/ 311/2 includes 313.  
b/ 323 includes 324.  
c/ 390 includes 332.  
d/ 351 includes 352.  
e/ 353 includes 354.  
f/ 355 includes 356.  
g/ 361 includes 362 and 369.  
h/ 371 includes 372.



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