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UNITED NATIONS INDUSTRIAL
DEVELOPMENT ORGANIZATION

International
Yearbook of
**INDUSTRIAL
STATISTICS**
2002



**INTERNATIONAL YEARBOOK
OF
INDUSTRIAL STATISTICS
2002**



**UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION
VIENNA
2002**

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Explanatory notes

Unless otherwise indicated, "manufacturing" includes the industry groups listed under major division 3 of 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 or 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 \$1,000 per capita gross domestic product in 1990 at current prices), those with middle income (\$1,000–\$5,000) and those with high income (more than \$5,000). 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 “I”, “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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 - Data reported by country for 28 industrial branches.
 - Time series on most items starting in 1963.
-

UNIDO Industrial Statistics Database, 4-Digit Level of ISIC Code

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 - Data reported by country for up to 81 industries.
 - Time series starting in 1981.
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INTRODUCTION

This is the eighth 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 2000 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.¹

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 that have made a switchover in their reporting systems from Revision 2 to Revision 3 of ISIC, the

¹ 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 1999 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 that 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 that 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 15 countries that are listed in appendix I to this introduction. 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. It should be noted that in the present edition of the *Yearbook*, a new classification of developing countries, by income category, has been introduced. For the definitions of the new income categories, see "Explanatory notes".

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 (2000) 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. In tables 1.5 to 1.9, the data shown refer to industrial branches that are presented either individually or combined with others.

Table 1.5 shows the world distribution of the respective value added of selected branches among selected country groups. Three branches, namely ISIC 332, 385 and 390, 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. As in the case of table 1.5, three branches (ISIC 332, 385 and 390) 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 2000 include many estimates generated for individual countries.

Table 1.8 shows the shares of individual branches in total MVA by country grouping.

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 1990-2000.

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. 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 1988-1999. 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 that 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 that 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 "Structural Statistics for Industry and Services".

(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, home workers 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 that 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 that 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 that 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	DEVELOPING COUNTRIES/AREAS
East. Europe and former USSR	Nigeria
Albania	Oman
Bulgaria	Pakistan
Czechoslovakia (former) *	Panama
Germany, eastern part	Papua New Guinea
Hungary	Paraguay
Poland	Peru
Romania	Philippines
USSR (former) **	Puerto Rico
Western Europe	Qatar
Austria	Republic of Korea
Belgium	Réunion
Denmark	Rwanda
Finland	Saint Lucia
France	Sao Tome and Principe
Germany, western part	Saudi Arabia
Greece	Senegal
Iceland	Seychelles
Ireland	Sierra Leone
Italy	Singapore
Luxembourg	Solomon Islands
Netherlands	Somalia
Norway	Sri Lanka
Portugal	St. Kitts and Nevis
Spain	St. Vincent and the Grenadines
Sweden	Sudan
Switzerland	Suriname
United Kingdom	Swaziland
Japan	Syrian Arab Republic
North America	Thailand
Canada	Togo
United States of America	Tonga
Others	Trinidad and Tobago
Australia	Tunisia
Israel	Turkey
New Zealand	Uganda
South Africa	United Arab Emirates
	United Republic of Tanzania
	Uruguay
	Vanuatu
	Venezuela
	Viet Nam
	Yemen
	Yugoslavia (former) ***
	Zambia
	Zimbabwe
	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
	Lao People's Dem. Rep.
	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
	Algeria
	Angola
	Anguilla
	Antigua and Barbuda
	Argentina
	Bahrain
	Bangladesh
	Barbados
	Belize
	Benin
	Bermuda
	Brutan
	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

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.

(continued)

APPENDIX I
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			Others
	Low income	Middle income	High income	LDCs	NICs	Second-generation NICs		
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		X			X	
Central African Republic	X			X				
Chad	X			X				
Congo	X	X		X			X	
Democratic Rep. of the Congo	X			X				
Equatorial Guinea	X			X				
Gabon	X		X	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			X	
Gambia	X			X				
Ghana	X			X			X	
Guinea	X			X				
Guinea-Bissau	X			X				
Liberia	X			X				
Mali	X			X				
Mauritania	X			X				
Niger	X			X				
Nigeria	X			X			X	
Senegal	X			X			X	
Sierra Leone	X			X				
Togo	X			X				

(cont inued)

APPENDIX I
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			X
Lesotho	X			X			
Madagascar	X			X			
Malawi	X			X			X
Mauritius		X					
Mozambique		X					X
Namibia		X	X				X
Réunion			X				X
Seychelles			X				X
Somalia	X						
Swaziland		X		X			X
Uganda	X			X			
United Republic of Tanzania	X			X			
Zambia	X			X			
Zimbabwe	X			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

(continued)

APPENDIX I
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			Others
	Low income	Middle income	High income	LDCs	NICS	Second-generation NICS		
Grenada		X					X	
Guadeloupe			X				X	
Guatemala	X						X	
Guyana	X						X	
Haiti	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	X	
United Arab Emirates		X					X	
Yemen		X					X	
Yugoslavia (former) *		X		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.

(continued)

APPENDIX I
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						
Bhutan	X			X			
Brunei Darussalam		X					X
Cambodia	X			X			
China			X		X		
China (Hong Kong SAR)			X		X		
China (Taiwan Province)			X				
Fiji		X					X
French Polynesia			X				X
India	X				X		
Indonesia	X					X	
Iran (Islamic Republic of)		X					X
Lao People's Dem. Rep.	X			X			
Malaysia		X				X	
Maldives	X			X			X
Mongolia	X						
Myanmar	X			X			
Nepal	X			X			
New Caledonia			X				X
Pakistan	X						X
Papua New Guinea	X						X
Philippines	X					X	X
Republic of Korea			X		X		
Singapore			X		X		
Solomon Islands	X			X			X
Sri Lanka	X						
Thailand		X				X	
Tonga		X					X
Vanuatu		X		X			X
Viet Nam	X						X

APPENDIX II

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

ISIC REVISION 2

ISIC	Description
3	MANUFACTURING
311/2	Food manufacturing
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
313	Beverage industries
3131	Distilling, rectifying and blending spirits
3132	Wine industries
3133	Malt liquors and malt
3134	Soft drinks and carbonated waters industries
314	3140 Tobacco manufactures
321	Manufacture of textiles
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
322	3220 Manufacture of wearing apparel, except footwear
323	Manufacture of leather and products of leather, leather substitutes and fur, except footwear and wearing apparel
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
324	3240 Manufacture of footwear, except vulcanized or moulded rubber or plastic footwear

ISIC REVISION 2 (continued)

ISIC	Description
331	Manufacture of wood and wood and cork products, except furniture
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
332	3320 Manufacture of furniture and fixtures, except primarily of metal
341	Manufacture of paper and paper products
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
342	3420 Printing, publishing and allied industries
351	Manufacture of industrial chemicals
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
352	Manufacture of other chemical products
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
353	3530 Petroleum refineries
354	3540 Manufacture of miscellaneous products of petroleum and coal
355	Manufacture of rubber products
3551	Tyre and tube industries
3559	Manufacture of rubber products not elsewhere classified
356	3560 Manufacture of plastic products not elsewhere classified
361	3610 Manufacture of pottery, china and earthenware
362	3620 Manufacture of glass and glass products
369	Manufacture of other non-metallic mineral products
3691	Manufacture of structural clay products
3692	Manufacture of cement, lime and plaster
3699	Manufacture of non-metallic mineral products not elsewhere classified
371	3710 Iron and steel basic industries
372	3720 Non-ferrous metal basic industries

ISIC REVISION 2 (continued)

ISIC	Description
381	Manufacture of fabricated metal products, except machinery and equipment
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
382	Manufacture of machinery except electrical
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
383	Manufacture of electrical machinery, apparatus, appliances and supplies
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
384	Manufacture of transport equipment
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
385	Manufacture of professional and scientific, and measuring and controlling equipment not elsewhere classified, and of photographic and optical goods
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
390	Other manufacturing industries
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
D	MANUFACTURING
151	Production, processing and preservation of meat, fish, fruit, vegetables, oils and fats
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
152	1520 Manufacture of dairy products
153	Manufacture of grain mill products, starches and starch products, and prepared animal feeds
1531	Manufacture of grain mill products
1532	Manufacture of starches and starch products
1533	Manufacture of prepared animal feeds
154	Manufacture of other food products
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.
155	Manufacture of beverages
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
160	1600 Manufacture of tobacco products
171	Spinning, weaving and finishing of textiles
1711	Preparation and spinning of textile fibres; weaving of textiles
1712	Finishing of textiles
172	Manufacture of other textiles
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.
173	1730 Manufacture of knitted and crocheted fabrics and articles

ISIC REVISION 3 (continued)

ISIC	Description
181 1810	Manufacture of wearing apparel, except fur apparel
182 1820	Dressing and dyeing of fur; manufacture of articles of fur
191	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness
1911	Tanning and dressing of leather
1912	Manufacture of luggage, handbags and the like, saddlery and harness
192 1920	Manufacture of footwear
201 2010	Sawmilling and planing of wood
202	Manufacture of products of wood, cork, straw and plaiting materials
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
210	Manufacture of paper and paper products
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
221	Publishing
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
222	Printing and service activities related to printing
2221	Printing
2222	Service activities related to printing
223 2230	Reproduction of recorded media
231 2310	Manufacture of coke oven products
232 2320	Manufacture of refined petroleum products
233 2330	Processing of nuclear fuel

ISIC REVISION 3 (continued)

ISIC	Description
241	Manufacture of basic chemicals
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
242	Manufacture of other chemical products
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.
243	2430 Manufacture of man-made fibres
251	Manufacture of rubber products
2511	Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres
2519	Manufacture of other rubber products
252	2520 Manufacture of plastics products
261	2610 Manufacture of glass and glass products
269	Manufacture of non-metallic mineral products n.e.c.
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.
271	2710 Manufacture of basic iron and steel
272	2720 Manufacture of basic precious and non-ferrous metals
273	Casting of metals
2731	Casting of iron and steel
2732	Casting of non-ferrous metals
281	Manufacture of structural metal products, tanks, reservoirs and steam generators
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)

ISIC	Description
289	Manufacture of other fabricated metal products; metal working service activities
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.
291	Manufacture of general purpose machinery
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
292	Manufacture of special purpose machinery
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
293	2930 Manufacture of domestic appliances n.e.c.
300	3000 Manufacture of office, accounting and computing machinery
311	3110 Manufacture of electric motors, generators and transformers
312	3120 Manufacture of electricity distribution and control apparatus
313	3130 Manufacture of insulated wire and cable
314	3140 Manufacture of accumulators, primary cells and primary batteries
315	3150 Manufacture of electric lamps and lighting equipment
319	3190 Manufacture of other electrical equipment n.e.c.
321	3210 Manufacture of electronic valves and tubes and other electronic components
322	3220 Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy
323	3230 Manufacture of television and radio receivers, sound or video recording or reproducing apparatus, and associated goods

ISIC REVISION 3 (continued)

ISIC	Description
331	Manufacture of medical appliances and instruments and appliances for measuring, checking, testing, navigating and other purposes, except optical instruments
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
332	3320 Manufacture of optical instruments and photographic equipment
333	3330 Manufacture of watches and clocks
341	3410 Manufacture of motor vehicles
342	3420 Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
343	3430 Manufacture of parts and accessories for motor vehicles and their engines
351	Building and repairing of ships and boats
3511	Building and repairing of ships
3512	Building and repairing of pleasure and sporting boats
352	3520 Manufacture of railway and tramway locomotives and rolling stock
353	3530 Manufacture of aircraft and spacecraft
359	Manufacture of transport equipment n.e.c.
3591	Manufacture of motorcycles
3592	Manufacture of bicycles and invalid carriages
3599	Manufacture of other transport equipment n.e.c.
361	3610 Manufacture of furniture
369	Manufacturing n.e.c.
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.
371	3710 Recycling of metal waste and scrap
372	3720 Recycling of non-metal waste and scrap

Country or area	Value added			Output			Employment					
	Factor values	Producers' prices	Mixed	Unspecified	Mixed	Producers' prices	Unspecified	Mixed	Persons engaged	Employees	Mixed	Country or area
Albania												Albania
Argentina				X	X	X		X		X		Argentina
Australia	X										X	Australia
Austria		X			X	X		X				Austria
Bangladesh			X									Bangladesh
Belgium	X											Belgium
Bermuda												Bermuda
Bolivia		X										Bolivia
Bulgaria		X		X								Bulgaria
Cameroon		X							X			Cameroon
Canada		X							X			Canada
Chile		X		X								Chile
China		X										China
China (Hong Kong SAR)		X										China (Hong Kong SAR)
China (Macao SAR)		X										China (Macao SAR)
China (Taiwan Province)		X					X					China (Taiwan Province)
Colombia		X										Colombia
Costa Rica		X										Costa Rica
Cote d'Ivoire		X					X					Cote d'Ivoire
Croatia				X								Croatia
Cyprus		X										Cyprus
Czech Republic				X								Czech Republic
Denmark	X					X						Denmark
Ecuador												Ecuador
Egypt	X											Egypt
El Salvador		X							X			El Salvador
Ethiopia		X										Ethiopia
Fiji		X										Fiji
Finland							X					Finland
France				X								France
Germany	X											Germany
Guatemala	X					X						Guatemala
India	X											India
Indonesia	X											Indonesia
Italy												Italy
Japan					X							Japan
Jordan				X								Jordan
Kenya	X											Kenya
Kuwait		X										Kuwait

APPENDIX III

DESCRIPTION OF DATA USED IN SECTION 1.2

(continued)

Country or area	Value added			Output			Employment			Country or area	
	Factor values	Producers' prices	Unspecified	Mixed	Factor values	Producers' prices	Unspecified	Mixed	Employees		Mixed
Latvia	X					X			X		Latvia
Lebanon			X				X		X		Lebanon
Lithuania	X					X			X		Lithuania
Malawi	X				X	X			X		Malawi
Malaysia	X				X				X		Malaysia
Malta		X				X			X		Malta
Mauritius		X				X			X		Mauritius
Mexico				X				X		X	Mexico
Morocco			X					X		X	Morocco
Mozambique			X			X			X		Mozambique
Myanmar			X			X			X		Myanmar
Nepal		X				X			X		Nepal
Norway			X			X			X		Norway
Oman			X			X			X		Oman
Panama		X				X			X		Panama
Philippines		X				X			X		Philippines
Portugal		X				X			X		Portugal
Puerto Rico		X		X		X			X		Puerto Rico
Republic of Korea		X				X			X		Republic of Korea
Russian Federation		X		X		X			X		Russian Federation
Saint Lucia		X				X			X		Saint Lucia
Senegal							X			X	Senegal
Singapore	X										Singapore
Slovakia					X				X		Slovakia
Slovenia				X					X		Slovenia
Spain				X					X		Spain
Sri Lanka		X							X		Sri Lanka
St. Vincent and the Grenadines									X		St. Vincent and the Grenadines
Switzerland		X				X			X		Switzerland
Tunisia		X				X			X		Tunisia
Turkey		X				X			X		Turkey
Ukraine					X				X		Ukraine
United Kingdom	X								X		United Kingdom
United Republic of Tanzania	X				X				X		United Republic of Tanzania
United States of America		X		X					X		United States of America
Uruguay		X							X		Uruguay
Venezuela		X							X		Venezuela
Yugoslavia			X						X		Yugoslavia

Part I
SUMMARY TABLES

Section 1.1

THE MANUFACTURING SECTOR

TABLE 1.1
DISTRIBUTION OF WORLD MVA, 1980-2001

Year	Industrialized countries						Developing countries								
	Western Europe		Japan	North America	Others	Regional groups			Development groups						
	EU a/ former USSR	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	9.1	35.2	1.7	13.6	23.9	2.0	0.9	6.7	5.2	1.7	8.4	1.6	0.4	1.5	2.6
1985	9.5	32.3	1.6	15.4	23.9	1.8	1.0	5.9	6.6	2.0	8.4	1.8	0.4	2.1	2.8
1990	8.3	31.4	1.5	16.8	23.4	1.7	0.9	5.3	8.8	1.9	8.8	2.4	0.3	2.7	2.7
1995	3.5	31.0	1.4	15.8	25.2	1.8	0.9	5.4	13.4	1.6	9.5	3.2	0.4	5.3	2.9
1996	3.4	30.1	1.4	16.0	25.0	1.8	0.9	5.5	14.2	1.7	9.8	3.4	0.4	5.8	2.9
1997	3.3	29.8	1.4	15.8	25.2	1.7	0.9	5.6	14.5	1.8	9.9	3.5	0.4	6.1	2.9
1998	3.2	30.3	1.4	14.7	25.9	1.7	0.9	5.6	14.5	1.8	9.8	3.2	0.4	6.5	2.9
1999 b/	3.3	29.7	1.4	14.3	26.4	1.7	0.9	5.3	15.3	1.7	10.0	3.2	0.4	6.7	2.9
2000 c/	3.3	29.0	1.4	14.1	26.8	1.7	0.9	5.4	15.7	1.7	10.3	3.1	0.4	7.0	2.9
2001 c/	3.7	28.5	1.3	14.6	26.3	1.6	0.9	5.3	16.1	1.7	10.3	3.2	0.4	7.2	2.9
Percentage share in world total MVA (at current prices)															
1995	2.9	29.8	1.5	20.4	23.2	1.7	0.7	5.7	12.5	1.6	9.5	3.3	0.3	4.4	3.0
1996	2.9	29.7	1.4	18.0	23.6	1.8	0.8	6.1	14.0	1.7	10.2	3.6	0.4	5.2	3.2
1997	3.0	28.1	1.3	16.7	25.1	1.8	0.9	6.7	14.6	1.8	10.6	3.6	0.4	5.8	3.6
1998	3.1	29.4	1.3	14.9	26.5	1.6	0.9	6.9	13.5	1.9	9.8	2.8	0.6	6.1	3.9
1999 b/	3.0	27.8	1.3	16.2	27.0	1.6	0.8	5.9	14.6	1.8	9.4	3.0	0.6	6.2	3.9

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	2000a/	2001a/	1995	1996	1997	1998	1999b/	1985	1990	1995	2000	2001
	Low income	14.4	15.7	15.5	14.5	14.5	14.8	14.9	14.9	13.3	14.4	49.2	49.9	50.8	51.7	52.0
Middle income	53.2	46.2	37.5	33.6	33.0	39.9	39.4	39.7	41.5	38.0	18.8	18.8	18.9	19.0	19.0
High income	19.1	22.3	22.2	22.4	22.3	24.0	22.9	21.3	18.8	20.8	2.7	2.7	2.7	2.6	2.6
China	13.3	15.8	24.8	29.5	30.2	21.3	22.8	24.1	26.4	26.8	29.3	28.6	27.6	26.7	26.4
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	100.0
Least developed countries	2.4	2.0	1.6	1.6	1.6	1.7	1.7	1.9	2.5	2.7	11.7	12.1	12.6	13.1	13.3
NICS	54.3	51.9	44.7	43.4	42.9	46.3	45.0	44.1	42.4	40.7	30.6	30.3	30.3	30.2	30.2
Second-generation NICs	11.9	14.4	15.2	13.2	13.1	16.1	16.1	15.0	12.0	13.1	11.1	11.1	11.1	11.1	11.1
China	13.3	15.8	24.8	29.5	30.2	21.3	22.8	24.1	26.4	26.8	29.3	28.6	27.6	26.7	26.4
Other developing countries	18.1	15.9	13.7	12.3	12.2	14.6	14.4	14.9	16.7	16.7	17.3	17.9	18.4	18.9	19.0
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	100.0
Africa	6.2	5.4	4.1	3.9	3.9	3.6	3.5	3.5	3.9	3.5	13.7	14.3	14.9	15.6	15.7
Latin America	38.0	31.5	25.5	22.6	22.1	27.5	27.1	28.0	29.6	25.4	11.2	11.1	11.1	11.0	11.0
South and East Asia	43.0	52.0	62.6	66.2	66.8	61.0	61.9	60.9	58.3	63.1	71.4	70.8	70.2	69.4	69.3
West Asia and Europe	12.8	11.1	7.8	7.3	7.2	7.9	7.5	7.6	8.2	8.0	3.7	3.8	3.8	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	100.0

a/ Estimate.
b/ Provisional.

ANNUAL GROWTH OF MVA, 1980-2000 AND PER-CAPITA MVA, 2000^{a/}

Country group or country/area	Growth rate (percentage)				Total MVA				Per-capita MVA				Value (dollars) 2000 c/				
	1980-1990		1990-2000		Index (1990 = 100)		2000 c/		Growth rate (percentage)		Index (1990 = 100)			2000 c/			
	1980-1990	1990-2000	1997	1998	1999 b/	2000 c/	1980-1990	1990-2000	1997	1998	1999 b/	2000 c/		1997	1998	1999 b/	2000 c/
Industrialized countries	2.8	1.9	108	110	113	118	2.0	1.4	105	106	108	113	105	106	108	113	3669
Eastern Europe and former USSR	2.6	-3.4	62	63	66	69	1.9	-3.4	62	63	66	69	62	63	66	69	683
EU	1.8	1.5	106	109	111	114	1.5	1.2	104	106	108	111	104	106	108	111	4804
Austria	2.7	2.5	114	119	122	125	2.4	2.0	109	114	117	120	109	114	117	120	5174
Belgium	2.7	2.2	112	116	116	122	2.6	1.9	110	112	113	118	110	112	113	118	4892
Denmark	1.3	2.1	112	114	113	119	1.3	1.7	109	111	110	115	109	111	110	115	4647
Finland	3.4	6.4	128	140	150	168	2.9	6.0	124	135	145	162	124	135	145	162	8962
France	0.8	2.3	111	116	119	123	0.3	1.8	108	112	114	118	108	112	114	118	4732
Germany, western part	1.5	-0.2	97	98	98	99	1.4	-0.6	93	94	95	95	93	94	95	95	6918
Greece	0.5	0.9	101	102	104	110	-0.0	0.5	98	98	100	106	98	98	100	106	1302
Ireland	4.5	...	...	...	...	...	4.2	...	...	...	...	...	...	...	...	...	...
Italy	2.1	1.6	109	111	112	115	2.1	1.4	107	110	110	113	107	110	110	113	4951
Luxembourg	4.3	2.5	113	119	117	123	3.8	1.1	102	107	104	108	102	107	104	108	6307
Netherlands	2.3	2.2	112	116	119	123	1.8	1.6	110	110	113	116	107	110	111	113	4087
Portugal	3.0	2.9	119	123	125	125	2.9	2.7	118	122	123	124	118	122	123	124	1652
Spain	2.1	1.2	104	109	113	112	1.7	1.0	102	108	111	111	102	108	111	110	3194
Sweden	2.6	5.1	127	133	138	150	2.3	4.7	123	128	134	145	123	128	134	145	7791
United Kingdom	1.8	1.2	104	105	105	108	1.6	0.9	101	102	102	104	101	102	102	104	3696
Other Western Europe	1.2	2.4	112	116	119	127	0.5	1.9	107	111	113	121	107	111	113	121	7502
Iceland	0.7	2.3	110	116	120	123	-0.5	1.4	103	108	111	112	103	108	111	112	3948
Norway	0.2	2.1	115	119	116	118	-0.2	1.6	111	114	111	112	111	114	111	112	3560
Switzerland	1.5	2.5	111	116	119	130	0.6	2.0	106	110	114	124	106	110	114	124	10097
Japan	4.8	0.6	110	103	104	108	4.2	0.3	107	101	101	105	107	101	101	105	6865
North America	3.1	4.4	125	131	138	147	2.1	3.3	116	120	126	132	116	120	126	132	5295
Canada	3.3	4.1	119	124	132	140	2.1	3.0	110	114	120	126	110	114	120	126	4040
United States of America	3.1	4.4	126	131	139	148	2.1	3.3	117	120	126	133	117	120	126	133	5432
Others	1.6	2.6	118	119	120	125	-0.3	0.8	104	104	103	105	104	104	103	105	1430
Australia	1.9	2.3	114	118	120	121	0.4	1.1	104	107	107	107	104	107	107	107	2497
Israel	2.8	5.4	155	159	157	174	2.4	2.4	124	124	120	130	124	124	120	130	3352
New Zealand	0.5	2.5	122	118	122	126	-0.3	1.3	112	107	109	112	112	107	109	112	2546
South Africa	1.1	1.2	105	103	103	107	-1.1	-0.6	92	89	88	90	92	89	88	90	594

a/ At constant 1990 prices.

b/ Provisional.

c/ Estimate.

TABLE 1.3
(continued)
ANNUAL GROWTH OF MVA, 1980-2000 AND PER-CAPITA MVA, 2000^{a/}

Country group or country/area	Total MVA				Per-capita MVA				Value (dollars) 2000 c/			
	Growth rate (percentage)		Index (1990 = 100)		Growth rate (percentage)		Index (1990 = 100)					
	1980-1990	1990-2000	1997	1998	1999 b/	2000 c/	1997	1998		1999 b/	2000 c/	
Developing countries excluding China	5.1	6.4	157	160	169	181	3.0	139	140	145	153	314
Algeria	4.3	4.5	137	136	142	152	1.9	119	116	119	125	302
Angola	3.3	-4.9	56	60	61	59	0.4	49	51	51	49	121
Anguilla	-1.3	-0.7	79	82	88	89	-4.3	62	64	66	65	35
Antigua and Barbuda	6.6	6.6	147	161	164	175	4.8	117	117	119	127	54
Argentina	4.3	0.8	90	95	99	109	4.0	89	94	96	105	213
Bahrain	-0.8	3.0	144	146	134	140	-2.2	131	131	119	123	1430
Bangladesh	8.3	7.4	166	179	195	207	4.6	135	142	152	168	2164
Barbados	3.0	7.3	166	180	186	198	0.4	141	150	152	159	53
Belize	-0.6	1.4	100	103	101	108	-0.9	97	100	97	104	606
Benin	1.3	2.6	124	121	126	127	-1.3	109	103	106	105	298
Bermuda	1.3	5.0	142	146	156	162	-1.7	114	114	119	120	37
Bhutan	1.2	2.4	117	118	119	123	0.4	111	113	111	116	3193
Bolivia	12.7	10.5	205	232	259	275	9.9	181	199	217	223	30
Botswana	-0.6	4.2	132	143	142	145	-2.6	112	118	115	115	144
Brazil	8.7	4.4	128	136	144	162	5.3	108	112	117	131	194
British Virgin Islands	1.6	2.1	111	109	108	113	-0.3	100	97	95	98	692
Brunet Darussalam	11.1	5.7	153	154	158	174	7.0	118	119	117	123	659
Burkina Faso	2.0	-1.1	79	78	75	74	-3.1	66	63	60	58	725
Burundi	5.7	5.0	121	135	153	169	-0.6	101	111	123	132	62
Cambodia	8.0	-7.0	55	56	53	51	2.4	50	51	57	54	13
Cameroon	5.0	8.7	172	183	200	233	3.8	137	142	151	171	133
Cape Verde	9.3	0.9	95	102	109	113	2.1	79	83	87	88	133
Central African Republic	5.0	-0.2	86	90	96	97	7.5	113	112	114	149	121
Chad	6.8	1.2	93	102	95	93	4.1	75	74	78	77	40
Chile	3.4	4.5	153	151	150	155	1.7	137	134	131	134	30
China (Hong Kong SAR)	10.7	13.2	266	288	312	339	9.1	247	266	285	307	572
China (Taiwan Province)	4.7	-1.8	91	83	78	85	3.5	80	72	66	70	1499
Colombia	8.4	5.1	143	147	157	166	7.0	134	137	145	152	3920
Comoros	3.5	0.5	111	112	98	109	1.4	97	96	83	91	208
Costa Rica	4.9	-0.3	98	98	96	99	1.8	80	78	74	74	15
Côte d'Ivoire	6.9	6.7	81	83	89	92	3.8	65	65	68	68	72
Cuba	3.0	4.9	140	155	195	193	0.1	114	123	123	146	667
Cyprus	3.0	0.7	132	147	154	145	-1.0	111	120	123	114	204
Cyprus	4.4	0.7	89	90	90	92	3.5	86	86	85	87	380
Democratic Rep. of the Congo	4.3	-0.7	95	96	96	94	3.2	85	85	84	82	946
Djibouti	1.6	-6.2	49	47	42	44	-1.6	39	36	31	32	9
Dominica	1.0	-1.3	88	89	91	91	-3.5	77	75	75	73	28
Dominican Republic	6.1	1.6	114	133	108	122	6.5	114	133	108	122	169
Ecuador	2.9	4.8	139	147	157	161	0.7	123	128	135	136	244
Ecuador	-0.0	2.0	125	126	117	118	-2.5	108	106	96	96	194

a/ At constant 1990 prices.

b/ Provisional.

c/ Estimate.

TABLE 1.3
(continued)
ANNUAL GROWTH OF MVA, 1980-2000 AND PER-CAPITA MVA, 2000^{a/}

Country group or country/area	Growth rate (percentage)				Total MVA				Per-capita MVA				Value (dollars) 2000 c/
	1980-1990		1990-2000		Index (1980 = 100)		2000 c/		Index (1990 = 100)		2000 c/		
	1980-1990	1990-2000	1997	1998	1999 b/	2000 c/	1997	1998	1999 b/	2000 c/			
	1980-1990	1990-2000	1980-1990	1990-2000	1997	1998	1999 b/	2000 c/					
Egypt	6.6	6.2	144	156	171	179	126	134	144	148	214		
El Salvador	1.0	5.2	144	154	160	165	125	131	133	134	303		
Equatorial Guinea	2.8	7.9	129	144	191	268	108	118	152	206	12		
Ethiopia	2.6	5.7	113	109	116	115	92	87	91	88	11		
Finland	1.1	2.4	123	121	135	118	113	110	121	105	210		
French Guiana	-0.5	2.5	132	134	137	142	103	101	100	100	539		
French Polynesia	6.2	3.2	136	137	145	128	119	119	123	107	912		
Gabon	1.8	0.8	115	116	118	113	94	93	92	86	305		
Gambia	7.8	0.8	105	106	110	110	82	80	80	79	15		
Ghana	3.9	3.8	125	130	138	145	106	106	110	113	43		
Grenada	12.1	6.3	133	152	170	198	130	149	167	191	244		
Guadeloupe	2.4	...	...	...	...	...	...	...	...	...	...
Guatemala	0.0	2.8	121	125	129	121	101	102	101	101	133		
Guinea	4.8	1.5	110	116	122	119	88	90	94	90	18		
Guinea-Bissau	-5.0	-3.0	108	65	56	99	91	54	45	78	14		
Guyana	-8.0	4.5	145	132	150	150	141	128	144	144	71		
Haiti	-1.7	-4.5	40	41	46	57	36	36	39	49	28		
Honduras	3.7	3.8	132	136	140	142	108	109	109	108	98		
India	7.4	7.2	154	160	173	183	135	138	147	153	92		
Indonesia	12.6	6.6	199	176	180	180	178	155	157	155	201		
Iran (Islamic Republic of)	4.5	4.7	153	156	160	167	133	134	135	139	266		
Iraq	1.8	...	...	...	...	...	...	...	...	...	...
Jamaica	2.7	-1.5	86	82	81	89	81	77	75	82	286		
Jordan	2.2	5.7	148	161	170	171	106	112	116	113	225		
Kenya	4.9	2.2	120	121	122	123	98	97	96	94	34		
Kuwait	2.8	15.3	255	267	261	264	320	322	302	296	2951		
Lao People's Dem. Rep.	6.8	12.1	248	272	301	330	208	223	241	259	53		
Lebanon	-7.6	1.6	120	123	124	122	98	99	98	95	152		
Lesotho	13.6	6.2	185	167	176	180	160	142	147	148	57		
Liberia	1.0	...	...	...	...	...	...	...	...	...	...
Libyan Arab Jamahiriya	8.9	7.6	175	172	184	213	152	147	153	173	796		
Madagascar	0.9	1.7	102	107	112	116	84	85	86	87	24		
Malawi	3.6	-2.7	82	84	87	79	74	74	75	66	22		
Malaysia	8.9	9.3	226	196	222	246	193	163	182	198	1258		
Maldives	12.0	8.8	181	198	219	233	147	156	168	173	63		
Mali	6.8	3.3	132	143	131	143	111	109	104	111	25		
Malta	1.7	4.7	144	144	151	157	135	134	140	145	2517		
Martinique	10.1	-0.2	64	67	69	71	61	63	65	67	472		
Mauritania	4.0	-1.3	93	97	109	94	76	77	84	70	33		
Mauritius	11.1	5.3	145	154	159	166	135	142	146	151	748		
Mexico	1.5	4.4	129	138	144	157	114	120	123	132	796		
Mongolia	5.8	1.1	90	93	94	98	81	83	83	86	210		
Montserrat	0.8	...	...	...	...	...	...	...	...	...	...

a/ At constant 1990 prices.
b/ Provisional.
c/ Estimate.

TABLE 1.3
(continued)
ANNUAL GROWTH OF MVA, 1980-2000 AND PER-CAPITA MVA, 2000^{a/}

Country group or country/area	Growth rate (percentage)			Total MVA			Per-capita MVA			Value (dollars) 2000 c/		
	Growth rate (percentage)			Index (1990 = 100)			Index (1990 = 100)					
	1980-1990	1990-2000		1997	1998	1999 b/	2000 c/	1997	1998		1999 b/	2000 c/
Morocco	4.1	2.4		120	123	126	124	105	105	106	102	197
Myanmar	-0.1	6.6		149	159	172	179	132	139	148	152	70
Namibia	3.7	4.2		131	140	141	145	109	114	112	113	241
Nepal	6.6	8.5		221	228	241	233	187	188	194	184	21
Netherlands Antilles	-1.0	0.9		98	102	105	105	88	88	93	92	609
New Caledonia	4.4	2.5		124	128	132	122	105	106	107	97	637
Nicaragua	-3.1	1.7		111	114	117	119	91	90	91	90	44
Niger	6.1	2.4		109	113	118	119	86	86	87	85	18
Nigeria	0.7	1.9		116	119	122	122	95	95	94	92	19
Oman	21.0	7.7		174	189	192	210	135	142	140	148	283
Pakistan	7.7	3.6		129	138	144	149	109	113	115	116	65
Panama	0.4	3.2		141	146	138	143	124	127	117	120	262
Papua New Guinea	0.8	5.2		171	176	171	158	143	144	137	123	95
Paraguay	2.1	0.5		106	107	102	106	88	86	80	82	176
Peru	-0.2	3.9		140	135	135	144	124	117	116	121	438
Philippines	0.2	3.0		122	120	122	128	104	101	101	104	187
Puerto Rico	3.7	4.2		137	141	148	155	127	130	135	140	5012
Qatar	8.7	6.0		130	138	153	182	110	115	124	146	3058
Republic of Korea	12.1	7.5		170	158	191	220	160	147	176	202	3434
Réunion	4.8	2.5		112	115	116	119	98	100	99	100	862
Rwanda	2.6	3.0		100	111	120	90	118	117	114	80	56
Saint Lucia	11.1	0.6		102	100	107	104	93	91	96	92	190
Sao Tome and Principe	-0.8	1.4		108	110	113	113	96	95	96	96	23
Saudi Arabia	7.5	2.3		133	137	136	143	113	112	107	109	561
Senegal	4.6	4.1		120	129	135	145	100	105	108	113	115
Seychelles	6.1	7.0		185	189	193	185	169	170	171	162	862
Sierra Leone	4.1	-0.7		97	98	84	91	96	95	79	84	6
Singapore	6.6	6.7		158	157	179	190	129	125	138	142	5049
Solomon Islands	2.3	1.3		120	113	118	112	94	86	87	80	15
Somalia	1.8	-1.3		93	95	99	102	85	84	84	83	6
Sri Lanka	6.3	8.1		178	189	197	214	164	173	179	193	122
St. Kitts and Nevis	2.6	3.9		124	123	133	138	133	132	143	153	623
St. Vincent and the Grenadines	4.7	0.2		116	110	108	101	111	104	101	127	127
Sudan	1.1	2.0		118	126	129	129	101	105	105	103	87
Suriname	-3.4	-2.2		73	74	80	78	71	72	78	75	388
Swaziland	15.9	3.2		123	127	131	134	109	110	111	111	362
Syrian Arab Republic	3.5	5.9		169	175	175	183	140	141	138	140	142
Thailand	9.5	5.8		181	162	180	176	165	145	159	153	650
Togo	1.7	2.3		110	116	118	113	93	95	93	87	41
Tonga	5.8	-0.3		93	91	97	93	92	89	94	91	55
Trinidad and Tobago	-1.4	4.5		119	136	150	157	113	129	141	147	531
Tunisia	3.7	5.4		145	151	159	168	129	133	139	145	370
Turkey	7.3	4.8		149	150	141	155	131	130	121	130	769

a/ At constant 1990 prices.
b/ Provisional.
c/ Estimate.

TABLE 1.3
(continued)
ANNUAL GROWTH OF MVA, 1980-2000 AND PER-CAPITA MVA, 2000^{a/}

Country group or country/area	Total MVA			Per-capita MVA			Value (dollars)				
	Growth rate (percentage)			Index (1990 = 100)							
	1980-1990	1990-2000	2000 c/	1997	1998	1999 b/		2000 c/			
Uganda	4.4	14.0	347	244	279	310	197	219	237	257	25
United Arab Emirates	2.9	4.2	133	133	133	137	109	107	108	113	1409
United Republic of Tanzania	-0.7	2.6	110	110	119	126	88	92	94	94	13
Uruguay	0.4	0.1	102	105	98	96	97	99	90	92	767
Vanuatu	15.1	2.1	111	111	121	130	104	97	101	95	51
Venezuela	4.4	1.1	121	117	109	114	104	98	90	92	464
Viet Nam	7.1	11.1	209	248	231	275	184	200	212	233	28
Yemen	7.2	4.6	137	143	142	157	97	97	94	99	84
Yugoslavia (former)	1.7	...	...	...	...	...	...	...	...	...	...
Zambia	4.0	0.6	106	108	111	104	88	88	88	80	46
Zimbabwe	2.8	0.7	112	111	109	110	96	94	90	89	156
Low income	5.9	5.9	152	152	153	162	132	130	134	137	88
Middle income	2.4	3.2	125	124	124	125	110	108	106	110	556
High income	8.5	5.8	151	148	148	166	138	132	146	158	2685
Africa	3.9	2.9	115	115	121	127	97	99	101	101	78
North Africa	4.5	3.4	119	119	125	132	103	106	111	113	198
UNA	4.2	1.6	105	107	112	115	91	92	94	95	224
Central Africa	2.9	-0.5	83	83	88	91	69	70	71	68	40
CEPGL	2.1	-2.9	64	66	66	66	54	53	52	45	15
CEMAC	4.8	0.7	95	102	102	106	79	82	84	83	95
Western Africa (ECOWAS)	2.6	3.6	122	131	137	137	101	105	107	105	42
Eastern and southern Africa	4.0	2.8	119	119	122	125	98	98	98	97	39
Latin America	1.4	2.9	123	123	124	123	109	109	105	111	643
LAIA	1.3	2.8	122	122	123	121	109	108	105	110	662
Andean group	2.1	1.9	124	124	122	115	108	104	96	100	309
CACM	1.3	4.9	134	143	143	159	111	116	126	124	210
CARTCOM	0.2	0.9	97	100	100	104	92	94	97	103	327
OECS	6.3	1.9	110	110	113	116	107	110	113	118	220
South and East Asia	9.0	8.9	192	192	195	214	173	173	187	199	300
ASEAN	7.5	6.5	181	181	165	178	160	143	153	154	292
West Asia and Europe	4.0	2.7	110	110	113	110	95	95	90	95	580
Least developed countries	2.2	4.3	126	126	134	140	106	109	111	113	37
African LDCs	2.0	1.7	103	103	108	112	86	87	88	86	27
NICs	4.0	4.5	132	132	140	152	117	117	121	129	452
Second-generation NICs	7.1	5.5	166	166	156	160	147	135	137	141	374
World	3.1	2.8	117	117	118	123	105	105	108	112	1037

a/ At constant 1990 prices.
b/ Provisional.
c/ Estimate.

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	1998	1999a/	2000b/	1985	1990	1995	1997	1998	1999a/
Industrialized countries	22.9	22.4	21.5	21.3	21.3	21.5	22.9	22.4	21.7	20.0	20.0	20.1
Eastern Europe and former USSR	30.2	31.1	27.7	28.8	29.5	29.2	31.1	31.1	21.7	21.2	21.1	20.6
EU	24.9	24.1	23.0	22.9	22.7	22.6	25.3	24.1	21.7	21.2	21.1	20.6
Austria	22.0	22.0	21.1	21.8	22.0	21.8	22.9	22.0	19.8	20.0	20.2	20.1
Belgium	22.6	22.5	21.3	22.3	22.0	22.2	23.0	22.5	20.1	19.9	19.5	18.7
Denmark	19.1	17.3	17.4	17.0	16.4	16.7	18.8	17.3	17.1	16.8	17.1	16.8
Finland	22.9	22.4	26.0	27.7	28.4	30.1	24.9	22.4	25.2	24.3	25.1	24.3
France	20.8	20.1	20.5	21.1	21.0	21.0	20.8	20.1	18.5	18.4	18.4	18.4
Germany, western part	33.3	31.7	27.8	27.3	26.9	26.3	32.6	31.7	26.2	25.8	26.0	25.8
Greece	16.7	15.6	14.2	13.9	13.8	14.1	18.2	15.6	13.0	12.2	11.6	11.7
Ireland	29.0	28.2	25.6	25.6	25.6	25.6	28.2	28.2	13.0	12.2	11.6	11.7
Italy	23.1	23.5	23.3	23.4	23.3	23.3	25.6	23.5	22.2	21.2	21.3	20.8
Luxembourg	22.4	20.1	15.4	15.8	14.5	14.0	24.1	20.1	14.3	13.1	13.4	11.5
Netherlands	19.4	19.2	18.8	18.0	17.9	17.8	17.8	19.2	17.9	17.1	17.0	16.6
Portugal	21.1	21.6	20.3	21.8	21.5	20.9	23.9	21.6	20.2	20.5	19.8	19.5
Spain	24.2	22.9	20.7	21.1	20.9	20.0	27.1	22.9	18.6	18.9	18.9	18.6
Sweden	22.0	20.9	23.4	25.3	25.2	26.5	27.1	20.9	22.1	21.8	21.6	21.1
United Kingdom	24.8	22.9	21.6	20.3	19.9	19.8	23.9	22.9	21.5	20.8	20.0	18.8
Other Western Europe	20.9	20.1	20.3	20.8	20.9	21.8	20.8	20.1	19.3	18.3	18.8	18.7
Iceland	19.4	16.4	16.2	16.1	16.0	15.8	17.9	16.4	16.1	16.9	16.4	16.2
Norway	15.1	12.5	11.6	11.4	11.0	10.9	13.7	12.5	13.4	12.4	12.8	11.9
Switzerland	23.7	23.7	25.1	26.3	26.7	28.1	25.1	23.7	21.9	21.4	21.8	22.2
Japan	25.8	25.8	24.2	23.5	23.4	23.9	27.3	25.8	22.1	22.0	21.1	20.7
North America	18.4	17.9	18.5	18.5	18.8	19.1	19.0	17.9	17.5	16.7	16.5	16.3
Canada	18.3	17.5	17.9	18.4	18.7	18.9	18.4	17.5	19.2	18.9	19.5	19.8
United States of America	18.4	17.9	18.6	18.5	18.8	19.1	19.0	17.9	17.4	16.6	16.3	16.1
Others	18.2	17.1	16.5	15.8	15.4	15.3	18.7	17.1	16.9	16.5	16.4	16.0
Australia	14.8	13.8	12.8	12.3	11.9	11.6	16.7	13.8	13.8	13.5	13.5	13.1
Israel	22.6	21.1	22.8	22.8	22.1	23.0	22.1	21.1	21.2	21.3	21.3	21.3
New Zealand	21.0	18.4	18.8	17.6	17.4	17.3	21.5	18.4	18.9	19.5	19.8	19.8
South Africa	23.6	23.6	22.9	21.8	21.6	21.7	21.7	23.6	21.2	20.0	19.1	19.2

a/ Provisional.
b/ Estimate.

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	1998	1999a/ 2000b/	1985	1990	1995	1997	1998	1999a/ 1999b/
Developing countries excluding China	21.4	22.2	24.0	24.6	25.2	21.5	22.2	22.5	22.3	21.8	22.0
Algeria	20.4	20.9	21.2	21.2	21.6	19.6	20.9	20.3	19.6	18.9	19.1
Angola	15.3	12.1	7.5	6.2	6.1	12.2	12.1	11.7	9.3	10.6	9.6
Antigua	9.7	5.0	4.6	4.4	4.6	10.1	5.0	4.1	4.5	6.5	3.6
Antigua and Barbuda	0.7	0.7	0.6	0.6	0.7	1.0	0.7	0.7	0.7	0.7	0.7
Argentina	3.5	3.3	2.4	2.4	2.4	4.1	3.3	2.3	2.1	2.2	2.2
Bahrain	26.8	26.5	24.7	24.6	23.2	29.3	26.5	17.1	18.0	17.7	16.8
Bangladesh	13.2	15.2	19.1	19.6	20.6	9.2	15.2	17.3	17.3	17.2	17.4
Barbados	13.4	12.7	15.4	16.2	15.9	14.8	12.7	14.7	15.0	15.6	14.9
Belize	10.4	10.1	10.1	9.8	9.3	10.6	10.1	10.1	9.9	9.8	9.3
Benin	17.2	15.0	15.0	13.9	13.7	16.7	15.0	15.8	15.8	15.2	14.9
Bermuda	6.4	7.8	8.0	8.0	8.1	7.9	7.8	8.6	8.4	8.2	8.3
Bhutan	10.0	10.0	9.9	9.9	9.9	10.0	10.0	11.2	11.3	11.5	12.2
Bolivia	5.7	8.1	10.3	11.5	12.1	5.4	8.1	11.2	15.6	15.8	15.6
Botswana	16.1	18.2	18.2	18.3	18.1	15.5	18.2	17.9	15.6	15.8	15.6
Brazil	4.0	4.9	4.6	4.8	4.8	5.6	4.9	4.7	4.8	4.8	5.0
British Virgin Islands	29.2	26.5	24.1	23.6	23.2	34.1	26.5	23.8	23.1	22.9	23.3
Brunei Darussalam	2.4	3.0	3.8	3.8	3.9	5.0	3.0	2.6	2.5	2.5	2.4
Burkina Faso	7.4	8.8	6.1	5.7	5.3	9.9	8.8	8.2	8.3	8.3	8.4
Burundi	16.6	15.8	14.5	15.8	16.8	15.3	15.8	19.9	20.4	21.5	21.8
Cambodia	12.2	12.9	10.3	8.6	9.6	8.1	12.9	12.1	9.7	7.9	8.7
Cameroon	4.1	5.2	5.6	6.7	7.0	8.1	5.2	5.1	5.8	6.2	6.1
Cape Verde	12.9	14.5	12.5	14.6	14.9	11.5	14.5	10.2	10.3	10.4	10.0
Central African Republic	7.1	8.2	6.0	7.2	7.0	5.5	8.2	10.0	9.4	8.9	8.5
Chad	11.2	11.3	11.4	9.2	9.5	9.8	11.3	10.2	9.7	9.4	9.3
Chile	17.7	21.9	16.1	16.9	16.1	15.9	21.9	18.3	18.6	19.2	18.0
China	19.2	19.6	18.9	17.3	17.0	16.2	19.6	18.1	17.2	16.4	16.4
China (Hong Kong SAR)	31.6	33.1	40.4	42.1	42.5	34.6	33.1	37.4	38.2	37.5	37.5
China (Taiwan Province)	20.9	16.3	11.9	10.0	9.1	20.5	16.3	7.7	6.0	5.5	5.3
Colombia	35.7	32.7	29.7	28.9	29.3	36.9	32.7	27.5	27.3	26.9	26.1
Comoros	20.0	19.9	14.7	16.4	14.3	21.3	19.9	15.4	14.4	14.5	13.1
Congo	3.5	4.2	4.3	4.3	4.3	3.7	4.2	5.3	5.3	5.3	5.4
Costa Rica	7.5	8.3	7.4	6.9	7.7	5.6	8.3	6.9	6.1	7.6	6.6
Côte d'Ivoire	22.4	21.9	22.3	23.2	26.8	25.0	21.9	22.8	23.2	24.3	30.9
Cuba	25.6	23.6	26.0	27.4	25.6	27.5	23.6	17.2	19.4	20.3	21.0
Cyprus	16.6	14.8	12.1	10.5	10.1	16.3	14.8	12.4	12.2	12.0	11.9
Democratic Rep. of the Congo	12.6	11.0	8.5	8.8	9.2	9.7	11.0	11.0	11.0	11.0	11.0
Djibouti	5.3	5.3	4.5	5.2	5.3	4.8	5.3	5.4	5.8	5.9	5.9
Dominica	6.9	7.1	6.8	8.0	6.4	6.4	7.1	7.5	7.7	8.9	8.6
Dominican Republic	16.9	18.0	18.3	17.0	16.2	12.3	18.0	18.3	17.5	17.3	17.0
Ecuador	21.9	20.1	19.6	19.9	19.9	19.7	20.1	21.9	22.2	22.7	22.1

a/ Provisional.
b/ Estimate.

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	1998	1999a/	2000b/	1985	1990	1995	1997	1998	1999a/
	Egypt	15.8	17.8	18.7	20.2	20.8	20.8	13.5	17.8	17.4	18.1	18.6	19.5
El Salvador	20.8	21.8	22.7	24.3	24.3	24.5	17.9	21.8	21.4	21.0	21.4	22.5
Equatorial Guinea	2.5	1.3	1.5	1.5	1.7	1.6	1.7	1.3	0.8	1.2	1.2	1.3
Ethiopia	9.0	7.8	6.2	5.9	5.9	5.7	7.2	7.8	7.7	7.7	7.7	7.7
Fiji	9.9	10.5	11.5	11.4	11.8	11.8	9.7	10.5	14.7	14.0	15.5	14.5
French Guiana	8.5	5.2	5.4	5.3	5.4	5.4	8.5	5.2	6.8	6.9	6.9	6.9
French Polynesia	8.3	7.3	7.7	7.8	7.9	7.7	7.2	7.3	5.0	4.5	4.9	5.2
Gabon	8.3	5.6	5.0	4.7	5.2	5.1	7.2	5.6	6.1	6.0	5.7	5.6
Gambia	6.1	6.6	6.2	5.6	5.4	5.2	8.0	6.6	9.3	9.0	9.0	8.9
Ghana	9.0	9.8	8.9	9.0	9.2	9.3	11.5	9.8	6.6	6.7	7.1	7.4
Grenada	5.2	6.6	7.1	7.9	8.1	8.8	6.1	6.6	6.6	6.7	7.1	7.4
Guadeloupe	5.3	5.9	...	...	...	...	5.9	5.9	...	...	...	...
Guatemala	15.8	15.0	14.1	13.6	13.4	13.3	15.8	15.0	14.1	13.7	13.6	13.4
Guinea	3.5	4.6	3.7	3.6	3.7	3.5	4.5	4.6	4.7	4.4	4.3	4.0
Guinea-Bissau	11.9	7.1	6.2	4.8	3.8	6.2	8.7	7.1	6.7	9.5	7.8	8.2
Guyana	16.1	10.3	9.3	8.3	8.9	8.7	13.9	10.3	11.4	11.4	9.4	10.1
Haiti	15.7	15.8	7.2	7.2	7.9	9.8	19.1	15.8	6.1	6.9	7.1	6.7
Honduras	15.7	16.3	16.2	16.6	17.2	16.7	14.5	16.3	17.8	17.9	18.6	19.6
India	17.1	18.7	20.2	19.6	19.9	20.0	17.9	18.7	19.3	18.0	16.9	17.2
Indonesia	17.2	20.7	23.9	25.4	26.0	24.8	15.8	20.7	24.1	26.8	24.1	25.4
Iran (Islamic Republic of)	9.0	12.3	12.5	13.3	13.4	13.4	8.5	12.3	14.2	15.8	17.3	16.8
Iraq	12.1	8.4	...	...	...	...	9.1	8.4	...	...	...	...
Jamaica	19.2	18.2	15.2	14.2	14.0	15.3	18.4	18.2	14.6	13.8	12.9	13.0
Jordan	11.9	17.0	18.5	19.0	19.7	19.2	13.2	17.0	17.1	15.8	17.5	18.0
Kenya	11.0	11.4	11.6	11.4	11.3	11.4	11.4	11.4	9.6	9.9	10.1	10.4
Kuwait	7.7	11.5	17.5	19.8	19.8	19.5	5.9	11.5	10.8	11.3	10.7	11.3
Lao People's Dem. Rep.	7.6	10.0	14.0	16.5	17.3	17.9	10.0	10.0	14.0	15.6	16.4	17.3
Lebanon	13.9	13.1	8.4	8.0	8.0	7.7	12.8	13.1	11.4	10.5	10.1	9.9
Lesotho	10.2	11.8	15.2	14.4	14.8	14.8	8.4	11.8	13.1	14.3	14.3	14.7
Liberia	6.6	6.9	...	...	...	...	6.5	6.9	...	...	...	...
Libyan Arab Jamahiriya	6.8	7.9	11.2	12.1	12.6	14.2	4.3	7.9	...	...	...	...
Madagascar	12.3	12.0	11.6	11.5	11.6	11.5	11.3	12.0	11.6	11.1	11.2	11.4
Malawi	17.3	19.5	15.1	11.6	11.4	10.1	14.5	19.5	16.1	13.6	13.8	13.7
Malaysia	19.9	26.5	29.4	29.2	31.6	32.4	21.1	26.5	28.8	31.0	31.3	34.5
Maldives	5.3	5.4	5.8	6.0	6.1	6.1	5.4	5.4	6.5	6.9	6.8	6.8
Mali	7.9	8.6	9.1	8.9	8.3	8.6	7.3	8.6	8.0	4.2	4.3	4.1
Malta	30.2	27.0	26.5	26.7	27.1	27.3	29.4	27.0	22.7	21.9	21.5	21.1
Martinique	5.8	7.2	4.4	4.4	4.5	4.4	...	7.2	...	...	...	...
Mauritania	12.7	10.3	9.0	7.3	7.8	6.4	12.9	10.3	11.2	10.0	9.4	10.0
Mauritius	19.7	23.6	23.5	23.8	23.9	24.0	20.6	23.6	24.0	24.0	24.0	24.6
Mexico	19.3	20.6	20.1	22.3	22.4	22.9	20.4	20.6	19.8	21.1	21.1	20.8
Mongolia	26.5	29.0	29.5	29.8	29.0	30.1	26.0	29.0	15.5	7.2	5.4	5.9
Montserrat	6.3	5.8	...	...	...	...	5.7	5.8	...	...	...	...

a/ Provisional.
b/ Estimate.

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	1998	1999a/	2000b/	1985	1990	1995	1997	1998	1999a/
Morocco	19.9	19.4	20.9	19.4	20.1	19.5	19.5	19.4	19.3	18.6	18.0	18.3
Myanmar	8.5	7.8	8.1	8.2	8.3	8.2	9.9	7.8	6.9	7.1	7.0	6.5
Namibia	11.5	13.9	14.3	14.8	14.5	14.4	10.9	13.9	16.0	14.4	16.4	15.4
Nepal	5.9	6.0	8.9	9.4	9.6	8.8	5.6	9.4	9.4	9.3	9.4	9.1
Netherlands Antilles	6.8	6.8	6.3	6.6	6.6	6.4	6.8	6.8	6.8	5.9	5.9	5.8
New Caledonia	4.7	4.4	4.4	4.3	4.3	4.4	4.4	4.4	3.9	3.8	3.7	3.7
Nicaragua	19.8	16.9	16.4	15.5	15.0	14.7	28.0	16.9	16.5	15.6	15.3	14.6
Niger	5.2	6.6	6.3	6.1	6.4	6.3	7.1	6.6	6.4	6.6	6.2	6.5
Nigeria	5.7	5.5	5.5	5.4	5.3	5.3	8.7	5.5	5.4	5.1	5.4	5.3
Oman	2.2	2.9	3.5	3.7	3.7	3.9	2.0	2.9	4.7	3.6	3.9	3.6
Pakistan	16.3	17.4	18.0	16.9	17.1	17.0	15.9	17.4	17.1	15.9	15.8	15.6
Panama	10.4	10.5	10.7	10.4	9.5	9.6	13.3	10.5	9.7	9.7	8.9	8.5
Papua New Guinea	11.5	9.2	8.5	10.7	10.1	9.2	11.2	9.2	8.7	9.5	9.4	8.5
Paraguay	17.8	17.3	16.2	15.3	14.7	15.3	14.6	17.3	15.7	14.9	16.0	14.4
Peru	26.8	27.0	26.8	25.3	25.1	25.8	25.5	27.0	23.1	22.9	23.1	23.6
Philippines	24.6	24.8	24.7	24.3	23.8	24.1	25.2	24.8	23.0	22.3	21.8	21.5
Puerto Rico	41.2	38.9	40.0	39.7	40.1	40.3	39.2	38.9	41.3	41.9	42.4	42.7
Qatar	11.1	12.7	12.8	13.8	14.5	15.1	7.8	12.7	8.3	10.0	9.3	8.6
Republic of Korea	25.6	28.9	30.1	29.9	32.9	35.0	29.5	28.9	29.2	28.7	30.5	30.6
Réunion	9.2	10.0	9.1	9.1	9.0	9.0	...	10.0	...	...	...	...
Rwanda	17.5	18.7	21.2	22.7	23.3	16.7	15.0	18.7	10.6	13.3	13.0	11.7
Saint Lucia	8.5	8.1	7.1	5.5	5.7	6.3	8.4	8.1	6.9	6.6	6.1	6.0
Sao Tome and Principe	6.1	5.6	5.4	5.3	5.3	5.3	7.7	5.6	4.7	5.2	5.3	5.2
Saudi Arabia	7.3	7.6	8.5	8.7	8.7	8.9	7.8	7.6	8.9	9.2	9.9	9.6
Senegal	12.0	13.1	13.5	13.4	13.6	13.6	12.8	13.1	14.7	15.3	15.8	16.9
Seychelles	7.8	10.1	11.1	14.9	14.9	14.2	9.6	10.1	12.6	13.1	13.4	13.7
Sierra Leone	3.4	3.7	5.5	4.9	4.5	4.7	3.7	3.7	6.2	4.2	4.0	4.2
Singapore	22.2	27.2	26.4	24.3	26.4	25.4	23.6	27.2	24.7	23.0	23.1	25.9
Solomon Islands	3.6	3.5	3.1	3.0	3.1	3.4	4.5	3.5	3.0	2.9	2.9	2.8
Somalia	4.1	4.6	5.8	5.8	5.9	5.9	5.0	4.6	5.4	5.4	5.4	5.4
Sri Lanka	12.6	14.8	17.4	18.5	18.5	19.0	14.7	14.8	15.7	16.4	16.5	16.4
St. Kitts and Nevis	16.1	12.8	11.2	11.3	11.9	12.1	12.2	12.8	10.9	10.4	9.9	10.5
St. Vincent and the Grenadines	9.9	8.2	8.0	7.0	6.5	5.9	10.9	8.2	8.1	7.4	6.6	6.3
Sudan	8.7	8.6	7.7	7.8	7.7	7.1	11.1	8.6	9.5	11.3	11.6	11.6
Suriname	13.9	12.3	10.1	9.1	9.8	9.3	12.3	12.3	12.3	8.8	7.5	7.7
Swaziland	15.2	35.9	35.9	35.8	36.2	35.8	16.3	35.9	35.5	34.2	31.8	31.7
Syrian Arab Republic	6.8	5.3	5.4	5.6	5.6	5.5	7.7	5.3	6.4	7.1	7.1	6.5
Thailand	22.0	27.2	30.3	31.7	33.9	31.7	21.9	27.2	28.2	28.5	30.7	32.4
Togo	7.5	9.9	10.3	10.3	9.9	9.9	6.7	9.9	9.9	8.4	9.4	9.3
Tonga	6.0	6.1	4.6	5.0	5.3	4.8	5.1	6.1	4.2	4.0	3.8	3.8
Trinidad and Tobago	7.0	8.7	8.9	10.3	10.5	10.5	7.4	8.7	8.3	7.9	8.4	8.0
Tunisia	19.9	16.9	18.4	17.8	17.7	17.8	15.1	16.9	18.9	18.4	18.4	18.2
Turkey	20.4	22.2	23.6	24.3	24.0	24.6	19.0	22.2	22.6	21.3	21.9	22.9

a/ Provisional.
b/ Estimate.

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	1998	1999a/	2000b/	1985	1990	1995	1997	1998	1999a/
	Uganda	5.4	5.7	7.5	9.9	10.2	10.9	5.8	5.7	6.8	8.6	8.9	8.7
United Arab Emirates	8.6	7.2	7.8	8.1	7.9	8.0	8.7	7.2	9.8	11.4	12.1	11.8
United Republic of Tanzania	9.6	9.3	8.4	8.9	8.9	8.6	10.0	9.3	7.2	6.9	7.4	7.4
Uruguay	28.3	28.0	21.5	20.9	19.8	20.5	29.4	28.0	19.7	19.0	18.8	16.7
Vanuatu	3.2	5.3	4.5	4.6	5.1	4.8	4.3	5.3	4.6	4.5	4.6	4.8
Venezuela	21.3	20.5	20.6	19.1	19.1	19.5	21.9	20.5	18.1	17.2	15.4	14.4
Viet Nam	14.0	12.3	13.6	15.4	15.7	16.4	17.0	12.3	15.4	16.5	17.1	17.7
Yemen	12.2	9.6	12.1	10.9	10.5	11.2	11.5	9.6	14.9	10.8	12.9	10.8
Yugoslavia (former)	34.0	31.2	...	...	...	...	41.0	31.2	...	...	...	...
Zambia	11.0	14.0	13.4	14.6	14.4	13.0	9.9	14.0	11.3	13.2	13.0	12.0
Zimbabwe	22.4	22.8	21.0	20.5	19.7	21.0	19.9	22.8	21.8	18.2	17.0	17.4
Low income	15.3	16.8	18.2	18.2	18.4	18.3	15.1	16.8	16.7	16.0	14.0	14.7
Middle income	22.2	21.9	21.5	21.6	21.5	21.7	22.1	21.9	20.8	20.5	20.3	20.0
High income	21.2	22.7	23.2	23.0	24.5	25.3	19.8	22.7	22.3	21.3	21.1	21.7
Africa	12.6	12.3	11.9	12.1	12.4	12.3	10.8	12.3	11.4	10.6	11.1	12.5
North Africa	14.1	13.8	13.5	13.5	13.8	13.8	12.1	13.8	14.9	14.0	14.6	14.8
UMA	14.7	13.2	12.5	11.8	12.0	12.0	11.4	13.2	13.8	11.7	12.3	11.8
Central Africa	11.5	10.4	9.1	9.5	10.0	9.8	10.0	10.4	7.9	7.6	8.4	7.4
CEPGL	13.5	12.7	11.2	12.5	13.5	12.2	10.4	12.7	9.0	9.4	9.2	9.0
CEMAC	11.3	11.6	9.8	10.4	11.0	11.0	9.8	11.6	8.6	8.2	8.8	8.4
Western Africa (ECOWAS)	9.8	9.5	9.2	9.9	10.0	9.8	9.3	9.5	7.3	6.7	7.2	9.5
Eastern and southern Africa	12.1	12.8	12.1	12.2	12.0	12.0	10.8	12.8	12.0	11.6	11.3	11.3
Latin America	25.0	24.1	22.6	22.8	22.4	22.8	25.7	24.1	21.1	21.1	20.9	20.6
LAIA	25.0	24.1	22.4	22.7	22.2	22.6	26.1	24.1	20.8	20.8	20.6	20.0
Andean group	22.3	21.6	19.7	19.7	19.1	19.7	21.7	21.6	18.5	17.7	17.3	16.3
CADW	18.9	18.7	18.8	19.2	20.3	20.0	18.8	18.7	18.5	18.3	18.6	20.8
CARICOM	11.6	12.2	11.0	10.8	10.9	11.1	10.2	12.2	10.9	10.5	10.1	9.9
OECS	7.2	6.8	6.3	6.2	6.2	6.2	7.3	6.8	6.2	6.0	5.9	5.9
South and East Asia	22.8	25.1	28.3	29.1	30.1	30.4	24.4	25.1	26.1	26.0	25.3	25.1
ASEAN	18.9	23.0	25.3	25.5	26.7	25.9	19.1	23.0	22.7	22.2	19.1	19.2
West Asia and Europe	16.8	16.2	16.1	16.8	16.4	16.8	14.1	16.2	15.8	15.2	15.6	15.2
Least developed countries	10.2	9.7	9.9	10.1	10.2	10.0	10.6	9.7	9.2	8.7	8.5	7.7
African LDCs	9.7	9.2	8.4	8.5	8.5	8.2	9.2	9.2	8.7	8.8	9.0	8.5
NICS	25.5	25.2	24.2	23.9	24.4	24.9	26.8	25.2	22.9	22.3	21.7	21.9
Second-generation NICs	20.2	22.8	24.6	25.3	25.9	25.6	19.4	22.8	23.8	24.1	23.3	24.6
World	22.7	22.4	22.0	22.0	22.1	22.3	...	22.4	...	...	...	...

a/ Provisional.
b/ Estimate.

Section 1.2

THE MANUFACTURING BRANCHES

TABLE 1.5 DISTRIBUTION OF WORLD VALUE ADDED, SELECTED BRANCHES AND YEARS^{a/}

(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	Second-generation NICs		Others
				EU b/	Other									
Food products and beverages (311/2/3)	1985	83.6	15.4	28.6	1.3	13.9	22.0	2.4	16.4	8.3	2.7	5.4	100.0	
	1990	82.6	13.3	30.2	1.3	13.6	21.8	2.4	17.4	8.9	3.3	5.2	100.0	
	1995	80.5	7.1	33.7	1.3	13.1	22.7	2.6	19.5	9.9	4.2	5.4	100.0	
	2000	79.5	7.1	33.9	1.1	12.1	22.6	2.7	20.5	10.0	4.8	5.7	100.0	
Tobacco (314)	1985	70.7	6.0	34.0	1.1	3.0	26.0	0.6	29.3	12.7	7.2	9.4	100.0	
	1990	70.4	4.8	34.6	1.1	2.9	26.4	0.6	29.6	13.0	8.0	8.6	100.0	
	1995	66.2	3.0	32.8	1.1	2.7	26.0	0.6	33.8	13.2	11.9	8.7	100.0	
	2000	61.4	2.8	33.2	1.0	2.5	21.2	0.7	38.6	15.1	14.1	9.4	100.0	
Textiles (321)	1985	77.0	18.0	27.4	0.9	15.2	14.0	1.5	23.0	13.9	3.3	5.8	100.0	
	1990	74.9	17.2	27.7	0.8	13.2	14.6	1.4	25.1	14.6	4.9	5.6	100.0	
	1995	70.2	4.9	32.1	0.9	10.7	20.0	1.6	29.8	17.2	6.0	6.6	100.0	
	2000	67.4	5.2	32.3	0.8	8.5	19.1	1.5	32.6	18.6	6.6	7.4	100.0	
Wearing app., leather, footwear (322/3/4)	1985	77.3	13.6	33.9	0.6	10.2	17.1	1.9	22.7	14.9	3.3	4.5	100.0	
	1990	75.3	13.7	31.2	0.5	10.2	17.6	2.1	24.7	15.0	5.0	4.7	100.0	
	1995	74.9	5.3	33.6	0.5	11.8	21.1	2.6	25.1	13.2	6.3	5.6	100.0	
	2000	71.9	7.0	31.7	0.5	9.3	20.8	2.6	28.1	13.6	7.8	6.7	100.0	
Wood and cork products (331)	1985	88.9	8.5	29.8	3.3	18.7	25.4	3.2	11.1	5.7	2.4	3.0	100.0	
	1990	88.1	7.3	32.2	3.4	17.5	24.9	2.8	11.9	4.6	4.8	2.5	100.0	
	1995	87.5	4.3	35.6	3.2	14.4	26.6	3.4	12.5	4.1	5.8	2.6	100.0	
	2000	88.6	5.3	37.9	3.4	9.8	28.4	3.8	11.4	3.6	5.4	2.4	100.0	
Paper (341)	1985	90.5	5.7	32.0	1.3	13.3	36.0	2.2	9.5	6.7	1.2	1.6	100.0	
	1990	89.6	3.6	33.0	1.2	14.9	34.8	2.1	10.4	7.2	1.5	1.7	100.0	
	1995	88.2	1.7	33.9	1.2	14.2	35.2	2.0	11.8	7.8	2.2	1.8	100.0	
	2000	87.7	1.8	34.2	1.1	13.7	34.9	2.0	12.3	8.1	2.3	1.9	100.0	
Printing and publishing (342)	1985	94.2	0.9	27.4	2.4	22.0	39.4	2.1	5.8	3.9	0.7	1.2	100.0	
	1990	93.8	0.8	29.6	2.3	20.9	38.1	2.1	6.2	4.3	0.8	1.1	100.0	
	1995	92.3	0.6	29.5	2.3	22.8	34.9	2.0	7.7	5.3	1.0	1.4	100.0	
	2000	92.5	0.7	31.4	2.6	20.2	35.4	2.2	7.5	4.9	1.2	1.4	100.0	
Chemicals (351/2)	1985	85.6	7.8	34.2	1.4	15.6	25.3	1.3	14.4	9.3	1.7	3.4	100.0	
	1990	84.7	5.8	33.0	1.6	16.9	26.1	1.3	15.3	9.7	2.0	3.6	100.0	
	1995	82.4	2.3	34.9	1.9	16.6	25.4	1.3	17.6	10.8	2.6	4.2	100.0	
	2000	81.3	1.9	35.8	2.5	14.4	25.4	1.3	18.7	11.9	2.6	4.2	100.0	

a/ At constant 1990 prices. China, but not the Hong Kong SAR and Taiwan Province, is excluded.
b/ After 1990 including estimates for the eastern part of Germany.

DISTRIBUTION OF WORLD VALUE ADDED, SELECTED BRANCHES, AND YEARS^{a/}TABLE 1.5
(continued)

(Percentage)

Branch (1SIC)	Year	Industrialized countries								Developing countries				World
		All countries	Eastern Europe and former USSR	Western Europe			Japan	North America	Others	All countries	NICs	Second-generation NICs	Others	
				EU b/	Other	Other								
Petroleum incl. coal products (353/4)	1985	68.7	13.8	33.6	0.3	4.2	14.7	2.1	31.3	11.9	7.5	11.9	100.0	
	1990	64.4	11.3	31.6	0.3	4.1	15.0	2.1	35.6	12.3	9.7	13.6	100.0	
	1995	59.8	5.5	32.8	0.3	4.4	14.6	2.2	40.2	14.1	12.8	13.3	100.0	
	2000	57.3	5.1	30.4	0.3	4.2	15.1	2.2	42.7	16.6	11.9	14.2	100.0	
Rubber and plastic products (355/6)	1985	86.3	6.1	33.6	1.1	21.6	22.1	1.8	13.7	10.1	1.6	2.0	100.0	
	1990	85.9	4.0	34.8	1.1	21.8	22.4	1.8	14.1	10.3	2.0	1.8	100.0	
	1995	84.8	1.8	35.3	0.8	18.6	26.2	2.1	15.2	10.1	3.0	2.1	100.0	
	2000	84.4	2.3	36.0	0.8	16.0	27.3	2.0	15.6	9.5	3.9	2.2	100.0	
Non-metallic mineral prods. (361/2/9)	1985	84.9	9.4	36.6	1.7	18.7	16.5	2.0	15.1	8.7	2.5	3.9	100.0	
	1990	83.3	8.3	37.3	1.4	19.0	15.4	1.9	16.7	9.1	3.6	4.0	100.0	
	1995	78.7	4.0	38.3	1.2	17.2	15.9	2.1	21.3	11.1	5.6	4.6	100.0	
	2000	77.9	4.3	37.7	1.4	15.0	17.8	1.7	22.1	12.0	5.5	4.6	100.0	
Basic metals (371/2)	1985	86.0	14.8	30.8	1.0	20.6	16.1	2.7	14.0	10.0	1.0	3.0	100.0	
	1990	83.4	12.5	30.2	1.0	21.4	15.5	2.8	16.6	11.5	2.0	3.1	100.0	
	1995	78.8	6.5	32.3	1.0	19.3	16.8	2.9	21.2	14.3	3.1	3.8	100.0	
	2000	77.0	6.1	31.5	1.0	17.7	17.5	3.1	23.0	16.2	3.1	3.7	100.0	
Metal products (381)	1985	91.1	4.7	37.0	1.7	21.4	23.6	2.7	8.9	6.2	0.8	1.9	100.0	
	1990	90.7	3.5	38.9	1.7	22.5	21.7	2.4	9.3	6.5	1.2	1.6	100.0	
	1995	89.6	1.6	39.3	1.8	20.6	23.7	2.6	10.4	6.9	1.7	1.8	100.0	
	2000	89.6	2.1	41.3	1.9	16.6	25.1	2.6	10.4	6.8	1.8	1.8	100.0	
Non-electrical machinery (382)	1985	92.9	12.5	36.9	1.9	21.1	19.6	0.9	7.1	5.7	0.5	0.9	100.0	
	1990	93.3	10.1	35.8	1.8	23.0	21.8	0.8	6.7	5.6	0.5	0.6	100.0	
	1995	93.0	4.8	33.3	1.5	16.7	36.0	0.7	7.0	5.6	0.8	0.6	100.0	
	2000	95.5	4.2	23.0	1.0	8.8	58.1	0.4	4.5	3.5	0.6	0.4	100.0	
Electrical machinery (383)	1985	90.5	8.8	35.6	1.9	23.8	19.0	1.4	9.5	7.3	0.9	1.3	100.0	
	1990	88.7	6.5	33.8	1.8	26.6	18.8	1.1	11.3	8.9	1.4	1.0	100.0	
	1995	87.2	2.3	31.0	1.5	23.6	27.7	1.1	12.8	9.8	2.2	0.8	100.0	
	2000	90.0	2.0	22.8	1.0	16.6	47.0	0.6	10.0	7.4	2.1	0.5	100.0	
Transport equipment (384)	1985	89.1	6.6	34.2	0.4	17.6	28.7	1.6	10.9	8.5	1.1	1.3	100.0	
	1990	89.6	5.4	35.4	0.4	19.7	27.3	1.4	10.4	8.0	1.7	0.7	100.0	
	1995	85.6	2.7	33.7	0.5	18.2	29.0	1.5	14.4	10.6	2.8	1.0	100.0	
	2000	83.9	3.0	34.0	0.4	16.1	28.9	1.5	16.1	12.7	2.5	0.9	100.0	

a/ At constant 1990 prices. China, but not the Hong Kong SAR and Taiwan Province, is excluded.
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 2000^{a/}
(Percentage)

Branch (ISIC)	Developing regions												Least developed countries	
	North Africa		Sub-Saharan Africa		Latin America		South and East Asia		West Asia and Europe		All countries		1990	2000
	1990	2000	1990	2000	1990	2000	1990	2000	1990	2000	1990	2000	1990	2000
Food products and beverages (311/2/3)	4.4	4.2	6.5	5.6	45.7	44.1	31.7	37.4	11.7	8.7	100.0	100.0	5.8	6.7
Tobacco (314)	5.3	4.5	3.7	2.4	40.9	37.0	39.4	43.6	10.7	12.5	100.0	100.0	4.8	5.7
Textiles (321)	4.7	4.1	3.8	3.6	23.1	20.7	54.2	59.4	14.2	12.2	100.0	100.0	4.6	4.3
Wearing app., leather, footwear (322/3/4)	4.1	5.3	2.4	2.9	34.3	35.7	43.4	43.6	15.8	12.5	100.0	100.0	3.1	5.4
Wood and cork products (331)	5.1	4.0	6.2	6.2	20.9	24.1	55.2	54.7	12.6	11.0	100.0	100.0	2.6	3.2
Paper (341)	2.7	1.9	2.0	1.4	46.3	44.3	37.9	45.1	11.1	7.3	100.0	100.0	1.7	1.0
Printing and publishing (342)	1.9	1.0	3.0	2.5	41.3	43.7	42.6	46.1	11.2	6.7	100.0	100.0	2.2	2.0
Chemicals (351/2)	2.6	2.0	1.7	1.3	47.1	40.5	36.3	47.6	12.3	8.6	100.0	100.0	1.5	1.2
Petroleum incl. coal products (353/4)	6.4	5.1	1.8	1.5	33.8	27.2	33.8	44.0	24.2	22.2	100.0	100.0	1.4	1.2
Rubber and plastic products (355/6)	1.2	1.0	2.0	1.7	33.4	33.0	54.4	54.4	9.0	9.9	100.0	100.0	0.6	0.6
Non-metallic mineral prods. (361/2/9)	7.0	6.0	2.4	2.1	33.0	28.8	40.2	48.0	17.4	15.1	100.0	100.0	2.2	1.8
Basic metals (371/2)	3.3	2.7	1.0	1.2	39.0	34.5	45.0	54.1	11.7	7.5	100.0	100.0	0.6	0.5
Metal products (381)	4.3	3.8	2.5	2.1	34.3	36.8	45.7	49.3	13.2	8.0	100.0	100.0	1.4	1.4
Non-electrical machinery (382)	1.9	1.4	0.5	0.3	38.2	31.0	48.0	58.7	11.4	8.6	100.0	100.0	0.4	0.3
Electrical machinery (383)	2.0	1.0	0.6	-0.3	29.0	18.6	60.1	74.8	8.3	5.3	100.0	100.0	0.5	0.2
Transport equipment (384)	1.8	0.8	1.3	0.6	40.9	35.8	47.2	58.9	8.8	3.9	100.0	100.0	0.6	0.3

a/ At constant 1990 prices. China, but not the Hong Kong SAR and Taiwan Province, is excluded.

TABLE 1.7 LEADING PRODUCERS IN SELECTED BRANCHES, 1990 AND 2000

World leading countries			Leading developing countries				
1990		2000		1990		2000	
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 and beverages (311/2/3)							
United States of America	22.6	United States of America	22.6	Brazil	12.9	Brazil	12.2
Japan	15.7	Japan	13.4	Mexico	9.2	Mexico	9.8
Germany, western part	8.3	Germany, western part	8.7	Argentina	8.9	Argentina	9.6
France	5.6	France	5.4	Republic of Korea	5.9	India	6.1
United Kingdom	5.2	United Kingdom	4.7	India	5.1	Republic of Korea	5.7
Italy	4.1	Italy	4.0	Yugoslavia (former)	4.3	Philippines	5.7
Spain	3.8	Spain	3.5	Turkey	4.0	Indonesia	4.7
Brazil	2.6	Brazil	2.8	Philippines	3.8	Turkey	4.1
Canada	2.5	Canada	2.5	Thailand	3.8	Thailand	4.1
Mexico	1.9	Mexico	2.2	China (Taiwan Province)	3.4	China (Taiwan Province)	3.9
Netherlands	1.8	Argentina	2.2	Indonesia	2.5	Myanmar	2.6
Argentina	1.8	Netherlands	1.9	Colombia	2.3	Malaysia	2.4
Australia	1.4	Australia	1.5	Puerto Rico	1.8	Peru	1.9
Belgium	1.3	India	1.4	Peru	1.6	Colombia	1.7
Republic of Korea	1.2	Belgium	1.3	Venezuela	1.5	Egypt	1.5
Sum of above	79.8	Sum of above	78.2	Sum of above	71.0	Sum of above	73.7
Tobacco (314)							
United States of America	26.6	United States of America	21.1	Argentina	11.5	Indonesia	19.0
Germany, western part	18.9	Germany, western part	17.2	Indonesia	10.1	Argentina	14.0
Argentina	3.6	Indonesia	7.6	Republic of Korea	9.8	Turkey	9.4
Netherlands	3.2	Argentina	5.6	Cuba	9.7	Republic of Korea	7.3
Indonesia	3.1	Turkey	3.8	Brazil	6.9	Mexico	6.6
Republic of Korea	3.0	Netherlands	3.4	Mexico	6.8	Cuba	6.4
Cuba	3.0	Austria	3.2	Turkey	6.4	Brazil	4.6
Japan	3.0	Republic of Korea	3.0	India	4.8	India	3.8
United Kingdom	2.8	Mexico	2.6	Thailand	3.3	Bangladesh	2.7
France	2.5	Japan	2.6	Morocco	2.6	Philippines	2.5
Austria	2.3	Cuba	2.6	Philippines	2.5	Morocco	1.8
Brazil	2.1	Spain	2.1	China (Hong Kong SAR)	1.9	Thailand	1.8
Mexico	2.1	Brazil	1.8	Pakistan	1.9	Pakistan	1.7
Turkey	2.0	United Kingdom	1.8	Yugoslavia (former)	1.5	China (Hong Kong SAR)	1.3
Spain	1.7	France	1.6	Bangladesh	1.5	Venezuela	1.1
Sum of above	79.9	Sum of above	80.0	Sum of above	81.2	Sum of above	84.0

a/ In world total value added (excluding eastern Europe, the former USSR, and China (but not the Hong Kong SAR and Taiwan Province)) at constant 1990 prices.
 b/ In total value added of developing countries (excluding China (but not the Hong Kong SAR and Taiwan Province)) at constant 1990 prices.

TABLE 1.7 LEADING PRODUCERS IN SELECTED BRANCHES, 1990 AND 2000

World leading countries			Leading developing countries				
1990		2000		1990		2000	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Textiles (321)							
United States of America	16.3	United States of America	18.9	India	12.9	India	22.5
Japan	16.0	Italy	12.3	Brazil	11.3	China (Taiwan Province)	8.8
Italy	10.5	Japan	9.4	Republic of Korea	9.7	Brazil	8.8
Germany, western part	7.0	India	8.1	China (Taiwan Province)	9.0	Turkey	8.0
France	4.0	Germany, western part	5.2	Turkey	7.2	Republic of Korea	6.2
India	3.9	France	3.4	Yugoslavia (former)	5.3	Iran (Islamic Republic of)	4.0
Brazil	3.4	China (Taiwan Province)	3.2	Thailand	5.1	Indonesia	3.9
United Kingdom	3.3	Brazil	3.2	China (Hong Kong SAR)	3.5	Mexico	3.6
Republic of Korea	2.9	Turkey	2.9	Pakistan	3.3	Pakistan	3.4
China (Taiwan Province)	2.7	United Kingdom	2.6	Iran (Islamic Republic of)	3.2	Thailand	3.0
Spain	2.5	Spain	2.2	Argentina	3.2	China (Hong Kong SAR)	2.6
Turkey	2.2	Republic of Korea	2.2	Mexico	3.1	Peru	2.2
Yugoslavia (former)	1.6	Canada	2.1	Indonesia	3.1	Argentina	2.0
Thailand	1.5	Iran (Islamic Republic of)	1.4	Egypt	2.2	Egypt	1.9
Canada	1.4	Indonesia	1.4	Bangladesh	1.8	Colombia	1.8
Sum of above	79.2	Sum of above	78.5	Sum of above	83.9	Sum of above	82.7
Wearing app., leather, footwear (322/3/4)							
United States of America	18.3	United States of America	20.8	Brazil	18.9	Brazil	15.8
Japan	11.9	Italy	13.9	Republic of Korea	10.1	China (Hong Kong SAR)	7.1
Italy	11.1	Japan	10.4	Thailand	8.8	Thailand	7.0
Germany, western part	6.2	Brazil	5.0	Yugoslavia (former)	7.6	Indonesia	6.9
France	5.8	Spain	3.7	China (Hong Kong SAR)	6.9	Argentina	6.2
Brazil	5.4	United Kingdom	3.5	China (Taiwan Province)	5.2	Republic of Korea	5.4
United Kingdom	4.0	Germany, western part	3.4	Argentina	4.8	Mexico	5.2
Spain	3.6	France	3.1	Mexico	3.5	Turkey	4.1
Republic of Korea	2.9	Canada	2.4	Turkey	3.3	Philippines	3.4
Thailand	2.5	China (Hong Kong SAR)	2.2	India	3.0	Bangladesh	3.1
Yugoslavia (former)	2.2	Thailand	2.2	Iraq	2.8	India	2.8
Canada	2.0	Indonesia	2.2	Indonesia	2.3	China (Taiwan Province)	2.7
China (Hong Kong SAR)	2.0	Argentina	1.9	Philippines	1.9	Iraq	2.7
Portugal	1.7	Republic of Korea	1.7	Puerto Rico	1.6	Tunisia	2.0
China (Taiwan Province)	1.5	Mexico	1.6	Algeria	1.5	Puerto Rico	1.9
Sum of above	81.1	Sum of above	78.0	Sum of above	82.2	Sum of above	76.3

a/ In world total value added (excluding eastern Europe, the former USSR, and China (but not the Hong Kong SAR and Taiwan Province)) at constant 1990 prices.
 b/ In total value added of developing countries (excluding China (but not the Hong Kong SAR and Taiwan Province)) at constant 1990 prices.

TABLE 1.7 LEADING PRODUCERS IN SELECTED BRANCHES, 1990 AND 2000

World leading countries			Leading developing countries				
1990		2000		1990		2000	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Wood and cork products (331)							
United States of America	22.1	United States of America	24.6	Indonesia	17.6	Indonesia	16.7
Japan	18.9	Japan	10.5	Brazil	9.6	Thailand	12.3
Germany, western part	8.3	Germany, western part	9.6	Thailand	8.7	Malaysia	11.2
France	5.0	Canada	5.7	Yugoslavia (former)	7.8	Brazil	10.3
Canada	4.8	France	4.8	Malaysia	7.7	Argentina	5.9
Italy	3.7	Italy	4.6	Republic of Korea	6.7	Republic of Korea	4.9
Spain	3.7	Spain	3.9	China (Taiwan Province)	6.0	Turkey	3.7
Sweden	3.6	Sweden	3.8	Argentina	4.7	India	2.4
United Kingdom	3.5	Finland	2.9	Algeria	2.9	Philippines	2.2
Switzerland	2.8	Switzerland	2.7	Turkey	2.3	Sudan	1.6
Indonesia	2.3	United Kingdom	2.7	India	2.2	China (Taiwan Province)	1.5
Finland	2.1	Austria	2.4	Philippines	2.2	Chile	1.4
Australia	1.7	Australia	2.1	Chile	1.8	Honduras	1.4
Austria	1.3	Indonesia	2.0	Cameroon	1.4	Ghana	1.4
Brazil	1.2	Thailand	1.5	Iran (Islamic Republic of)	1.4	Mexico	1.3
Sum of above	85.0	Sum of above	83.8	Sum of above	83.0	Sum of above	78.2
Paper (341)							
United States of America	31.3	United States of America	31.3	Brazil	22.0	Brazil	20.4
Japan	15.5	Japan	14.2	Republic of Korea	10.0	Republic of Korea	10.7
Germany, western part	9.4	Germany, western part	8.3	Mexico	9.4	India	9.9
Canada	4.8	Italy	4.9	India	7.5	Mexico	8.3
Italy	4.6	Canada	4.8	China (Taiwan Province)	7.1	China (Taiwan Province)	6.5
United Kingdom	4.5	France	4.3	Argentina	5.6	Argentina	6.0
France	4.2	United Kingdom	3.4	Yugoslavia (former)	4.6	Indonesia	5.8
Sweden	2.8	Finland	3.1	Turkey	4.1	Turkey	3.2
Finland	2.5	Sweden	2.9	Indonesia	3.7	Thailand	3.0
Brazil	2.4	Brazil	2.6	Chile	2.2	Philippines	2.5
Spain	1.9	Spain	2.2	Colombia	1.9	Chile	2.5
Netherlands	1.3	Republic of Korea	1.4	China (Hong Kong SAR)	1.8	Colombia	2.0
Republic of Korea	1.1	India	1.3	Philippines	1.5	China (Hong Kong SAR)	1.6
Mexico	1.0	Netherlands	1.2	Venezuela	1.4	Iran (Islamic Republic of)	1.4
Austria	1.0	Austria	1.2	Malaysia	1.3	Peru	1.3
Sum of above	88.3	Sum of above	87.1	Sum of above	84.1	Sum of above	85.1

a/ In world total value added (excluding eastern Europe, the former USSR, and China (but not the Hong Kong SAR and Taiwan Province)) at constant 1990 prices.
 b/ In total value added of developing countries (excluding China (but not the Hong Kong SAR and Taiwan Province)) at constant 1990 prices.

TABLE 1.7 LEADING PRODUCERS IN SELECTED BRANCHES, 1990 AND 2000

World leading countries			Leading developing countries		
1990		2000	1990		2000
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)
Printing and publishing (342)					
United States of America	35.7	United States of America	33.8	Brazil	16.4
Japan	21.1	Japan	20.4	Republic of Korea	12.9
United Kingdom	6.9	United Kingdom	6.5	Argentina	12.8
France	4.9	Italy	5.6	China (Hong Kong SAR)	6.1
Italy	4.6	Germany, western part	4.9	China (Taiwan Province)	5.6
Germany, western part	4.5	France	4.8	Yugoslavia (former)	5.0
Canada	2.7	Spain	2.7	India	4.8
Spain	2.5	Switzerland	2.0	Singapore	3.6
Switzerland	1.7	Canada	1.9	Turkey	3.5
Netherlands	1.7	Netherlands	1.8	Mexico	2.5
Australia	1.3	Australia	1.4	Malaysia	2.3
Sweden	1.2	Argentina	1.3	Thailand	2.3
Brazil	1.0	Sweden	1.1	Philippines	2.0
Finland	0.9	Brazil	1.0	Peru	2.0
Republic of Korea	0.8	Denmark	0.9	Chile	1.7
Sum of above	91.5	Sum of above	90.1	Iran (Islamic Republic of)	1.4
				Sum of above	81.7
				Sum of above	81.9
Chemicals (351/2)					
United States of America	25.8	United States of America	24.7	Brazil	16.8
Japan	17.9	Japan	14.9	Mexico	11.1
Germany, western part	13.4	Germany, western part	12.2	India	9.2
United Kingdom	4.9	United Kingdom	4.8	Republic of Korea	8.6
France	4.4	France	4.4	Puerto Rico	7.0
Italy	3.6	Italy	2.9	China (Taiwan Province)	6.7
Brazil	2.7	Republic of Korea	2.5	Argentina	6.0
Spain	2.4	Ireland	2.4	Turkey	4.4
Canada	1.9	Brazil	2.4	Yugoslavia (former)	3.1
Netherlands	1.8	Switzerland	2.4	Saudi Arabia	2.9
Mexico	1.8	Spain	2.2	Indonesia	1.9
India	1.5	India	2.1	Philippines	1.7
Republic of Korea	1.4	Netherlands	1.8	Thailand	1.6
Switzerland	1.4	Mexico	1.7	Malaysia	1.6
Belgium	1.2	China (Taiwan Province)	1.7	Singapore	1.5
Sum of above	86.1	Sum of above	83.1	Sum of above	84.1
				Sum of above	86.5

a/ In world total value added (excluding eastern Europe, the former USSR, and China (but not the Hong Kong SAR and Taiwan Province)) at constant 1990 prices.
 b/ In total value added of developing countries (excluding China (but not the Hong Kong SAR and Taiwan Province)) at constant 1990 prices.

TABLE 1.7 LEADING PRODUCERS IN SELECTED BRANCHES, 1990 AND 2000

World leading countries			Leading developing countries				
1990		2000		1990		2000	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Petroleum incl. coal products (353/4)							
United States of America	15.4	United States of America	15.1	Indonesia	12.8	Indonesia	15.0
Germany, western part	14.2	Germany, western part	10.7	Brazil	12.7	Brazil	11.1
France	9.8	France	8.9	Turkey	10.2	Republic of Korea	9.4
Indonesia	5.1	Indonesia	7.0	Venezuela	6.9	Turkey	7.9
Brazil	5.1	Brazil	5.1	Saudi Arabia	5.7	China (Taiwan Province)	6.0
Japan	4.6	Japan	4.6	India	4.4	Kuwait	5.8
Turkey	4.1	Republic of Korea	4.4	Republic of Korea	4.4	India	5.2
United Kingdom	3.0	Turkey	3.7	China (Taiwan Province)	4.3	Saudi Arabia	4.4
Venezuela	2.8	China (Taiwan Province)	2.8	Argentina	3.9	Venezuela	3.5
Italy	2.6	Kuwait	2.7	Kuwait	3.0	Argentina	3.4
Saudi Arabia	2.3	United Kingdom	2.7	Egypt	2.9	Iran (Islamic Republic of)	2.9
India	1.8	India	2.4	Iran (Islamic Republic of)	2.8	Mexico	2.3
Republic of Korea	1.8	Italy	2.2	Peru	2.5	Egypt	2.3
China (Taiwan Province)	1.7	Saudi Arabia	2.1	Mexico	2.4	Peru	2.1
Spain	1.6	Venezuela	1.6	Singapore	1.6	Philippines	2.0
Sum of above	75.9	Sum of above	76.0	Sum of above	80.5	Sum of above	83.3
Rubber and plastic products (355/6)							
Japan	22.7	United States of America	25.8	China (Taiwan Province)	17.4	Republic of Korea	15.9
United States of America	21.5	Japan	16.6	Republic of Korea	15.4	Brazil	12.2
Germany, western part	12.8	Germany, western part	11.8	Brazil	14.7	China (Taiwan Province)	10.9
Italy	6.5	Italy	6.3	Mexico	6.5	Malaysia	10.7
United Kingdom	4.8	France	5.1	India	6.4	India	6.5
France	4.8	United Kingdom	4.3	Argentina	5.2	Argentina	6.4
Spain	2.7	Spain	3.4	Malaysia	3.6	Mexico	6.1
Canada	2.6	Canada	2.7	Turkey	3.3	Turkey	6.1
China (Taiwan Province)	2.3	Republic of Korea	2.6	Indonesia	3.2	Indonesia	3.7
Republic of Korea	2.2	Brazil	2.0	Yugoslavia (former)	3.0	Peru	1.9
Brazil	1.8	China (Taiwan Province)	1.8	China (Hong Kong SAR)	2.8	Philippines	1.8
Canada	1.1	Malaysia	1.7	Singapore	1.3	Singapore	1.3
Belgium	1.0	Belgium	1.2	Colombia	1.3	United Arab Emirates	1.3
Netherlands	1.0	India	1.1	Iran (Islamic Republic of)	1.2	Iran (Islamic Republic of)	1.2
Mexico	1.0	Argentina	1.0	United Arab Emirates	1.2	Thailand	1.1
India	0.9	Sum of above	87.4	Sum of above	86.5	Sum of above	87.1

a/ In world total value added (excluding eastern Europe, the former USSR, and China (but not the Hong Kong SAR and Taiwan Province)) at constant 1990 prices.
 b/ In total value added of developing countries (excluding China (but not the Hong Kong SAR and Taiwan Province)) at constant 1990 prices.

TABLE 1.7 LEADING PRODUCERS IN SELECTED BRANCHES, 1990 AND 2000

World leading countries				Leading developing countries			
1990		2000		1990		2000	
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-metallic mineral prods. (361/2/9)							
Japan	20.7	United States of America	17.3	Mexico	10.9	India	14.9
United States of America	15.3	Japan	15.9	Republic of Korea	10.8	Republic of Korea	10.0
Germany, western part	10.0	Germany, western part	9.5	Brazil	10.7	Mexico	9.9
Italy	8.2	Italy	7.8	Turkey	8.1	Turkey	9.4
France	5.5	Spain	4.8	India	7.8	Brazil	8.6
United Kingdom	5.5	France	4.8	China (Taiwan Province)	6.1	China (Taiwan Province)	5.1
Spain	4.4	United Kingdom	4.2	Argentina	4.5	Thailand	4.2
Mexico	2.0	India	3.5	Thailand	4.3	Malaysia	3.8
Republic of Korea	2.0	Republic of Korea	2.3	Yugoslavia (former)	3.0	Argentina	3.6
Brazil	1.9	Mexico	2.3	Iran (Islamic Republic of)	2.9	Iran (Islamic Republic of)	3.0
Canada	1.5	Turkey	2.2	Saudi Arabia	2.3	Philippines	2.4
Turkey	1.5	Brazil	2.0	Malaysia	2.1	Indonesia	2.2
India	1.4	Canada	1.6	Algeria	2.0	Egypt	1.8
Switzerland	1.3	Austria	1.2	Indonesia	1.9	Saudi Arabia	1.7
Austria	1.2	China (Taiwan Province)	1.2	Egypt	1.8	Morocco	1.5
Sum of above	82.4	Sum of above	80.6	Sum of above	79.2	Sum of above	82.1
Basic metals (371/2)							
Japan	24.5	Japan	19.4	Brazil	16.6	India	17.1
United States of America	15.7	United States of America	16.9	India	13.9	Republic of Korea	13.5
Germany, western part	10.9	Germany, western part	9.1	Republic of Korea	11.5	Brazil	12.5
Italy	6.9	Italy	6.7	Mexico	11.1	China (Taiwan Province)	12.2
France	4.6	India	4.3	China (Taiwan Province)	8.8	Mexico	11.6
United Kingdom	3.5	France	4.2	Turkey	4.8	Indonesia	4.6
Brazil	3.1	Republic of Korea	3.4	Yugoslavia (former)	4.6	Turkey	4.1
India	2.6	Brazil	3.1	Iran (Islamic Republic of)	3.4	Peru	3.4
Spain	2.6	China (Taiwan Province)	3.1	Indonesia	3.2	Argentina	2.0
Republic of Korea	2.2	Spain	3.0	Chile	2.7	Chile	2.0
Mexico	2.1	Mexico	2.9	Argentina	2.5	Iran (Islamic Republic of)	1.9
Canada	2.1	United Kingdom	2.4	Peru	2.4	Malaysia	1.6
Australia	1.8	Canada	2.3	Venezuela	2.2	Venezuela	1.5
China (Taiwan Province)	1.7	Australia	1.7	Egypt	1.4	Philippines	1.4
Belgium	1.4	South Africa	1.4	Philippines	0.9	Egypt	1.2
Sum of above	85.7	Sum of above	83.9	Sum of above	90.0	Sum of above	90.6

a/ In world total value added (excluding eastern Europe, the former USSR, and China (but not the Hong Kong SAR and Taiwan Province)) at constant 1990 prices.
 b/ In total value added of developing countries (excluding China (but not the Hong Kong SAR and Taiwan Province)) at constant 1990 prices.

TABLE 1.7 LEADING PRODUCERS IN SELECTED BRANCHES, 1990 AND 2000

World leading countries			Leading developing countries				
1990		2000		1990		2000	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Metal products (381)							
Japan	23.3	United States of America	23.8	Republic of Korea	14.3	Brazil	13.1
United States of America	20.6	Japan	17.2	Brazil	14.0	Republic of Korea	12.7
Germany, western part	14.5	Germany, western part	16.2	China (Taiwan Province)	11.7	Mexico	12.2
France	6.6	France	6.6	Mexico	7.5	China (Taiwan Province)	11.9
Italy	5.1	Italy	4.6	Argentina	6.8	Malaysia	6.1
United Kingdom	4.5	United Kingdom	3.4	India	4.8	India	5.5
Spain	2.6	Spain	2.5	Yugoslavia (former)	4.6	Argentina	5.2
Canada	1.9	Canada	2.1	Turkey	4.0	Thailand	4.0
Switzerland	1.5	Switzerland	1.7	Thailand	2.9	Singapore	3.0
Sweden	1.5	Sweden	1.6	Singapore	2.8	Turkey	2.6
Republic of Korea	1.4	Republic of Korea	1.4	China (Hong Kong SAR)	2.8	Iran (Islamic Republic of)	1.9
Brazil	1.4	Austria	1.4	Algeria	1.9	Indonesia	1.5
Netherlands	1.3	Australia	1.4	Indonesia	1.9	Saudi Arabia	1.3
Australia	1.1	Belgium	1.3	Iraq	1.6	Peru	1.3
China (Taiwan Province)	1.1	Mexico	1.3	Iran (Islamic Republic of)	1.6	Chile	1.2
Sum of above	88.4	Sum of above	86.5	Sum of above	83.2	Sum of above	83.5
Transport equipment (384)							
United States of America	26.4	United States of America	26.8	Brazil	18.4	Republic of Korea	27.1
Japan	20.8	Japan	16.7	Republic of Korea	14.8	Mexico	15.5
Germany, western part	14.7	Germany, western part	12.8	Mexico	13.9	Brazil	14.7
France	5.5	France	5.4	India	9.6	India	10.1
Italy	5.4	Republic of Korea	4.5	China (Taiwan Province)	7.8	Thailand	6.0
United Kingdom	5.0	United Kingdom	4.3	Thailand	6.3	China (Taiwan Province)	5.0
Spain	2.9	Italy	4.3	Argentina	5.9	Argentina	4.0
Canada	2.4	Spain	3.4	Yugoslavia (former)	4.4	Philippines	3.5
Brazil	2.0	Canada	3.2	Turkey	4.0	Turkey	2.9
Republic of Korea	1.6	Mexico	2.6	Indonesia	2.5	Iran (Islamic Republic of)	2.5
Mexico	1.5	Brazil	2.5	Singapore	1.8	Malaysia	1.5
Sweden	1.2	Sweden	1.7	Malaysia	1.2	Indonesia	1.3
India	1.0	India	1.7	Iran (Islamic Republic of)	1.2	Singapore	1.2
Australia	0.9	Thailand	1.0	China (Hong Kong SAR)	0.7	Venezuela	0.4
China (Taiwan Province)	0.9	Australia	0.9	Colombia	0.7	Colombia	0.4
Sum of above	92.2	Sum of above	91.8	Sum of above	93.2	Sum of above	96.1

a/ In world total value added (excluding eastern Europe, the former USSR, and China (but not the Hong Kong SAR and Taiwan Province)) at constant 1990 prices.
 b/ In total value added of developing countries (excluding China (but not the Hong Kong SAR and Taiwan Province)) at constant 1990 prices.

TABLE 1.8
STRUCTURE OF MVA IN SELECTED COUNTRY GROUPS, SELECTED YEARS^{a/}
(Percentage)

Branch (ISIC)	Year	Industrialized countries						Developing countries				
		Western Europe		Japan	North America	All countries	NICs	Second-generation NICs	Least developed countries	Others	All countries	
		Eastern Europe and former USSR	EU b/									Other
Food products and beverages (311/2/3)	1985	18.8	10.9	11.6	10.0	11.7	12.0	12.2	18.6	37.1	18.9	15.2
	1990	18.7	10.7	10.8	8.6	10.9	11.2	11.9	16.0	36.5	19.1	14.5
	1995	21.5	11.6	10.6	9.0	9.6	11.0	11.8	14.7	37.6	17.9	14.0
	2000	18.8	10.7	8.4	8.6	6.1	8.9	10.6	15.0	41.7	17.4	13.3
Tobacco (314)	1985	1.0	1.7	1.3	0.3	1.8	1.3	2.5	6.5	8.4	4.4	3.6
	1990	0.8	1.5	1.1	0.2	1.6	1.2	2.2	4.8	6.4	4.0	3.1
	1995	1.2	1.4	1.1	0.2	1.4	1.2	2.0	5.3	7.6	3.6	3.1
	2000	0.9	1.3	0.9	0.2	0.7	0.8	2.0	5.5	8.1	3.6	3.1
Textiles (321)	1985	8.5	4.0	3.0	4.2	2.8	4.2	7.9	8.6	13.1	8.1	8.2
	1990	8.7	3.5	2.4	3.0	2.6	3.7	7.1	8.6	15.1	7.2	7.6
	1995	4.4	3.3	2.2	2.2	2.5	2.9	6.1	6.3	11.9	6.8	6.4
	2000	3.7	2.7	1.5	1.6	1.4	2.0	5.2	5.5	11.3	6.4	5.6
Wearing app., leather, footwear (322/3/4)	1985	5.0	3.8	1.6	2.2	2.7	3.3	6.6	6.7	6.5	5.1	6.3
	1990	5.1	2.9	1.1	1.7	2.3	2.7	5.3	6.4	7.2	4.7	5.4
	1995	3.5	2.5	0.9	1.8	2.0	2.2	3.4	4.9	8.0	4.1	3.9
	2000	3.3	1.8	0.7	1.2	1.0	1.4	2.5	4.3	8.1	3.7	3.2
Wood and cork products (331)	1985	1.4	1.6	4.0	1.9	1.9	1.8	1.2	2.3	2.1	1.6	1.4
	1990	1.4	1.6	4.1	1.6	1.8	1.7	0.9	3.3	1.6	1.4	1.4
	1995	1.7	1.6	3.6	1.3	1.5	1.6	0.6	2.7	1.6	1.2	1.2
	2000	1.8	1.5	3.3	0.9	1.0	1.3	0.5	2.2	1.4	1.0	1.0
Paper (341)	1985	1.7	3.0	2.8	2.3	4.7	3.2	2.4	1.9	1.7	1.5	2.1
	1990	1.3	3.1	2.7	2.5	4.6	3.2	2.5	2.0	1.6	1.8	2.3
	1995	1.4	3.2	2.8	2.7	4.2	3.3	2.6	2.1	1.5	1.9	2.3
	2000	1.4	3.0	2.4	2.8	2.6	2.8	2.4	2.0	1.0	2.0	2.2
Printing and publishing (342)	1985	0.4	3.9	7.9	6.0	7.9	5.1	2.2	1.6	2.2	1.8	2.0
	1990	0.5	4.3	8.0	5.4	7.7	5.2	2.4	1.5	2.0	1.8	2.1
	1995	0.7	4.1	8.0	6.4	6.0	5.1	2.6	1.4	2.1	2.1	2.2
	2000	0.7	4.0	8.0	5.8	3.8	4.2	2.1	1.5	1.9	2.0	1.9

a/ Percentage shares of individual branches in total MVA at constant 1990 prices. China, but not the Hong Kong SAR and Taiwan Province, is excluded.
b/ After 1990 including estimates for the eastern part of Germany.

TABLE 1.8
(continued)
STRUCTURE OF MVA IN SELECTED COUNTRY GROUPS, SELECTED YEARS^{a/}

(Percentage)

Branch (ISIC)	Year	Industrialized countries							Developing countries				
		Eastern Europe and former USSR		Western Europe		Japan	North America	All countries	NICs	Second-generation NICs	Least developed countries	Others	All countries
		EU b/	Other										
Chemicals (351/2)	1985	7.8	10.6	9.9	9.2	11.0	10.0	11.2	9.7	7.0	11.6	11.0	
	1990	7.3	10.4	11.7	9.5	11.6	10.2	11.6	8.8	7.3	13.4	11.3	
	1995	6.5	11.3	15.3	10.8	10.2	10.6	12.1	8.7	8.0	15.6	11.9	
	2000	5.3	11.9	19.5	10.8	7.2	9.6	13.2	8.8	7.3	16.7	12.8	
Petroleum incl. coal products (353/4)	1985	4.6	3.5	0.7	0.8	2.1	2.7	4.8	13.9	4.9	13.9	7.9	
	1990	4.4	3.1	0.7	0.7	2.1	2.4	4.6	13.0	5.1	16.3	8.2	
	1995	4.7	3.2	0.7	0.9	1.8	2.3	4.7	12.6	4.8	15.0	8.1	
	2000	3.8	2.7	0.6	0.9	1.1	1.8	4.9	10.6	4.3	15.5	7.8	
Rubber and plastic products (355/6)	1985	2.3	3.9	2.9	4.8	3.6	3.8	4.5	3.4	1.0	2.6	3.9	
	1990	1.9	4.2	3.0	4.7	3.9	4.0	4.7	3.3	1.1	2.7	4.0	
	1995	2.0	4.4	2.5	4.6	4.0	4.2	4.4	3.9	1.1	3.0	4.0	
	2000	2.3	4.4	2.2	4.4	2.8	3.6	3.9	4.7	1.1	3.3	3.9	
Non-metallic mineral prods. (361/2/9)	1985	3.9	4.7	5.1	4.5	3.0	4.1	4.4	5.6	4.2	5.3	4.7	
	1990	4.1	4.7	4.3	4.3	2.7	4.0	4.3	6.1	4.6	5.8	4.9	
	1995	4.2	4.5	3.5	4.1	2.3	3.7	4.6	6.7	5.1	5.9	5.2	
	2000	3.9	4.1	3.5	3.7	1.7	3.0	4.4	6.0	4.1	5.8	4.9	
Basic metals (371/2)	1985	9.1	5.9	4.3	7.4	4.3	6.2	7.4	3.3	2.1	6.6	6.5	
	1990	8.7	5.3	4.4	6.8	3.9	5.6	7.7	4.8	1.9	6.7	6.9	
	1995	9.8	5.5	4.0	6.6	3.5	5.3	8.5	5.4	2.1	7.5	7.5	
	2000	8.1	5.0	3.9	6.4	2.4	4.3	8.7	4.9	1.9	7.3	7.5	
Metal products (381)	1985	2.7	6.6	7.0	7.2	5.9	6.1	4.3	2.5	2.2	3.6	3.9	
	1990	2.5	6.8	7.1	7.1	5.4	6.1	4.3	2.9	2.3	3.3	3.8	
	1995	2.4	6.6	7.2	6.9	4.9	6.0	4.0	2.9	2.2	3.5	3.7	
	2000	2.8	6.5	7.3	5.9	3.4	5.0	3.6	2.8	2.1	3.5	3.4	
Non-electrical machinery (382)	1985	12.9	11.8	14.4	12.8	8.8	11.2	7.1	2.5	0.9	3.3	5.5	
	1990	13.7	12.4	14.7	14.2	10.6	13.7	7.3	2.6	0.9	2.7	5.5	
	1995	15.7	12.3	14.0	12.3	16.5	13.7	7.2	2.8	0.8	2.5	5.4	
	2000	20.2	13.4	14.4	11.5	28.8	19.7	6.8	3.5	0.7	2.7	5.3	

a/ Percentage shares of individual branches in total MVA at constant 1990 prices. China, but not the Hong Kong SAR and Taiwan Province, is excluded.
b/ After 1990 including estimates for the eastern part of Germany.

STRUCTURE OF MVA IN SELECTED COUNTRY GROUPS, SELECTED YEARS^{a/}

(Percentage)

Branch (ISIC)	Year	Industrialized countries						Developing countries				
		Western Europe		Japan	North America	All countries	NICs	Second-generation NICs	Least developed countries	Others	All countries	
		Eastern Europe and former USSR	EU b/ Other									
Electrical machinery (383)	1985	8.0	10.0	12.7	12.8	7.5	9.7	8.1	4.4	1.6	4.1	6.6
	1990	8.2	10.7	13.6	15.0	8.4	10.7	10.6	5.9	1.8	3.6	8.3
	1995	7.5	11.3	13.5	17.2	12.5	12.6	12.4	8.2	1.7	3.4	9.8
	2000	10.1	13.5	14.0	22.1	23.8	18.9	14.7	12.2	1.3	3.4	12.1
Transport equipment (384)	1985	6.2	10.1	3.2	9.8	11.8	9.9	9.7	5.6	2.2	4.1	7.8
	1990	6.5	10.8	2.9	10.7	11.7	10.4	9.2	6.8	2.0	2.6	7.4
	1995	6.6	9.3	3.2	10.1	9.9	9.4	10.2	7.9	1.6	3.3	8.3
	2000	7.1	9.7	3.0	10.4	7.1	8.5	12.2	7.3	1.4	3.0	9.5
Prof., scientific equipment (385)	1985	1.5	1.4	3.8	1.4	5.7	2.6	0.9	0.5	0.0	0.9	0.8
	1990	1.4	1.3	3.7	1.5	5.4	2.5	1.0	0.4	0.0	1.0	0.9
	1995	1.2	1.4	3.5	1.1	4.6	2.4	0.9	0.4	0.0	0.9	0.8
	2000	1.1	1.5	3.4	1.1	3.2	2.1	0.8	0.4	0.0	0.9	0.7
Other manuf., incl. furniture (390 & 332)	1985	4.2	2.6	3.8	2.4	2.8	2.8	2.6	2.4	2.8	2.6	2.6
	1990	4.8	2.7	3.7	2.5	2.8	2.9	2.4	2.8	2.6	1.9	2.4
	1995	5.0	2.5	3.4	1.8	2.6	2.5	1.9	3.1	2.3	1.8	2.2
	2000	4.7	2.3	3.0	1.7	1.9	2.1	1.5	2.8	2.3	1.8	1.8
Total manufacturing (3)	1985	100.0	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	100.0
	1995	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2000	100.0	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. China, but not the Hong Kong SAR and Taiwan Province, is excluded.
 b/ After 1990 including estimates for the eastern part of Germany.

TABLE 1.9 ANNUAL GROWTH OF VALUE ADDED OF BRANCHES, SELECTED COUNTRY GROUPS, 1980-1990 AND 1990-2000^{a/}
(Percentage)

Branch (ISIC)	Industrialized countries excluding eastern Europe and former USSR		Eastern Europe and former USSR		Developing countries							
					NICs		Second-generation NICs		Least developed countries		Others	
	1980-1990	1990-2000	1980-1990	1990-2000	1980-1990	1990-2000	1980-1990	1990-2000	1980-1990	1990-2000	1980-1990	1990-2000
Food products and beverages (311/2/3) Tobacco (314)	1.8 0.1	1.3 0.0	1.3 0.7	-2.3 0.4	2.7 1.6	2.6 2.6	4.8 3.6	8.4 13.5	1.3 -0.8	4.8 6.0	1.7 1.5	1.6 2.1
Textiles (321) Wearing app., leather, footwear (322/3/4)	0.3 -1.1	-1.5 -2.3	1.1 1.5	-9.0 -6.7	2.1 1.6	0.6 -3.7	7.5 5.9	1.4 1.4	-0.3 -1.9	0.6 6.1	1.1 0.6	1.6 0.0
Wood and cork products (331)	1.5	0.8	2.2	-1.1	1.1	-2.3	7.9	0.9	-0.7	2.8	-0.9	-0.0
Paper (341) Printing and publishing (342)	3.3 3.2	1.7 1.3	1.4 3.1	2.1 2.2	4.9 4.4	3.3 2.2	7.6 4.3	7.7 5.4	2.7 1.4	-1.1 3.6	2.7 0.8	3.3 3.7
Chemicals (351/2) Petroleum incl. coal products (353/4) Rubber and plastic products (355/6)	3.6 -0.7 4.6	3.1 0.7 2.7	1.8 1.0 1.6	-2.0 -1.6 2.5	4.6 3.3 5.9	5.6 5.0 1.7	7.6 5.6 6.3	5.7 4.0 9.1	2.6 -0.1 1.6	3.8 1.2 3.8	5.3 5.4 3.2	4.8 2.4 4.4
Non-metallic mineral prods. (361/2/9)	1.1	0.9	2.2	-2.8	2.7	4.0	8.0	5.1	2.0	2.6	3.7	3.1
Basic metals (371/2)	1.2	1.2	1.0	-1.7	4.5	5.5	10.8	5.7	-2.0	5.5	4.4	3.2
Metal products (381) Non-electrical machinery (382) Electrical machinery (383) Transport equipment (384) Prof., scientific equipment (385)	1.6 4.7 6.3 3.4 2.6	1.6 9.5 9.7 1.7 1.8	2.5 4.1 5.1 3.9 4.2	1.7 1.0 -0.0 -0.9 -0.6	4.0 3.8 8.1 3.5 5.2	2.1 2.9 7.1 7.2 1.1	8.0 4.9 12.4 6.8 5.4	5.6 8.1 12.5 5.8 4.2	-0.3 0.0 1.1 -0.6 4.1	2.3 0.5 1.5 1.1 4.8	0.8 1.1 0.7 -4.6 3.0	2.9 3.1 2.4 4.2 2.4
Other manuf., incl. furniture (390 & 332)	2.0	1.1	4.1	-3.4	3.4	-1.1	8.2	5.5	1.4	3.1	-3.9	2.3

a/ At constant 1990 prices. China, but not the Hong Kong SAR and Taiwan Province, is excluded.

TABLE 1.9
(continued)
ANNUAL GROWTH OF VALUE ADDED OF BRANCHES, SELECTED COUNTRY GROUPS, 1980-1990 AND 1990-2000^{a/}
(Percentage)

Branch (ISIC)	Developing countries											
	All countries		North Africa		Sub-Saharan Africa		Latin America		South and East Asia		West Asia and Europe	
	1980-1990	1990-2000	1980-1990	1990-2000	1980-1990	1990-2000	1980-1990	1990-2000	1980-1990	1990-2000	1980-1990	1990-2000
Food products and beverages (311/2/3) Tobacco (314)	2.7 1.9	3.8 6.7	3.2 2.4	3.2 2.7	2.0 0.5	1.3 0.3	1.6 1.4	2.6 2.9	5.3 2.7	6.7 10.3	1.5 1.7	0.6 6.2
Textiles (321) Wearing app., leather, footwear (322/3/4)	2.6 2.0	0.9 -1.4	1.7 2.2	-0.4 1.3	1.6 -2.1	0.7 0.8	0.7 -1.5	-0.7 -1.0	3.1 6.3	1.8 -1.8	5.0 2.2	0.7 -2.7
Wood and cork products (331)	2.6	-0.4	6.0	-1.7	0.2	-1.0	1.6	1.6	4.4	-0.9	-1.3	-0.4
Paper (341) Printing and publishing (342)	4.9 3.6	4.0 2.9	2.6 -4.2	1.6 -1.4	3.2 3.7	-0.7 1.2	3.4 1.7	2.8 3.1	7.9 7.9	6.3 3.8	3.8 1.8	0.6 -1.6
Chemicals (351/2) Petroleum incl. coal products (353/4) Rubber and plastic products (355/6)	5.1 4.6 5.5	5.4 3.8 3.5	6.6 0.2 5.8	4.3 0.9 2.4	-0.5 2.3 4.0	2.7 1.3 2.4	2.5 3.2 2.5	3.8 1.7 3.6	9.7 5.3 9.0	8.0 6.2 3.2	6.4 7.6 2.1	2.2 3.4 5.1
Non-metallic mineral prods. (361/2/9)	3.8	4.1	4.0	2.8	1.1	2.7	0.4	2.6	7.4	5.7	5.5	3.2
Basic metals (371/2)	5.0	5.2	6.0	2.9	0.2	5.0	2.3	4.2	7.7	6.7	7.2	1.3
Metal products (381) Non-electrical machinery (382) Electrical machinery (383) Transport equipment (384) Prof., scientific equipment (385)	3.7 3.6 7.6 3.1 4.8	2.8 3.5 7.6 6.8 1.7	0.6 4.6 6.9 -2.5 15.1	1.2 1.9 1.5 -0.8 -0.2	1.3 -2.6 -5.7 -8.3 6.6	1.1 -0.6 -0.9 -1.6 -4.0	0.7 0.9 1.5 0.3 1.2	3.2 1.4 3.8 4.8 2.2	7.8 8.1 15.2 7.6 9.1	3.3 5.1 9.5 9.3 1.4	3.5 1.3 2.7 5.6 3.9	-0.6 2.2 4.8 -0.8 0.3
Other manuf., incl. furniture (390 & 332)	2.5	1.2	0.9	0.6	-7.1	2.0	0.6	2.4	7.5	0.4	-2.1	1.8

a/ At constant 1990 prices. China, but not the Hong Kong SAR and Taiwan Province, is excluded.

TABLE 1.10 SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (151C)	Argentina		Austria		Bermuda		Bulgaria		Chile	
	1990	1994	1990	1999	1990	1998	1990	1998	1990	1997
	Food products (311/2)	...	19.0	39.8	48.8	36.9	32.1	...	50.1	25.4	29.1
Beverages (313)	...	11.6	20.5	19.2	13.5	13.8	...	42.6	8.3	10.6
Tobacco (314)	...	14.6	42.9	...	...	...	...	56.3	8.9	7.8
Textiles (321)	...	22.6	55.8	49.4	...	...	...	65.7	30.4	34.8
Wearing apparel (322)	...	65.9	88.8	...	74.1	60.0	...	88.2	65.9	58.3
Leather and fur products (323)	...	13.3	60.7	53.4	...	...	...	63.0	11.8	14.7
Footwear (324)	...	28.1	67.9	63.0	30.8	...	...	76.2	37.8	37.1
Wood and cork products (331)	...	4.8	16.6	16.3	12.9	...	...	34.2	5.4	7.3
Furniture, fixtures excl. metallic (332)	...	7.3	20.1	20.7	26.9	25.8	...	40.1	9.4	13.3
Paper (341)	...	13.7	20.0	18.5	...	...	...	49.7	5.6	8.2
Printing and publishing (342)	...	21.1	34.6	34.4	47.4	45.8	...	53.7	15.8	18.9
Industrial chemicals (351)	...	9.1	18.2	10.9	23.5	...	...	37.7	7.1	7.5
Other chemicals (352)	...	28.8	40.1	41.6	...	...	...	...	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	16.5	...	...	...	42.1	10.5	9.9
Plastic products (356)	...	18.1	36.5	29.3	...	...	...	52.5	16.9	13.4
Pottery, china, earthenware (361)	...	13.7	46.7	40.3	50.0	66.7	...	...	14.3	14.7
Glass (362)	...	5.6	34.4	32.1	35.0	...	...	45.1	5.0	8.0
Other non-metallic mineral prods. (369)	...	4.3	12.0	14.2	50.0	...	...	...	5.0	5.8
Iron and steel (371)	...	3.2	9.9	8.4	...	...	...	31.7	2.9	3.0
Non-ferrous metals (372)	...	6.0	17.7	19.1	...	...	...	25.5	2.3	4.1
Metal products (381)	...	8.0	21.1	18.5	17.1	16.7	...	33.3	6.0	6.6
Non-electrical machinery (382)	...	7.7	12.7	15.6	9.1	...	...	32.5	5.6	4.4
Electrical machinery (383)	...	20.1	35.7	30.0	33.3	...	...	45.8	12.1	14.6
Transport equipment (384)	...	5.3	14.8	13.5	7.7	25.0	...	26.1	6.9	7.0
Prof., scientific equipment (385)	...	22.7	47.1	37.5	42.9	...	...	51.3	21.4	19.9
Other manufactures (390)	...	27.1	36.6	46.0	35.3	53.8	...	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	1999	1990	1997	1990	1997
	Food products (311/2)	26.0	48.1	44.8	45.4	26.4	32.3	...	9.9	43.8	43.8
Beverages (313)	22.4	24.2	34.9	33.9	14.1	16.5	...	7.2	33.5	35.0
Tobacco (314)	48.7	39.0	67.8	92.6	24.3	33.5	...	...	56.1	47.9
Textiles (321)	60.6	69.9	57.4	52.5	35.5	42.4	...	4.1	69.9	68.3
Wearing apparel (322)	74.5	80.8	79.1	78.7	80.2	79.6	...	13.4	86.2	86.0
Leather and fur products (323)	48.2	58.3	44.2	34.1	48.5	44.2	...	...	64.2	64.4
Footwear (324)	52.7	78.3	65.8	65.2	50.6	52.4	...	2.7	74.5	78.2
Wood and cork products (331)	12.6	9.8	42.4	41.3	17.0	15.0	...	4.1	30.5	33.8
Furniture, fixtures excl. metallic (332)	5.9	5.5	37.9	37.8	22.1	28.9	...	1.4	35.6	34.3
Paper (341)	10.5	20.3	31.8	31.7	20.1	19.3	...	12.2	42.5	39.8
Printing and publishing (342)	23.0	29.4	34.9	36.5	36.4	38.9	...	15.4	49.9	48.4
Industrial chemicals (351)	...	...	26.4	24.1	13.2	16.8	...	9.7	24.8	23.3
Other chemicals (352)	50.5	50.2	43.8	44.6	42.6	48.7	...	21.1	51.3	52.2
Petroleum refineries (353)	...	...	9.0	10.0	11.2	2.2	...	...	21.4	...
Prods. of petroleum and coal (354)	...	...	17.9	11.2	12.2	19.1	...	...	12.9	...
Rubber products (355)	12.5	40.0	45.4	41.3	13.7	27.3	...	5.8	49.1	42.9
Plastic products (356)	14.0	29.8	53.1	44.7	34.3	34.9	...	...	41.5	36.0
Pottery, china, earthenware (361)	29.5	...	53.3	39.2	21.1	18.6	...	...	41.0	43.8
Glass (362)	3.4	16.7	36.3	38.1	14.2	19.8	...	...	39.1	34.9
Other non-metallic mineral prods. (369)	13.5	16.3	25.4	22.8	9.6	11.5	...	3.9	17.6	19.0
Iron and steel (371)	...	...	15.6	15.3	9.2	9.5	...	...	11.1	19.0
Non-ferrous metals (372)	...	...	22.5	22.8	13.0	16.9	...	...	17.9	14.4
Metal products (381)	4.0	11.1	31.3	32.7	18.0	20.0	...	6.3	23.3	23.5
Non-electrical machinery (382)	5.8	16.5	33.2	34.5	14.1	18.6	...	...	15.2	21.9
Electrical machinery (383)	66.8	68.7	54.6	52.2	30.6	31.0	...	6.4	39.0	38.2
Transport equipment (384)	2.1	3.5	21.6	24.4	13.7	15.5	...	2.7	17.2	15.7
Prof., scientific 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	50.0	...	...	55.6	47.9
Total manufacturing (3)	63.9	72.0	45.1	41.9	31.7	36.3	...	8.3	41.5	42.5

TABLE 1.10 SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISC)	Cyprus		Denmark		Egypt		El Salvador		Ethiopia	
	1990	1994	1990	1998	1991	1997	1990	1998	1991	1999
	Food products (311/2)	44.4	44.1	44.6	43.3	9.0	11.8	...	37.8	18.1	17.8
Beverages (313)	29.1	27.5	25.4	23.1	10.9	6.8	...	9.4	25.1	26.1
Tobacco (314)	45.7	56.5	57.0	49.8	16.1	16.8	...	...	33.5	39.1
Textiles (321)	77.6	73.7	58.0	51.1	12.6	15.5	...	43.3	44.8	41.2
Wearing apparel (322)	94.7	96.3	91.9	82.8	53.6	43.2	...	81.4	70.2	65.8
Leather and fur products (323)	71.6	67.1	59.6	54.0	9.4	10.5	...	23.7	15.9	19.9
Footwear (324)	63.9	64.8	50.7	55.1	22.0	24.0	...	51.5	38.9	40.5
Wood and cork products (331)	8.7	10.4	20.0	19.8	2.7	3.6	...	21.2	11.8	17.3
Furniture, fixtures excl. metallic (332)	21.3	38.2	27.6	29.2	4.9	5.6	...	11.0	12.8	13.6
Paper (341)	41.8	38.4	26.5	27.1	7.6	8.2	...	37.1	25.9	34.3
Printing and publishing (342)	38.3	42.3	37.5	39.2	7.8	8.4	...	34.3	37.7	39.4
Industrial chemicals (351)	25.5	24.6	26.6	26.7	5.9	5.5	...	13.1	23.6	9.6
Other chemicals (352)	46.1	43.9	48.1	49.4	24.4	24.9	...	48.1	33.0	34.3
Petroleum refineries (353)	7.0	6.5	10.3	15.6	7.8	11.9	...	9.0	...	...
Prods. of petroleum and coal (354)	...	...	10.8	...	5.1	2.1	...	42.9	...	...
Rubber products (355)	25.0	34.2	26.0	23.3	3.0	7.7	...	19.5	9.4	12.2
Plastic products (356)	33.4	31.0	38.4	37.5	11.8	11.4	...	28.8	31.8	35.2
Pottery, china, earthenware (361)	75.8	61.9	69.7	...	14.5	7.0	...	30.4	...	...
Glass (362)	24.7	25.3	30.7	26.2	8.9	10.8	...	13.1	15.4	27.1
Other non-metallic mineral prods. (369)	11.4	12.1	16.8	13.8	3.2	4.4	...	7.3	10.3	12.4
Iron and steel (371)	...	...	16.0	16.7	2.5	2.5	...	3.8	6.9	10.7
Non-ferrous metals (372)	...	...	23.6	25.8	1.7	1.5	...	...	...	...
Metal products (381)	14.1	15.4	21.7	18.7	5.6	6.2	...	11.4	15.3	15.2
Non-electrical machinery (382)	13.4	14.2	20.8	21.8	4.5	7.2	...	5.4	22.6	8.4
Electrical machinery (383)	34.4	34.8	39.1	40.0	17.4	15.5	...	51.3	18.6	...
Transport equipment (384)	19.1	17.1	12.2	13.8	3.5	5.5	...	11.3	17.8	...
Prof.. scientific equipment (385)	50.0	68.1	43.2	46.4	14.4	25.3	...	56.0	...	...
Other manufactures (390)	33.8	28.7	50.3	51.9	24.5	24.6	...	43.1	...	...
Total manufacturing (3)	51.1	45.9	33.9	...	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	1999	1991	1998	1990	1999
	Food products (311/2)	...	17.0	...	15.5	...	41.0	29.0	31.9	...	58.8
Beverages (313)	...	25.6	...	6.3	...	34.8	19.2	17.3	...	30.8
Tobacco (314)	...	36.7	...	34.9	...	82.1	10.1	28.8	...	33.8
Textiles (321)	...	78.1	...	8.6	...	52.1	57.2	51.9	...	59.9
Wearing apparel (322)	...	59.3	...	54.5	...	77.6	78.7	80.7	...	83.8
Leather and fur products (323)	16.3	...	55.4	45.2	43.9	...	49.5
Footwear (324)	38.1	...	73.3	53.3	53.8	...	53.7
Wood and cork products (331)	...	2.9	...	9.4	...	36.0	22.1	19.6	...	28.9
Furniture, fixtures excl. metallic (332)	...	7.5	...	0.8	...	31.7	23.9	26.0	...	27.9
Paper (341)	...	21.0	...	3.8	...	23.0	20.2	25.3	...	31.6
Printing and publishing (342)	...	24.2	...	3.2	...	...	28.0	34.0	...	29.6
Industrial chemicals (351)	...	20.7	...	1.0	...	17.3	10.8	14.4	...	10.6
Other chemicals (352)	...	7.5	...	19.2	...	46.9	27.6	28.7	...	33.6
Petroleum refineries (353)	...	28.9	...	0.3	...	...	7.6	...	...	9.0
Prods. of petroleum and coal (354)	5.0	...	...	9.8	...	...	15.4
Rubber products (355)	3.9	...	22.7	18.2	21.2	...	29.3
Plastic products (356)	5.2	...	48.7	28.8	31.0	...	39.5
Pottery, china, earthenware (361)	6.8	...	...	30.6	32.9	...	42.3
Glass (362)	2.3	...	...	13.3	16.5	...	23.8
Other non-metallic mineral prods. (369)	...	2.5	...	6.8	...	...	7.1	16.3	...	19.3
Iron and steel (371)	...	5.8	...	1.0	...	4.3	6.8	6.4	...	9.9
Non-ferrous metals (372)	0.8	...	13.7	10.4	14.7	...	16.5
Metal products (381)	...	12.1	...	2.2	...	25.5	17.3	18.5	...	25.3
Non-electrical machinery (382)	...	17.8	...	1.9	...	17.1	14.2	19.9	...	23.5
Electrical machinery (383)	...	5.8	...	7.8	...	61.8	30.0	29.2	...	37.0
Transport equipment (384)	...	6.4	...	1.1	...	11.1	12.4	15.3	...	16.5
Prof., scientific equipment (385)	11.6	...	63.4	38.0	34.6	...	36.4
Other manufactures (390)	...	38.5	...	16.1	...	...	54.1	45.0	...	42.3
Total manufacturing (3)	...	47.1	...	10.9	...	...	27.3	29.6	...	34.6

TABLE 1.10 SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISIC)	Jordan		Kenya		Latvia		Lithuania		Malaysia	
	1990	1997	1990	1999	1990	1998	1990	1999	1990	1997
Food products (311/2)	9.3	9.2	18.6	26.5	...	55.5	...	53.3	34.7	37.9
Beverages (313)	11.2	7.9	5.7	12.5	...	40.3	...	42.8	33.3	38.2
Tobacco (314)	4.4	4.4	13.9	6.2	...	39.3	...	29.9	46.5	15.6
Textiles (321)	32.1	28.0	8.6	10.6	...	68.9	...	67.7	58.2	49.2
Wearing apparel (322)	29.2	41.9	24.4	21.0	...	89.5	...	89.7	85.3	73.4
Leather and fur products (323)	15.0	23.8	18.8	22.2	...	...	...	60.9	61.1	70.8
Footwear (324)	12.4	10.2	1.4	5.1	...	...	...	73.8	50.0	54.5
Wood and cork products (331)	-	0.1	8.6	8.7	...	16.8	...	19.5	26.0	35.3
Furniture, fixtures excl. metallic (332)	0.4	0.9	2.7	1.3	...	25.9	...	33.0	29.7	27.9
Paper (341)	13.8	16.9	4.3	6.1	...	...	...	41.1	33.3	34.1
Printing and publishing (342)	4.5	7.7	14.0	16.7	...	50.7	...	56.8	41.2	38.0
Industrial chemicals (351)	6.0	2.7	16.5	26.1	...	...	...	36.8	16.3	18.0
Other chemicals (352)	27.6	23.8	17.3	28.5	...	...	...	55.1	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	10.6	...	...	...	...	50.3	45.3
Plastic products (356)	3.2	6.2	8.5	4.8	...	35.4	...	31.4	53.4	43.4
Pottery, china, earthenware (361)	8.0	6.6	3.8	4.2	...	...	...	60.9	59.2	54.5
Glass (362)	1.3	0.8	0.3	37.0	...	...	...	29.6	13.9	28.4
Other non-metallic mineral prods. (369)	0.8	1.1	2.7	6.2	...	25.0	...	28.3	19.6	16.0
Iron and steel (371)	1.4	1.2	...	...	...	...	...	23.8	11.7	12.8
Non-ferrous metals (372)	3.0	1.7	...	...	...	...	...	16.4	16.7	22.4
Metal products (381)	2.3	1.4	5.6	7.6	...	22.6	...	21.6	30.5	25.3
Non-electrical machinery (382)	4.3	4.7	2.2	5.5	...	...	...	33.8	25.2	41.7
Electrical machinery (383)	12.0	15.0	7.0	13.1	...	...	...	48.5	75.4	67.3
Transport equipment (384)	4.1	3.0	2.4	3.4	...	25.4	...	22.8	20.7	21.0
Prof., scientific equipment (385)	34.6	18.7	13.8	31.9	...	...	...	45.8	72.6	90.5
Other manufactures (390)	13.9	40.0	26.4	20.3	...	53.9	...	34.8	62.8	70.7
Total manufacturing (3)	8.9	9.8	11.3	17.1	...	...	...	50.5	50.7	47.0

TABLE 1.10
SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS
(Percentage)

Branch (ISIC)	Malta		Mauritius		Morocco		Mozambique		Myanmar	
	1990	1996	1990	1999	1992	1998	1990	1996	1990	1999
Food products (311/2)	18.0	19.3	...	22.0	11.6	16.1	...	35.9	...	...
Beverages (313)	11.5	12.6	...	10.3	3.2	5.2	...	7.2	...	...
Tobacco (314)	66.4	29.7	...	30.9	3.3	8.3	...	7.8	33.5	46.8
Textiles (321)	63.1	50.7	...	25.2	36.0	46.8	...	13.7	...	...
Wearing apparel (322)	81.8	82.4	...	71.1	75.5	76.8	...	46.6	...	...
Leather and fur products (323)	67.8	68.7	...	76.3	21.5	25.4	...	...	24.1	53.4
Footwear (324)	58.3	65.1	...	42.2	33.3	45.2	...	...	17.4	73.2
Wood and cork products (331)	0.6	8.5	...	20.7	7.9	7.2	...	2.4	4.6	...
Furniture, fixtures excl. metallic (332)	5.8	5.3	...	11.1	12.9	14.5	...	0.5	7.4	21.1
Paper (341)	17.8	12.3	...	31.1	13.5	12.1	...	20.4	...	...
Printing and publishing (342)	26.9	25.5	...	33.0	15.5	16.1	...	21.4	...	43.3
Industrial chemicals (351)	25.8	22.1	...	6.9	4.7	11.1	...	6.3	...	...
Other chemicals (352)	...	...	...	24.5	25.3	18.4	...	9.5	...	46.0
Petroleum refineries (353)	...	...	...	...	...	...	...	7.0	...	12.6
Prods. of petroleum and coal (354)	...	...	...	...	...	...	...	...	...	...
Rubber products (355)	32.8	39.6	...	14.0	4.3	4.9	...	...	36.5	35.2
Plastic products (356)	22.2	30.4	...	31.2	25.2	23.5	...	10.2	...	47.3
Pottery, china, earthenware (361)	12.1	21.5	...	71.8	24.2	23.7	...	...	...	49.6
Glass (362)	14.0	13.5	...	5.3	5.4	6.2	...	...	19.5	35.6
Other non-metallic mineral prods. (369)	3.9	3.0	...	7.9	2.4	3.2	...	4.6	...	...
Iron and steel (371)	...	...	...	...	3.1	4.7	...	12.3	6.8	...
Non-ferrous metals (372)	...	...	...	...	5.4	3.1	...	...	12.5	20.4
Metal products (381)	...	...	...	11.1	6.0	7.8	...	9.6	11.4	27.3
Non-electrical machinery (382)	2.8	8.2	...	6.9	6.8	6.8	...	6.3	...	...
Electrical machinery (383)	36.2	50.7	...	29.2	45.9	41.8	...	14.8	...	...
Transport equipment (384)	2.1	3.1	...	4.7	13.8	27.0	...	6.0	...	...
Prof., scientific equipment (385)	70.7	64.1	...	59.1	28.1	23.4	...	...	...	...
Other manufactures (390)	38.6	32.6	...	67.9	25.1	32.3	...	...	27.7	37.9
Total manufacturing (3)	38.4	35.2	...	57.0	30.0	35.6	...	19.6	...	...

TABLE 1.10
SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS
(Percentage)

Branch (ISIC)	Nepal		Oman		Panama		Philippines		Puerto Rico	
	1990	1996	1990	1999	1990	1999	1990	1995	1990	1999
Food products (311/2)	12.6	7.9	...	5.6	19.3	22.3	...	33.4	...	...
Beverages (313)	12.1	9.1	...	1.5	16.9	15.7	...	...	...	...
Tobacco (314)	5.8	6.6	...	...	19.9	...	...	45.0	38.3	43.2
Textiles (321)	47.9	37.0	...	8.8	30.1	55.4	...	52.4	54.4	49.6
Wearing apparel (322)	15.4	17.9	...	64.4	66.2	79.4	...	79.6	88.9	81.4
Leather and fur products (323)	2.8	7.7	...	...	8.3	7.8	...	66.6	...	...
Footwear (324)	17.5	16.0	...	17.2	35.6	45.9	...	57.6	...	...
Wood and cork products (331)	5.4	2.7	...	0.7	5.6	5.8	...	16.6	...	...
Furniture, fixtures excl. metallic (332)	1.2	5.3	...	3.0	6.7	...	...	28.6	28.9	17.3
Paper (341)	5.3	18.9	...	2.4	12.1	9.7	...	23.0	25.3	28.9
Printing and publishing (342)	8.2	7.1	...	6.2	34.6	27.2	...	31.4	47.6	51.9
Industrial chemicals (351)	...	...	...	1.8	25.9	17.2	...	19.8	...	...
Other chemicals (352)	17.0	9.5	...	5.2	24.8	32.6	...	33.4	...	...
Petroleum refineries (353)	...	5.4	...	4.6	...	6.4	...	12.8	...	...
Prods. of petroleum and coal (354)	...	...	...	...	...	...	...	22.7	...	...
Rubber products (355)	5.0	11.6	...	38.5	20.8	19.7	...	40.9	...	...
Plastic products (356)	10.9	7.3	...	3.5	18.0	10.2	...	27.3	...	...
Pottery, china, earthenware (361)	...	...	...	...	14.8	...	...	43.7	...	11.9
Glass (362)	...	6.3	...	2.7	7.3	8.2	...	9.0	...	...
Other non-metallic mineral prods. (369)	17.5	15.2	...	1.2	8.4	6.4	...	14.1	...	...
Iron and steel (371)	0.7	0.1	...	1.3	...	1.4	...	7.5	...	...
Non-ferrous metals (372)	...	...	...	1.2	...	11.7	...	18.2	...	...
Metal products (381)	1.7	1.9	...	1.4	9.0	7.3	...	18.5	17.7	15.3
Non-electrical machinery (382)	...	1.0	...	8.6	10.1	...	...	48.3	38.7	33.1
Electrical machinery (383)	2.7	5.4	...	0.8	9.1	...	...	70.1	61.0	52.8
Transport equipment (384)	...	...	...	...	8.3	...	...	12.3	52.6	56.8
Prof., scientific equipment (385)	...	...	...	4.0	24.6	...	...	80.3	67.0	58.5
Other manufactures (390)	6.6	21.4	...	15.2	...	...	...	65.3	58.5	43.8
Total manufacturing (3)	23.1	21.7	...	13.4	28.1	24.3	...	45.5	55.3	49.3

TABLE 1.10
SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS
(Percentage)

Branch (ISIC)	Republic of Korea		Slovakia		Sri Lanka		St. Vincent & the Gr.		United Kingdom	
	1990	1999	1990	1998	1990	1998	1990	1999	1990	1997
	Food products (311/2)	48.8	50.3	...	51.3	33.3	34.3	...	30.6	40.9	40.7
Beverages (313)	25.4	24.0	...	36.3	23.6	11.9	...	15.6	24.9	29.8
Tobacco (314)	30.6	19.1	...	...	55.2	70.9	...	57.1	38.2	40.0
Textiles (321)	57.4	46.8	...	74.0	62.1	61.8	...	...	47.9	45.0
Wearing apparel (322)	72.7	73.6	...	87.1	90.2	85.6	...	89.4	78.7	74.8
Leather and fur products (323)	37.3	42.0	...	...	47.7	68.7	...	...	41.9	41.7
Footwear (324)	49.3	49.3	...	75.6	47.6	57.1	...	...	55.2	52.2
Wood and cork products (331)	26.1	22.6	...	25.8	15.4	34.9	...	...	14.5	19.0
Furniture, fixtures excl. metallic (332)	28.0	23.1	...	35.9	5.1	4.2	...	...	21.8	27.0
Paper (341)	23.6	19.8	...	32.6	13.2	20.4	...	15.2	28.7	26.2
Printing and publishing (342)	28.9	31.1	...	51.0	13.2	12.4	...	53.8	35.4	41.8
Industrial chemicals (351)	15.7	10.6	...	34.8	8.1	18.5	...	...	17.4	20.7
Other chemicals (352)	37.0	29.6	...	52.5	30.3	41.1	...	65.0	38.9	37.0
Petroleum refineries (353)	4.2	...	...	28.1	...	...	...	...	14.9	14.3
Prods. of petroleum and coal (354)	11.8	...	...	...	...	...	...	...	5.0	...
Rubber products (355)	58.7	19.5	...	27.2	33.0	30.0	...	...	24.0	18.0
Plastic products (356)	28.2	26.3	...	39.3	60.7	40.4	...	...	32.1	27.6
Pottery, china, earthenware (361)	50.0	51.1	...	37.4	54.3	48.1	...	...	15.7	38.2
Glass (362)	22.4	16.6	...	42.7	5.8	16.6	...	...	8.9	17.1
Other non-metallic mineral prods. (369)	18.7	14.0	...	21.5	23.7	28.4	...	...	15.5	15.3
Iron and steel (371)	7.5	7.0	...	18.2	6.8	5.6	...	...	6.8	9.5
Non-ferrous metals (372)	12.3	12.0	...	27.8	4.7	2.9	...	...	9.8	15.9
Metal products (381)	19.8	19.8	...	20.9	17.7	6.7	...	17.2	18.1	18.2
Non-electrical machinery (382)	16.0	19.4	...	26.5	3.9	...	...	...	16.9	19.1
Electrical machinery (383)	49.1	41.3	...	56.8	38.0	44.9	...	27.3	29.9	32.6
Transport equipment (384)	12.7	10.2	...	20.7	9.4	10.3	...	43.5	11.2	11.4
Prof., scientific equipment (385)	40.7	36.3	...	39.8	39.8	30.3	...	...	31.9	32.0
Other manufactures (390)	49.0	42.9	...	52.5	68.0	73.9	...	...	44.6	40.3
Total manufacturing (3)	38.7	30.6	...	...	55.5	57.6	...	27.7	28.2	29.2

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)			Costs of input materials and utilities			Costs of labour			Operating surplus		
		Percentage in output a/			Percentage in output a/			Percentage in output a/			Percentage in output a/			Percentage in output a/		
		1990	LY	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY
Industrialized countries 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				
Canada	1998	64.2	66.9	24.4	22.6	67.8	68.5	12.3	11.5	10.6	20.0	20.9				
Denmark	1998	46.6	...	26.2	30.5	74.1	...	14.5	11.4	...	11.4	...				
Finland	1999	55.3	45.7	26.6	24.9	78.0	78.1	10.6	11.6	11.9	11.4	10.0				
Germany	1999	43.8	...	...	...	...	76.0	11.6	11.6	13.1	...	10.9
Italy	1998	59.0	60.1	36.3	20.7	80.7	78.3	11.9	7.5	7.5	7.4	14.2				
Japan	1999	58.6	73.8	18.8	26.9	63.0	62.2	11.9	9.4	13.6	25.1	23.6				
Norway	1999	29.8	49.8	25.5	29.5	87.3	83.7	10.9	11.3	11.3	1.8	7.8				
Portugal	1998	13.1	17.0	...	7.4	82.1	82.4	...	8.2	8.2	...	10.7				
Spain	1999	41.7	35.3	14.2	16.2	75.8	79.6	8.3	9.2	9.8	16.0	11.6				
United Kingdom	1999	49.7	...	18.3	...	65.2	75.0	12.8	11.7	15.7	22.0	12.7				
United States of America	1999	89.9	119.2	21.9	27.7	64.5	60.6	8.7	9.0	9.6	26.9	31.8				
Countries of eastern Europe and the former USSR																
Albania	1997	...	...	...	0.6	...	...	4.2	6.0	7.2	...	...		
Bulgaria	1998	...	...	2.1	3.7	...	...	...	...	7.4	...	10.3
Czech Republic	1998	...	8.7	...	2.6	...	69.8	...	...	12.8	...	17.3		
Latvia	1999	...	6.1	...	...	...	64.6	...	...	13.0	...	...		
Lithuania	1999	...	4.4	...	2.8	...	...	...	...	7.8	...	24.1
Russian Federation	1998	...	7.4	...	1.4	...	68.2	...	...	9.9	...	10.1		
Slovakia	1998	...	...	...	3.2	...	82.1	...	...	7.7	...	...		
Ukraine	1999	...	...	1.6	0.5	...	...	5.8	5.9	8.0	...	...		
Developing countries																
Bangladesh	1997	...	3.7	...	0.5	...	76.3	...	4.1	3.5	...	15.4				
Bolivia	1998	15.0	21.4	2.0	3.0	75.2	72.0	3.3	3.7	3.5	21.4	21.2				
Cameroon	1999	12.7	14.9	4.1	3.3	38.5	60.7	20.0	12.3	14.2	41.4	49.2				
Chile	1997	20.5	44.3	4.0	8.1	62.1	59.6	7.4	8.1	7.6	30.4	34.1				
China	1999	...	...	...	...	...	76.8	...	...	...	...	...
China (Hong Kong SAR)	1999	19.9	35.6	9.5	17.6	67.8	62.9	15.3	15.4	17.2	16.9	17.5				
China (Macao SAR)	1997	5.9	10.8	3.9	7.1	66.2	57.5	22.1	26.0	29.9	11.8	15.6				
China (Taiwan Province)	1997	27.6	...	10.0	14.2	79.1	79.9	7.6	8.8	...	13.3	11.3				
Colombia	1999	16.5	30.0	2.3	4.3	73.2	65.0	3.7	5.0	5.0	23.0	30.0				
Costa Rica	1999	...	...	2.8	4.8	76.6	72.2	...	...	...	...	...
Côte d'Ivoire	1997	...	14.8	...	5.2	71.9	67.1	...	11.2	8.8	...	16.9				
Cyprus	1999	17.1	24.1	8.5	12.3	70.1	65.0	14.8	19.2	17.5	15.1	16.6				
Ecuador	1999	8.4	9.1	3.5	1.9	81.5	79.3	7.5	4.0	3.3	10.9	12.9				
Egypt	1997	4.6	5.7	1.5	1.6	79.7	80.6	6.7	6.3	6.6	13.6	16.9				

a/ At current prices. b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11
(cont'nued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year (LY)	Food products (311/2)											
		Value added per employee (current 1000 dollars)			Wages and salaries per employee (current 1000 dollars)			Costs of input materials and utilities			Percentage in output a/		
		1990	LY	1999	1990	LY	1999	1990	1995	LY	1990	1995	LY
EI Salvador	1998	17.1	4.6	65.6	66.8	6.9	9.2	25.5	25.0	34.9	38.4	45.4	
Ethiopia	1999	8.8	0.8	57.7	48.9	8.1	5.6	38.4	45.4	9.9	7.2	8.0	
Fiji	1998	9.3	11.7	81.9	...	0.4	1.0	...	...	6.2	7.2	8.0
Guatemala	1998	2.0	0.8	89.4	88.6	4.3	3.4	4.3	4.0	6.2	7.2	8.0	
India	1999	4.9	0.6	66.1	70.3	4.0	4.1	4.0	6.7	29.9	17.4	25.5	
Indonesia	1997	7.4	2.0	73.5	83.8	7.2	5.3	7.2	5.3	19.3	13.3	10.8	
Jordan	1999	4.9	1.1	92.0	91.6	1.8	2.6	1.8	1.7	6.1	6.3	5.9	
Kenya	1998	9.1	4.3	60.1	60.4	18.7	14.5	18.7	16.5	21.1	24.0	25.1	
Kuwait	1998	...	5.6	57.7	57.7	...	10.4	...	...	...	...	31.9
Lebanon	1998	...	0.7	...	29.6	...	35.3	...	...	...	...	35.2
Malawi	1998	...	1.4	...	...	...	3.2	...	3.2	11.0	11.5	9.8
Malaysia	1997	11.8	5.1	85.4	87.0	3.6	3.2	3.6	3.2	11.0	11.5	9.8	
Mauritius	1997	7.0	11.4	84.5	81.6	8.9	7.7	8.9	8.3	8.9	10.1	10.3	
Mexico	1999	22.5	4.0	70.0	65.6	5.4	6.6	5.4	6.1	24.6	25.8	27.8	
Morocco	1998	7.0	3.3	90.1	80.3	6.9	7.0	6.9	7.9	3.0	11.8	14.0	
Oman	1999	20.3	6.2	68.9	70.0	7.9	7.9	7.9	7.9	23.2	23.2	13.8	
Panama	1999	15.8	5.3	67.4	78.4	11.0	7.9	11.0	13.4	21.6	15.6	18.1	
Puerto Rico	1999	14.2	30.0	73.2	68.8	12.1	13.0	12.1	13.4	14.7	15.6	18.1	
Republic of Korea	1999	34.0	7.8	64.6	60.7	8.1	6.5	8.1	8.5	27.3	30.9	32.1	
Saint Lucia	1997	...	...	...	71.5	15.9	17.8	...	...	...	12.7	13.7
Senegal	1997	12.1	7.1	72.9	79.0	10.1	8.4	10.1	8.2	17.0	12.8	11.8	
Singapore	1999	30.3	46.3	71.5	70.3	10.1	12.4	10.1	11.4	18.4	18.3	23.4	
Sri Lanka	1998	5.2	6.0	61.6	65.7	4.0	4.4	4.0	5.4	34.3	38.5	29.9	
Tunisia	1999	...	...	83.4	82.4	6.5	6.0	6.5	6.2	10.1	11.4	10.4
Turkey	1997	19.7	26.3	71.4	74.3	8.2	6.5	8.2	6.4	20.4	24.2	19.2	
Uruguay	1997	9.9	19.2	69.5	64.0	8.8	9.0	8.8	9.0	21.7	27.0	15.5	
Venezuela	1997	14.7	11.4	69.3	82.5	7.3	3.8	7.3	3.0	23.4	27.3	13.7	
Yugoslavia	1999	...	1.8	...	65.9	...	6.4	...	...	...	27.7	24.2

a/ At current prices.

TABLE 1.11
SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area		Textiles (321)															
		Latest year (LY)	Value added per employee (current 1000 dollars)			Wages and salaries per employee (current 1000 dollars)			Costs of input materials and utilities			Costs of labour			Operating surplus		
			1990	1995	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Industrialized countries 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	70.8	12.0	...	...	17.4	...					
Canada	1998	41.3	39.5	21.4	17.9	58.6	55.8	21.5	22.1	20.4	19.9	24.5					
Denmark	1998	37.6	...	24.9	30.4	53.6	...	30.7	...	...	15.7	...					
Finland	1999	35.4	48.2	21.6	23.2	57.7	54.4	25.7	23.5	20.7	16.6	22.3					
France	1999	36.5	39.0	23.8	21.9	63.9	66.7	23.5	21.5	16.2	12.6	12.7					
Germany	1999	42.4	42.4	26.8	26.8	...	...	...	...	...	...	...
Italy	1998	46.1	45.0	29.0	18.0	68.5	70.9	19.8	11.7	11.7	11.7	17.4					
Japan	1999	42.7	53.5	18.6	27.7	57.7	57.5	18.5	12.0	22.0	23.8	20.5					
Norway	1999	33.3	40.4	23.2	25.7	62.3	62.7	26.3	24.2	24.6	11.4	14.1					
Portugal	1998	10.5	15.1	...	6.8	69.3	69.7	...	...	...	...	...
Spain	1999	30.2	29.1	14.3	14.7	60.6	67.1	18.6	16.1	16.7	20.8	16.2					
Switzerland	1997	44.0	...	...	...	62.1	62.1	...	...	...	...	...
United Kingdom	1999	31.2	...	16.1	...	55.2	62.6	23.1	21.3	24.7	21.8	14.5					
United States of America	1999	42.2	60.0	18.3	24.4	58.6	57.7	17.9	17.6	17.4	23.5	25.4					
Countries of eastern Europe and the former USSR																	
Albania	1997	...	...	...	0.4	...	...	12.7	15.0	15.2	...	...			
Bulgaria	1998	...	...	...	1.0	...	...	...	...	...	...	...
Czech Republic	1998	...	6.1	1.9	3.1	...	69.9	...	...	15.4	...	14.7					
Latvia	1999	...	6.8	7.6	2.9	...	57.2	...	...	18.0	...	24.8					
Lithuania	1999	...	...	...	2.6	...	...	...	...	21.4	...	...			
Russian Federation	1998	...	1.1	...	...	...	60.1	...	14.2	24.2	...	25.7					
Slovakia	1998	...	4.2	...	2.4	...	...	...	...	18.0	...	11.3					
Ukraine	1999	...	...	1.6	0.2	...	...	8.1	9.9	19.1	...	...			
Developing countries																	
Bangladesh	1997	...	1.1	...	0.5	...	64.3	...	14.9	15.0	...	20.8					
Bolivia	1998	5.4	6.7	1.3	2.1	66.4	63.8	7.8	8.9	13.7	25.8	18.3					
Cameroon	1999	12.7	35.4	7.6	5.1	...	57.1	14.5	8.2	9.3	...	30.3					
Chile	1997	...	22.0	3.5	8.0	...	54.0	13.2	15.9	16.9	...	29.2					
China	1999	...	...	...	...	78.5	80.5	...	...	...	...	...
China (Hong Kong SAR)	1999	16.9	32.7	10.0	18.0	72.6	75.3	16.3	14.1	15.1	11.1	12.3					
China (Macao SAR)	1997	9.0	12.8	4.3	6.8	71.9	75.8	13.5	13.7	11.1	14.6	9.8					
China (Taiwan Province)	1997	16.1	13.7	9.2	13.1	67.4	68.9	18.6	18.7	14.0	43.2	35.7					
Colombia	1999	15.5	13.7	2.1	3.7	49.8	51.8	6.9	11.1	13.2	...	...			
Costa Rica	1999	...	...	2.4	4.1	65.5	63.3	...	...	...	...	...
Côte d'Ivoire	1997	...	10.5	...	4.5	9.7	61.2	...	13.5	13.4	...	25.3					

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

Country or area		Textiles (321)											
		Latest year (LY)		Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/				Operating surplus	
				1990	LY	1990	LY	Costs of input materials and utilities		Costs of labour				1990	LY
Cyprus	1999	14.7	16.3	7.3	9.3	59.2	55.9	20.3	27.1	25.1	20.5	14.0	19.1
Ecuador	1999	6.5	7.3	2.4	0.9	62.1	71.0	13.7	5.9	3.6	24.2	35.4	25.4
Egypt	1997	3.1	2.5	1.7	1.5	72.1	73.8	15.1	16.7	16.0	12.8	3.1	10.2
El Salvador	1998	...	8.9	...	2.9	...	56.7	...	12.5	13.9	...	33.7	29.4
Ethiopia	1999	2.3	1.1	1.4	0.5	60.3	63.7	24.9	19.6	15.9	14.8	24.4	20.4
Guatemala	1998	...	...	...	0.7	...	...	...	0.6	2.7	...	...	...
India	1998	2.4	2.0	1.2	1.3	79.7	84.5	10.4	8.2	10.1	9.8	7.1	5.5
Indonesia	1999	3.2	4.2	0.5	0.7	69.5	68.7	5.0	6.8	4.9	25.6	26.4	26.4
Jordan	1997	14.3	7.8	2.4	2.5	57.4	68.5	7.2	9.7	10.0	35.5	27.7	21.6
Kenya	1999	2.2	1.8	1.2	1.6	71.6	45.7	15.1	15.9	48.6	13.3	6.5	5.7
Kuwait	1998	12.9	15.0	3.9	6.2	50.9	45.6	14.8	21.9	19.3	34.2	32.5	27.8
Lebanon	1998	...	18.6	...	5.5	...	59.3	...	...	12.0	...	...	28.7
Malawi	1998	1.4	1.7	1.2	0.3	87.0	54.9	11.1	12.1	8.0	1.8	33.0	36.4
Malaysia	1997	7.9	19.7	2.7	4.8	71.8	63.6	9.5	9.3	8.8	18.7	21.4	27.6
Mauritius	1997	5.7	10.3	2.1	3.3	62.8	69.5	13.9	10.1	10.7	23.3	20.4	22.4
Mexico	1999	11.1	13.5	3.6	4.4	53.0	61.3	15.4	12.4	13.0	31.6	26.3	27.0
Morocco	1998	5.7	6.4	2.9	3.0	72.6	65.7	14.1	18.6	16.3	13.3	15.6	18.2
Oman	1999	...	21.9	...	8.4	...	40.1	...	10.8	...	...	49.1	...
Panama	1999	9.7	16.1	3.9	5.4	62.8	59.7	14.9	...	13.6	22.3	...	26.7
Puerto Rico	1999	...	...	...	9.8	...	58.4	...	24.0	29.0	...	15.4	12.6
Republic of Korea	1999	19.6	42.7	7.8	11.0	61.4	55.6	15.4	16.0	11.4	23.2	29.6	32.9
Senegal	1997	...	4.2	...	2.3	...	73.3	76.1	13.3	13.1	...	...	10.7
Singapore	1999	21.0	33.5	8.9	14.8	67.1	63.0	14.0	17.8	16.4	18.9	13.5	20.6
Sri Lanka	1998	1.8	2.8	0.5	0.7	56.2	60.7	11.1	11.9	11.2	32.7	27.4	36.2
Tunisia	1999	...	...	...	...	71.5	69.2	14.4	13.5	14.1	14.0	17.3	20.6
Turkey	1997	16.3	19.1	4.5	5.4	59.2	64.5	11.3	8.0	9.7	29.6	27.5	24.8
United Republic of Tanzania	1999	...	...	...	0.3	...	...	...	14.0	15.1	...	...	...
Uruguay	1997	11.8	23.7	3.4	7.1	58.9	60.9	12.0	11.3	11.7	29.2	33.3	27.4
Venezuela	1997	11.6	8.0	3.9	1.7	59.1	60.4	13.9	4.9	6.4	27.1	34.7	22.9
Yugostavia	1999	...	3.8	...	0.6	...	45.4	...	13.8	7.4	...	40.8	40.8

a/ At current prices.

TABLE 1.11
SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year (LY)	Wearing apparel (322)						Percentage in output a/					
		Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Costs of input materials and utilities		Costs of labour		Operating surplus			
		1990	LY	1990	LY	1990	LY	1990	LY	1990	LY		
		1990	LY	1990	LY	1990	LY	1990	LY	1990	LY		
Industrialized countries b/													
Belgium	1997	25.5	...	12.0	...	66.1	65.8	16.0	...	17.9	...	...
Canada	1998	30.1	30.0	16.4	14.7	52.6	53.8	25.8	...	21.6	23.4	23.6	
Denmark	1998	22.4	...	19.2	27.3	51.2	...	41.9	...	6.8	...	...
Finland	1999	29.1	32.1	19.0	19.5	52.3	58.7	31.1	20.7	16.5	16.7	13.4	
France	1999	40.1	33.6	28.4	20.2	57.4	71.0	30.2	17.4	12.5	...	11.6	
Germany	1999	...	39.6	...	25.3	...	73.5	...	16.9	...	...	9.5
Italy	1998	31.9	32.4	25.0	14.0	71.5	...	22.3	12.4	6.2	...	16.2	
Japan	1999	24.4	33.9	12.9	19.1	47.2	47.0	28.0	29.6	24.9	35.3	23.0	
Norway	1999	27.9	30.5	20.1	22.4	62.0	64.4	27.4	28.6	10.7	9.7	10.3	
Portugal	1998	6.8	10.0	...	5.4	68.3	65.1	17.7	...	...	...	14.9
Spain	1999	25.9	20.3	12.0	11.5	59.1	67.6	19.0	18.4	21.9	13.8	14.0	
United Kingdom	1999	22.2	...	11.3	...	48.3	61.3	26.3	24.0	25.4	15.2	14.4	
United States of America	1999	31.6	54.8	13.4	18.9	46.3	47.4	22.8	20.2	30.9	32.4	32.1	
Countries of eastern Europe and the former USSR													
Bulgaria	1998	...	...	...	0.8	...	...	14.3	23.2	...	...	...
Czech Republic	1998	...	4.5	1.8	2.6	...	59.7	...	27.0	...	...	16.7
Latvia	1999	...	3.8	...	2.1	...	43.2	...	32.0	...	...	24.8
Lithuania	1999	...	...	...	2.0	...	...	...	13.3	...	...	...
Russian Federation	1998	...	1.2	...	0.6	...	53.2	...	23.6	...	...	23.3
Slovakia	1998	...	3.9	...	2.3	...	55.6	...	25.7	...	...	18.7
Ukraine	1999	...	...	1.3	0.4	...	...	13.9	20.5	...	...	...
Developing countries													
Bangladesh	1997	...	0.9	...	0.4	...	68.9	...	10.8	...	20.3	15.0	
Bolivia	1998	3.9	5.5	1.1	2.2	61.9	65.1	10.6	15.3	27.4	19.6	32.2	
Cameroon	1999	...	2.6	...	0.9	...	68.8	...	13.6	...	17.6	32.3	
Chile	1997	9.4	25.2	2.9	7.9	51.9	50.2	14.7	15.3	33.4	34.5	33.4	
China (Hong Kong SAR)	1999	11.6	27.6	8.2	14.8	70.2	72.4	20.9	18.1	8.9	9.5	13.4	
China (Macao SAR)	1997	6.5	11.3	3.8	6.3	72.9	74.5	15.9	14.5	11.2	10.7	11.1	
China (Taiwan Province)	1997	20.3	...	6.9	9.9	67.8	64.8	11.0	17.5	21.2	17.7	...	
Colombia	1999	4.7	8.2	1.4	2.4	61.2	53.4	11.2	15.5	27.6	33.3	33.0	
Cote d'Ivoire	1997	...	8.4	...	5.1	...	68.6	...	18.8	...	14.4	12.5	
Cyprus	1999	10.4	15.8	6.2	8.0	62.2	61.7	22.5	20.6	16.2	11.1	19.9	
Ecuador	1999	2.7	2.8	1.3	0.6	69.0	72.7	14.8	9.1	5.7	31.4	21.6	
Egypt	1997	2.1	3.1	1.2	1.2	79.2	56.2	11.3	8.6	9.5	35.2	20.7	
El Salvador	1998	...	5.1	...	2.5	...	30.7	...	35.5	...	46.8	35.7	
Ethiopia	1999	3.7	0.8	1.4	0.5	68.9	61.3	11.7	17.8	19.3	20.9	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

Country or area		Wearing apparel (322)												
		Latest year (LY)		Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/				Operating surplus		
		1990	LY	1990	LY	1990	LY	Costs of input materials and utilities		Costs of labour		1990	LY	
Guatemala	1998	2.9	2.6	0.8	0.8	77.7	77.1	77.8	2.6	1.5	5.8	16.5	16.9	15.8
India	1998	1.9	2.5	0.5	0.6	64.3	63.4	63.4	6.3	6.0	9.9	25.8	24.9	28.1
Indonesia	1999	5.7	4.7	1.7	1.8	51.1	56.4	58.4	8.5	13.6	14.3	34.6	26.4	25.6
Jordan	1999	2.3	2.9	1.0	1.7	77.9	77.9	80.6	11.5	10.5	15.2	36.3	11.6	7.9
Kenya	1998	6.5	11.5	1.9	5.1	48.5	23.5	26.4	32.9	32.9	15.2	36.3	43.6	41.0
Kuwait	1998	13.8	13.8	5.4	5.4	56.8	56.8	56.8	17.0	17.0	17.0	25.2	25.2	25.2
Lebanon	1998	0.4	0.4	0.2	0.2	60.8	60.8	74.6	14.1	8.9	11.3	30.3	30.3	11.3
Malawi	1998	4.3	7.4	2.2	3.8	68.2	64.7	66.6	17.1	19.1	16.1	15.8	16.2	16.3
Malaysia	1997	2.7	5.0	1.5	2.6	68.4	66.7	64.2	19.0	19.8	17.8	31.8	13.5	16.8
Mauritius	1999	7.3	9.3	3.0	3.2	47.8	54.6	60.3	13.8	13.8	21.5	30.7	31.6	26.0
Mexico	1998	2.9	4.0	1.8	2.5	67.5	59.5	55.9	27.9	26.0	20.9	11.5	14.5	16.2
Morocco	1999	8.0	8.0	2.5	2.5	56.7	56.7	55.6	14.7	14.7	14.7	26.6	26.6	26.6
Oman	1999	4.6	6.6	3.0	3.3	71.6	63.2	63.2	18.2	22.4	18.5	10.0	27.4	18.6
Panama	1999	14.7	23.8	6.5	9.1	56.6	50.9	50.9	18.8	17.3	19.1	24.3	31.9	30.4
Puerto Rico	1999	2.5	14.1	1.1	1.5	63.0	63.0	71.6	3.1	41.9	16.5	20.5	12.1	25.3
Republic of Korea	1999	10.6	18.0	6.4	10.9	69.2	68.8	69.0	18.7	23.1	18.7	12.1	8.2	12.3
Saint Lucia	1997	1.6	2.5	0.5	0.7	58.6	56.7	53.4	13.6	14.9	13.3	28.1	28.4	33.0
Senegal	1999	12.8	15.6	3.1	4.1	68.8	71.0	71.7	15.1	15.2	15.1	16.1	13.8	13.6
Singapore	1999	6.9	8.0	2.4	3.4	64.3	48.5	62.2	1.4	1.3	12.4	23.3	36.7	22.0
Sri Lanka	1997	5.6	7.4	2.7	2.1	62.8	61.8	65.5	10.0	9.6	17.6	19.6	28.6	24.5
Tanzania	1999	2.7	2.7	0.4	0.4	43.2	50.1	43.2	7.8	18.9	18.9	31.0	31.0	49.0
Tunisia	1997	12.8	15.6	3.1	4.1	68.5	71.0	67.3	8.6	5.7	7.5	23.9	22.8	24.2
Turkey	1999	6.9	8.0	2.4	3.4	64.3	48.5	62.2	1.4	1.3	12.4	23.3	36.7	22.0
United Republic of Tanzania	1997	5.6	7.4	2.7	2.1	62.8	61.8	65.5	10.0	9.6	17.6	19.6	28.6	24.5
Uruguay	1999	2.7	2.7	0.4	0.4	43.2	50.1	43.2	7.8	18.9	18.9	31.0	31.0	49.0
Venezuela	1999	2.7	2.7	0.4	0.4	43.2	50.1	43.2	7.8	18.9	18.9	31.0	31.0	49.0
Yugoslavia	1999	2.7	2.7	0.4	0.4	43.2	50.1	43.2	7.8	18.9	18.9	31.0	31.0	49.0

a/ At current prices.

TABLE 1.11
SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area		Leather and fur products (323)														
		Latest year (LY)		Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Industrialized countries b/																
Canada	1998	32.6	33.5	18.7	15.5	59.6	58.5	56.5	23.2	21.1	20.1	17.2	20.4	23.4		
Denmark	1998	24.8	...	20.2	24.4	57.0	...	...	35.1	...	...	7.9	...	...
Finland	1999	34.0	38.6	20.3	20.1	60.6	67.3	63.8	23.5	18.6	18.8	15.9	14.1	17.4		
France	1999	56.8	44.9	37.5	21.8	55.2	48.7	55.5	29.7	21.6	21.6	15.2	...	22.9		
Germany	1999	...	39.1	...	23.8	...	...	70.5	...	18.0	18.0	...	...	11.5
Italy	1998	45.6	41.6	27.7	16.8	76.5	...	79.4	14.3	...	8.3	9.2	...	12.3		
Japan	1999	42.4	63.5	18.2	30.2	63.2	61.6	60.8	15.8	8.5	18.6	21.0	30.0	20.6		
Norway	1999	34.5	31.2	23.4	28.4	70.4	68.2	77.1	20.0	22.8	20.9	9.6	8.9	2.1		
Portugal	1998	12.8	13.1	...	7.1	77.5	77.4	79.7	...	...	11.0	...	...	9.3
Spain	1999	34.3	27.3	16.0	15.0	69.8	74.3	72.1	14.1	14.3	15.3	16.1	11.5	12.6		
United Kingdom	1999	31.3	...	15.9	...	66.5	68.5	63.8	17.0	20.5	17.7	16.5	11.0	18.5		
United States of America	1999	46.0	67.6	17.9	25.3	56.6	58.5	54.5	16.9	16.0	17.0	26.5	26.5	28.5		
Countries of eastern Europe and the former USSR																
Albania	1997	...	...	...	1.0	...	...	...	11.5	11.1	13.0	...	...	...
Bulgaria	1998	...	...	...	0.9	...	...	...	...	...	...	...	...	...
Czech Republic	1998	...	4.8	1.9	3.0	...	...	74.8	...	...	15.6	...	...	9.6
Latvia	1998	...	2.2	...	1.5	...	66.0	...	...	...	22.1	...	...	11.9
Lithuania	1999	...	...	...	2.3	...	...	...	...	...	17.7	...	...	...
Russian Federation	1998	...	0.9	...	0.7	...	52.2	63.3	...	18.5	30.2	...	29.3	6.5		
Ukraine	1999	...	...	1.6	0.4	...	...	...	16.1	8.3	7.0	...	...	...
Developing countries																
Bangladesh	1997	...	3.9	...	0.6	...	89.8	86.2	...	2.5	2.1	...	7.7	11.7		
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	1999	...	...	...	...	77.3	79.3	76.3	...	...	...	...	...	...
China (Hong Kong SAR)	1999	16.4	21.3	9.0	13.5	78.3	77.2	78.6	11.9	12.7	13.6	9.8	10.1	7.8		
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)	1997	12.4	...	8.5	12.9	64.5	65.8	64.5	24.4	30.1	4.1	11.1	4.1	...		
Colombia	1999	8.1	11.8	1.8	3.0	70.5	65.4	55.8	6.5	8.8	11.3	23.0	25.7	32.9		
Costa Rica	1999	...	...	2.4	3.9	66.4	65.1	65.1	...	...	...	...	...	...
Cyprus	1999	11.5	18.6	7.1	10.7	64.0	61.2	61.8	22.3	25.4	21.9	13.8	13.4	16.2		
Ecuador	1999	3.6	3.8	1.3	0.5	71.3	68.0	70.1	10.4	6.0	4.0	18.3	26.0	25.9		
El Salvador	1998	...	7.5	...	3.4	61.4	61.4	61.4	...	...	17.3	...	...	21.2
Ethiopia	1999	7.3	5.0	1.5	1.1	65.2	71.8	61.4	7.2	5.5	8.6	27.6	22.8	30.1		
Guatemala	1998	...	...	...	1.3	...	...	...	...	...	2.3	...	...	...
India	1998	2.7	2.0	0.9	0.7	86.5	85.3	86.7	4.5	4.6	4.9	9.1	10.1	8.4		

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

a/ At current prices.

TABLE 1.11
(cont. inued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area		Leather and fur products (323)												
		Latest year (LY)		Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Costs of input materials and utilities			Percentage in output a/			
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Indonesia	1999	3.3	2.8	0.5	0.6	67.3	67.5	65.4	5.1	8.3	8.1	27.5	24.2	26.5
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	1999	3.0	1.6	1.4	1.2	77.3	72.4	80.8	10.7	15.3	13.7	12.0	12.3	5.5
Lebanon	1998	..	17.3	..	5.6	..	..	62.3	..	..	12.3	..	..	25.4
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
Mauritius	1997	4.5	3.7	1.8	2.4	62.4	67.0	48.3	15.2	22.9	33.1	22.5	10.1	18.5
Mexico	1999	..	11.7	..	3.7	..	70.9	75.3	..	8.4	7.9	..	20.7	16.9
Morocco	1998	..	4.9	..	2.5	..	75.9	72.5	..	14.3	14.0	..	9.8	13.5
Myanmar	1999	4.2	10.1	0.8	2.6	20.0	76.9	78.0	15.4	7.2	5.5	64.7	16.0	16.4
Panama	1999	10.6	9.8	4.5	5.1	67.8	..	83.7	13.7	..	8.5	18.5	..	7.8
Republic of Korea	1999	28.3	42.1	8.5	11.4	70.7	66.6	68.2	8.8	10.1	8.6	20.5	23.3	23.2
Senegal	1997	..	21.4	..	1.4	..	94.3	64.1	..	..	2.4	..	..	33.5
Singapore	1999	16.2	34.2	8.4	15.4	63.8	60.3	73.0	18.9	21.8	12.2	17.3	17.9	14.8
Sri Lanka	1998	2.3	4.0	0.5	0.6	60.6	72.7	52.6	8.8	8.9	7.2	30.7	18.4	40.3
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	1997	9.6	5.6	2.8	1.6	69.0	66.0	78.0	9.1	5.0	6.2	21.9	29.0	15.8
Yugoslavia	1999	..	4.6	..	0.7	..	55.8	59.7	..	11.6	6.0	..	32.6	34.4

a/ At current prices.

TABLE 1.11
SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area		Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Costs of input materials and utilities		Percentage in output a/									
			1990		LY		1990		LY		1990		LY		1990		LY	
			1990	LY	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY
Footwear (324)																		
Industrialized countries 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					
Canada	1998	30.4	29.6	18.2	16.2	53.6	54.8	27.9	25.6	24.7	18.6	19.7	20.5					
Denmark	1998	39.1	...	25.3	32.1	66.6	...	21.6	...	...	11.8	...	...			
Finland	1999	28.9	32.9	19.7	19.3	59.1	59.3	27.9	24.2	23.9	13.1	16.7	16.8					
France	1999	27.0	31.5	19.8	18.8	50.9	62.3	35.9	...	...	13.2	...	15.2			
Germany	1999	...	42.7	...	24.8	...	71.4	...	16.5	16.6	...	...	12.0			
Italy	1998	30.0	33.9	21.9	14.2	73.5	72.5	19.3	...	11.6	7.2	...	15.9					
Japan	1999	43.5	50.5	19.7	28.0	60.4	60.0	18.0	12.7	22.2	21.7	30.7	17.8					
Norway	1999	27.1	32.6	19.8	22.1	57.6	60.7	30.9	28.7	29.4	11.5	10.7	13.9					
Portugal	1998	7.6	10.6	...	5.9	72.7	70.3	...	...	16.4	...	...	13.2	
Spain	1999	25.8	19.7	10.9	11.2	67.0	79.5	13.9	10.8	12.7	19.0	9.7	9.6					
United Kingdom	1999	28.0	...	14.9	...	48.6	63.4	26.8	27.5	23.8	23.6	9.1	28.1					
United States of America	1999	34.6	54.5	14.8	22.1	50.1	50.5	21.3	20.0	20.0	28.6	29.4	29.5					
Countries of eastern Europe and the former USSR																		
Albania	1997	...	...	...	0.8	...	...	16.2	15.5	21.0	...	...	...		
Bulgaria	1998	...	...	...	0.8	...	...	...	...	...	...	...	...
Czech Republic	1998	...	4.3	2.2	2.9	...	66.4	...	...	23.0	...	...	10.6	
Latvia	1998	...	1.9	...	1.6	...	63.8	...	...	30.3	...	...	5.9	
Lithuania	1999	...	...	...	1.8	...	52.4	...	...	31.5	...	...	...		
Russian Federation	1998	...	1.3	...	0.7	...	56.3	...	17.3	23.9	...	26.5	17.7					
Slovakia	1998	...	3.4	...	2.4	...	68.9	...	...	22.2	...	...	8.8	
Ukraine	1999	...	...	1.6	0.3	...	...	19.4	14.4	14.6	...	...	...		
Developing countries																		
Bangladesh	1997	...	3.3	...	0.5	...	...	...	6.6	7.7	...	40.8	38.2		
Bolivia	1998	9.9	5.8	2.3	0.9	54.9	54.1	10.6	8.0	6.1	34.4	25.1	34.5					
Chile	1997	10.7	22.8	2.9	7.3	52.3	47.6	13.1	14.6	14.8	34.6	37.8	31.3					
China (Hong Kong SAR)	1999	10.2	14.2	7.7	11.6	71.6	55.7	21.4	31.4	28.1	7.0	12.9	6.3					
China (Macao SAR)	1997	6.7	8.3	4.1	4.8	70.2	78.2	18.3	12.3	13.7	11.6	9.4	10.1					
China (Taiwan Province)	1997	12.3	...	7.5	11.2	78.8	79.4	12.9	18.5	...	8.3	2.1	...					
Colombia	1999	6.5	9.7	1.6	2.6	62.1	54.8	9.0	11.3	12.8	28.9	33.9	36.0					
Côte d'Ivoire	1997	...	5.5	...	3.1	83.1	76.0	...	14.9	13.6	...	2.0	10.4					
Cyprus	1999	13.9	20.3	7.7	11.2	61.8	59.1	21.2	30.9	24.7	17.0	10.0	20.2					
Ecuador	1999	3.3	4.9	1.6	0.7	68.0	65.2	15.8	8.0	4.2	16.2	26.8	24.5					
Egypt	1997	2.3	2.0	1.6	0.9	73.8	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	1999	4.9	2.7	1.8	0.8	64.7	60.6	12.9	12.8	10.9	22.4	26.6	27.6					

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

Country or area		Footwear (324)													
		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	1990	LY	Costs of input materials and utilities		Costs of labour		Operating surplus			
		1990	LY	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY
Guatemala	1998	2.1	2.1	1.0	1.1	82.9	83.5	84.2	8.0	1.8	2.7	9.0	8.4	9.5	
India	1998	3.2	2.7	0.8	0.9	50.3	61.6	55.5	12.4	8.1	6.3	37.3	24.9	32.1	
Indonesia	1999	5.4	6.5	2.4	2.1	58.1	57.7	63.5	18.9	13.6	12.4	23.0	29.7	24.9	
Jordan	1997	5.5	5.0	1.6	2.9	66.7	80.0	65.6	9.7	9.3	11.6	23.6	10.7	14.4	
Kenya	1999	10.9	10.9	8.3	8.3	56.4	56.4	52.1	39.2	39.2	36.6	4.4	4.4	11.3	
Kuwait	1998	9.1	9.1	8.1	8.1	57.9	57.9	57.9	37.6	37.6	37.6	4.4	4.4	4.5	
Lebanon	1998	1.9	1.9	1.1	1.1	74.8	74.8	71.2	17.3	12.7	17.3	12.5	12.5	11.5	
Malawi	1998	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	
Malaysia	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	
Mauritius	1999	6.1	7.7	3.6	3.5	62.0	62.2	62.8	22.5	19.8	17.2	15.5	19.6	20.0	
Mexico	1999	4.7	4.7	3.1	3.1	69.4	69.4	64.9	11.1	8.5	7.0	31.8	10.7	11.5	
Morocco	1998	2.5	7.5	0.6	2.2	57.1	75.6	76.4	11.1	8.5	7.0	31.8	15.9	16.7	
Myanmar	1999	9.3	9.3	4.5	4.5	55.9	55.9	54.1	22.1	22.1	22.1	22.0	22.0	22.0	
Qatar	1999	7.1	5.4	3.4	2.8	68.0	79.0	79.0	15.2	10.9	10.9	16.8	16.8	10.1	
Panama	1999	20.8	26.7	7.1	9.4	55.6	53.3	54.7	15.1	19.4	16.0	29.3	27.3	29.3	
Republic of Korea	1999	11.6	18.7	6.4	13.6	67.4	62.6	57.9	18.1	21.5	30.6	14.5	15.9	11.6	
Singapore	1999	3.9	5.1	0.8	1.3	45.2	49.2	52.2	12.0	13.6	12.6	42.9	37.2	35.2	
Sri Lanka	1998	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	
Turkey	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	
Uruguay	1997	5.6	6.7	2.4	1.8	67.0	62.5	69.3	14.1	8.1	8.4	18.9	29.3	22.3	
Venezuela	1997	1.8	1.8	0.4	0.4	54.2	54.2	70.7	18.7	18.7	5.8	27.1	27.1	23.5	
Yugoslavia	1999	1.8	1.8	0.4	0.4	54.2	54.2	70.7	18.7	18.7	5.8	27.1	27.1	23.5	

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 (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		Costs of input materials and utilities		Costs of labour		Operating surplus	
		1990	LY	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY
Industrialized countries b/													
Belgium	1997	25.1	52.0	73.1	73.8	73.1	73.8	22.3	17.4	13.4	19.0	17.9	
Canada	1998	43.4	52.0	64.3	65.8	64.3	65.8	34.8	17.4	11.4	19.0	17.9	
Denmark	1998	33.9	47.5	53.8	71.7	53.8	71.7	16.4	14.6	18.2	13.8	12.6	
Finland	1999	51.9	43.3	60.1	60.4	60.1	60.4	22.7	20.2	17.2	13.8	14.5	
France	1999	44.9	49.1	60.1	66.7	60.1	66.7	22.7	20.2	17.2	13.8	14.5	
Germany	1999	49.1	43.3	60.1	66.7	60.1	66.7	22.7	20.2	17.2	13.8	14.5	
Italy	1998	43.5	45.3	69.4	67.6	69.4	67.6	19.3	6.0	11.3	31.8	21.0	
Japan	1999	46.2	62.1	61.2	61.8	61.2	61.8	17.0	6.0	21.8	31.8	19.1	
Norway	1999	40.6	43.8	69.6	70.4	69.6	70.4	19.0	18.8	11.4	9.5	10.5	
Portugal	1998	9.7	15.7	76.9	76.5	76.9	76.5	14.8	15.8	22.3	15.1	15.2	
Spain	1999	29.3	27.8	62.9	69.0	62.9	69.0	17.8	19.0	20.7	12.5	17.5	
United Kingdom	1999	41.0	66.4	61.5	68.5	61.5	68.5	18.6	16.1	19.8	22.6	22.9	
United States of America	1999	41.0	66.4	61.7	61.3	61.7	61.3	18.6	16.1	19.8	22.6	22.9	
Countries of eastern Europe and the former USSR													
Bulgaria	1998	...	...	...	...	...	...	14.9	11.2	...	...	...
Czech Republic	1998	7.0	7.0	...	75.5	...	75.5	...	...	...	...	13.2
Latvia	1999	5.9	5.9	...	68.8	...	68.8	...	...	...	...	19.0
Lithuania	1999	...	...	...	...	...	...	...	...	...	...	...
Russian Federation	1998	1.8	1.8	...	59.6	...	59.6	...	18.8	...	18.7	19.4	
Slovakia	1998	4.0	4.0	...	76.4	...	76.4	...	...	...	...	8.3
Ukraine	1999	...	...	...	...	...	...	18.7	11.9	...	...	...
Developing countries													
Bangladesh	1997	1.7	1.7	...	...	...	...	...	...	...	...	...
Bolivia	1998	6.0	6.3	...	...	...	...	...	...	...	...	...
Cameroon	1999	12.7	7.8	...	...	...	...	...	...	...	...	...
Chile	1997	31.0	31.0	...	...	...	...	...	...	...	...	...
China	1999	...	...	...	...	...	...	...	...	...	...	...
China (Hong Kong SAR)	1999	14.8	27.7	...	...	...	...	...	...	...	...	...
China (Macao SAR)	1997	7.5	6.7	...	...	...	...	...	...	...	...	...
China (Taiwan Province)	1999	10.9	10.9	...	...	...	...	...	...	...	...	...
Colombia	1999	8.6	12.6	...	...	...	...	...	...	...	...	...
Costa Rica	1999	...	...	...	...	...	...	...	...	...	...	...
Côte d'Ivoire	1997	8.9	8.9	...	...	...	...	...	...	...	...	...
Cyprus	1999	20.2	23.3	...	...	...	...	...	...	...	...	...
Ecuador	1999	4.9	9.5	...	...	...	...	...	...	...	...	...
El Salvador	1998	...	4.5	...	...	...	...	...	...	...	...	...

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

a/ At current prices.

TABLE 1.11
(cont inued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area		Wood and cork products (331)												
		Value added per employee (current 1000 dollars)		Wages and salaries per employee (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
Ethiopia	1999	3.2	2.2	1.5	0.8	38.2	30.3	43.6	29.0	16.7	20.5	32.7	52.9	35.9
Fiji	1998	7.4	...	4.5	11.1	70.2	...	...	18.1	...	...	11.6	...	...
Guatemala	1998	...	...	...	0.9	...	...	...	...	0.3	3.8	...	...	...
India	1998	1.7	1.3	0.6	0.6	78.9	79.3	85.3	7.8	8.4	6.8	13.3	12.4	7.9
Indonesia	1999	4.2	3.8	0.7	0.7	65.3	64.3	63.4	5.7	7.6	6.7	29.0	28.1	29.9
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	1999	1.9	1.8	0.9	1.2	78.4	66.7	75.1	10.0	17.2	17.1	11.6	16.1	7.8
Kuwait	1998	7.7	11.9	3.8	5.9	43.1	62.3	54.0	28.0	14.4	22.8	28.9	23.3	30.3
Lebanon	1998	...	15.1	...	5.3	...	...	53.2	...	...	16.5	...	...	30.3
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
Mexico	1999	10.9	10.7	3.2	3.4	58.9	65.1	69.3	11.9	11.3	9.7	29.2	22.6	21.1
Morocco	1998	...	9.0	...	4.2	...	75.1	61.8	...	16.1	17.9	...	8.8	20.3
Morocco	1999	...	10.8	...	4.3	...	47.7	48.6	...	18.5	...	...	33.8	...
Oman	1999	6.7	6.0	...	4.4	64.4	...	75.9	21.4	...	17.4	14.3	...	6.7
Panama	1999	...	...	15.8	17.4	...	...	...	...	...	...	...	...	...
Puerto Rico	1999	21.6	42.3	8.5	11.6	64.4	58.4	59.5	14.0	14.3	11.1	21.6	27.3	29.4
Republic of Korea	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
Senegal	1999	21.2	29.1	9.3	14.9	71.8	71.3	69.0	12.5	13.4	15.9	15.8	15.3	15.1
Singapore	1999	9.8	14.8	7.7	10.6	73.6	73.4	68.2	20.8	16.4	22.8	5.7	10.2	9.0
Slovenia	1999	2.3	2.2	0.6	0.5	33.8	22.6	22.5	17.1	12.4	17.8	49.1	64.9	59.7
Sri Lanka	1998	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
Turkey	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
Uruguay	1997	...	5.7	...	1.0	...	61.6	65.1	...	10.8	6.0	...	27.6	28.8
Yugoslavia	1999	...	...	...	...	...	...	...	...	...	...	...	...	...

a/ At current prices.

TABLE 1.11
SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Costs of input materials and utilities		Percentage in output a/									
		LY		LY		LY		LY		LY		LY		LY			
		1990	1999	1990	1999	1990	1995	1990	1995	1990	1995	1990	1995	1990	1995	1990	1995
Industrialized countries b/																	
Australia	1997	29.5	27.6	17.2	17.9	55.5	64.5	26.0	23.0	23.0	23.0	18.5	...	...	...	12.5
Belgium	1997	79.1	...	...	...	67.4	66.4	...	...	...	...	...	...	...	...	...
Canada	1998	34.0	44.1	20.0	20.7	49.1	55.2	29.9	21.0	20.6	20.6	21.0	23.8	23.8	23.2	23.2	
Denmark	1998	31.8	...	24.9	29.2	49.8	...	39.3	...	...	...	10.9	...	...	...	...
Finland	1999	47.2	39.3	23.2	22.0	49.7	60.7	24.7	23.8	21.9	21.9	25.6	19.5	19.5	17.3	17.3	
France	1999	47.6	40.6	28.6	22.5	56.7	53.7	26.0	...	...	...	17.3	...	...	14.0	14.0
Germany	1999	30.7	12.3	12.3
Italy	1998	42.0	42.7	28.0	16.9	70.0	65.3	20.0	22.7	22.3	22.3	10.0	17.1	17.1
Japan	1999	52.0	66.9	21.6	35.8	55.5	57.3	18.5	10.3	23.3	23.3	26.0	32.4	32.4	20.2	20.2	
Norway	1999	34.7	42.2	24.0	28.3	65.4	64.7	24.0	22.6	23.3	23.3	10.7	12.6	12.6	11.5	11.5	
Portugal	1998	6.1	11.9	...	5.5	66.2	65.8	17.6	17.6
Spain	1999	26.9	25.2	12.9	14.1	59.0	64.2	19.6	21.1	19.0	19.0	21.4	14.7	14.7	15.0	15.0	
United Kingdom	1999	39.7	...	20.3	...	53.2	63.8	24.0	22.8	24.0	24.0	22.8	13.4	13.4	16.1	16.1	
United States of America	1999	38.6	66.2	18.6	27.6	49.0	47.8	24.6	22.5	21.8	21.8	26.4	26.0	26.0	30.4	30.4	
Countries of eastern Europe and the former USSR																	
Bulgaria	1998	0.8	13.9	13.8	16.0	16.0	12.1	12.1
Czech Republic	1998	...	6.7	2.0	3.4	...	75.2	24.2	24.2
Latvia	1999	...	5.6	...	2.3	...	59.3
Lithuania	1999	55.8
Russian Federation	1998	...	3.6	...	2.4	...	63.2
Slovakia	1998	...	4.6	...	0.9	...	59.7	30.3	30.3
Ukraine	1999	...	...	1.7	0.3	...	73.6	20.0	14.2	13.7	13.7	...	...	...	10.9	10.9
Developing countries																	
Bangladesh	1997	...	1.5	...	0.6	...	61.1	23.1	23.1
Bolivia	1998	2.8	4.6	1.1	1.7	...	66.9	12.6	12.6	13.6	13.6	20.6	21.1	21.1	23.1	23.1	
Cameroon	1999	12.5	3.7	6.6	2.3	65.0	67.9	18.4	31.7	20.1	20.1	16.6	11.4	11.4	12.0	12.0	
Chile	1997	10.6	22.8	3.1	7.7	50.1	54.5	14.5	16.5	16.1	16.1	35.4	29.0	29.0	31.3	31.3	
China	1999	73.3	75.0
China (Hong Kong SAR)	1999	15.4	26.1	10.2	17.4	61.1	64.6	25.6	23.7	32.1	32.1	13.3	11.7	11.7	16.1	16.1	
China (Macao SAR)	1997	7.0	14.2	4.5	6.7	52.3	57.3	30.5	26.9	22.5	22.5	17.1	15.8	15.8	25.2	25.2	
China (Taiwan Province)	1997	22.6	...	8.9	12.6	34.9	72.0
Colombia	1999	4.3	7.6	1.4	2.5	54.8	49.2	14.6	17.3	16.7	16.7	30.7	33.4	33.4	33.1	33.1	
Costa Rica	1999	1.7	2.9	68.7	64.6
Côte d'Ivoire	1997	...	6.2	...	4.8	...	50.4
Cyprus	1999	15.4	23.0	8.4	10.8	54.4	55.2	24.7	28.9	23.8	23.8	20.9	15.9	15.9	26.7	26.7	
Ecuador	1999	3.0	7.4	2.1	1.1	67.1	69.7	22.7	10.3	4.3	4.3	10.2	20.0	20.0	25.8	25.8	

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

Country or area		Furniture, fixtures excl. metallic (332)																
		Latest year		Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Costs of input materials and utilities			Costs of labour			Operating surplus				
		(LY)	1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
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	3.5	10.3	1.6	3.3	43.8	74.6	57.3	25.7	17.0	13.6	30.5	8.4	29.1				
Ethiopia	1999	3.2	1.8	2.2	0.7	71.3	47.8	50.7	19.8	18.5	18.3	8.9	33.7	31.0				
Fiji	1998	1.2	...	...	...	...	...	...	...	...	...	...	...	...
Guatemala	1998	1.2	2.5	0.9	1.1	73.9	80.0	78.0	18.9	12.4	13.3	7.2	7.6	8.7				
India	1998	1.5	2.0	0.5	0.6	62.7	64.9	59.4	13.0	13.9	12.4	24.3	21.2	28.2				
Indonesia	1999	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				
Jordan	1997	2.8	2.1	1.4	1.9	70.0	58.5	46.8	14.7	29.8	46.5	15.4	11.7	6.7				
Kenya	1999	8.3	13.6	4.3	6.2	46.5	49.6	55.9	27.8	21.7	21.2	25.7	28.7	22.9				
Kuwait	1998	...	20.7	...	6.2	...	...	48.7	...	...	15.3	...	...	35.9				
Lebanon	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				
Malaysia	1997	3.1	4.5	2.3	3.0	73.6	59.0	59.3	20.0	27.3	27.6	6.5	13.7	13.1				
Mauritius	1999	9.4	12.1	3.4	3.9	61.3	60.2	61.3	13.8	14.5	12.3	24.9	25.3	26.4				
Mexico	1998	...	8.9	...	5.8	...	68.5	60.6	...	25.5	25.6	...	6.0	13.8				
Morocco	1999	...	12.5	...	4.0	...	55.3	41.9	...	17.3	...	...	27.4	...				
Oman	1999	...	...	...	8.9	...	...	...	...	...	...	...	...	...
Puerto Rico	1999	23.0	36.3	8.3	10.9	52.2	50.1	58.8	17.2	16.5	12.3	30.7	33.4	28.9				
Republic of Korea	1999	...	...	...	...	...	66.3	66.7	...	10.5	6.3	...	23.2	27.0				
Saint Lucia	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				
Senegal	1999	13.7	23.5	8.4	14.1	68.6	65.9	62.8	19.2	19.7	22.2	12.1	14.4	14.9				
Singapore	1999	0.4	0.8	0.2	0.3	52.3	54.8	49.9	23.1	17.7	20.9	24.6	27.5	29.3				
Sri Lanka	1998	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				
Turkey	1997	0.3	0.4	0.1	0.3	72.3	75.5	75.5	8.8	15.7	17.0	19.0	8.8	7.5				
United Republic of Tanzania	1999	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				
Uruguay	1997	5.3	4.6	2.3	1.8	60.7	65.5	70.9	17.0	10.0	11.7	22.3	24.5	17.4				
Venezuela	1997	...	...	...	...	...	56.2	56.4	...	12.2	8.0	...	...	...	
Yugoslavia	1999	...	5.1	...	0.9	...	...	...	...	...	...	...	31.6	35.6				

a/ At current prices.

TABLE 1.11
SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year (LY)	Paper (341)																	
		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	LY	1995	1990	LY	1995	1990	LY	1995	1990	LY	1995	1990	LY	1990	LY	1990	LY
Industrialized countries b/																			
Belgium	1997	58.2	...	73.8	74.0	74.0	10.7	...	12.8	...	15.5	...	...	...	...	...	15.5	...
Canada	1998	76.8	91.6	58.3	74.0	57.5	18.9	...	12.8	...	22.7	...	...	...	...	...	22.7	...
Denmark	1998	57.3	...	53.8	53.6	53.6	26.0	...	8.8	...	20.2	...	...	...	...	...	20.2	...
Finland	1999	81.2	122.0	35.0	67.1	68.4	13.3	...	8.8	...	17.6	...	...	...	...	...	17.6	...
France	1999	63.5	57.4	35.4	28.1	71.7	19.0	...	...	...	15.1	...	...	...	...	...	15.1	...
Germany	1999	...	63.7	34.6	66.3	66.3	17.6	...	16.5	...	12.4	...	...	...	...	...	12.4	...
Italy	1998	62.7	...	36.8	70.2	70.2	12.2	...	9.7	...	26.8	...	...	...	...	...	26.8	...
Japan	1999	86.7	103.0	27.2	61.0	62.1	11.9	...	11.4	...	14.7	...	...	...	...	...	14.7	...
Norway	1999	66.6	78.0	29.8	73.5	67.4	12.6	...	...	...	18.5	...	...	...	...	...	18.5	...
Portugal	1998	31.2	42.6	...	69.5	65.4	12.6	...	10.9	...	17.7	...	...	...	...	...	17.7	...
Spain	1999	50.9	54.0	21.2	70.3	68.6	18.8	...	15.6	...	24.3	...	...	...	...	...	24.3	...
Switzerland	1997	61.6	...	...	67.6	66.1	14.4	...	12.8	...	31.1	...	...	...	...	...	31.1	...
United Kingdom	1999	54.0	...	23.5	54.0	66.4	18.8	...	15.6	...	16.4	...	...	...	...	...	16.4	...
United States of America	1999	96.9	133.5	30.6	40.7	53.7	14.4	...	12.8	...	33.5	...	...	...	...	...	33.5	...
Countries of eastern Europe and the former USSR																			
Bulgaria	1998	...	14.1	2.2	...	...	8.6	...	8.0	...	...	...	...	...	...	...	...	...
Czech Republic	1998	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Latvia	1998	...	3.5	...	75.3	65.0	...	...	...	...	...	...	...	...	...	...	...	...
Lithuania	1999	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Russian Federation	1998	...	5.0	...	60.0	60.6	...	...	7.6	...	...	...	...	...	...	...	...	...
Slovakia	1998	...	15.7	...	71.1	71.1	...	...	...	...	...	...	...	...	...	...	...	...
Ukraine	1999	...	...	1.6	0.7	...	9.6	...	6.3	...	...	...	...	...	...	...	...	...
Developing countries																			
Bangladesh	1997	...	2.4	...	67.1	75.9	...	...	3.6	...	...	...	...	...	...	...	...	...
Bolivia	1998	5.1	8.4	1.4	4.3	79.6	5.7	...	7.1	...	...	...	...	...	...	...	...	...
Cameroon	1999	16.7	17.8	7.1	4.6	73.5	11.3	...	9.0	...	...	...	...	...	...	...	...	...
Chile	1997	62.2	97.9	6.3	14.7	50.2	5.0	...	5.4	...	...	...	...	...	...	...	...	...
China	1999	...	...	...	...	76.0	...	...	...	...	...	...	...	...	...	...	...	...
China (Hong Kong SAR)	1999	19.0	35.1	10.4	22.2	74.8	13.7	...	13.3	...	...	...	...	...	...	...	...	...
China (Macao SAR)	1997	6.9	9.9	4.0	6.1	69.5	17.9	...	14.9	...	...	...	...	...	...	...	...	...
China (Taiwan Province)	1997	23.1	...	10.5	14.6	70.8	13.3	...	14.1	...	...	...	...	...	...	...	...	...
Colombia	1999	25.5	36.4	3.2	6.4	64.2	4.6	...	6.0	...	...	...	...	...	...	...	...	...
Costa Rica	1999	...	...	4.2	7.6	64.7	...	...	...	...	...	...	...	...	...	...	...	...
Côte d'Ivoire	1997	...	41.4	...	9.9	75.0	...	...	7.7	...	...	...	...	...	...	...	...	...
Cyprus	1999	21.6	26.1	9.6	14.1	73.5	11.8	...	16.4	...	...	...	...	...	...	...	...	...
Ecuador	1999	8.6	17.6	3.1	2.5	84.9	5.4	...	3.4	...	...	...	...	...	...	...	...	...

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

Country or area	Latest year (LY)	Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Costs of input materials and utilities		Percentage in output a/									
		1990		1995		1990		1995		1990		1995		1990		1995	
		LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY
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	2.4	18.9	1.8	4.7	83.2	55.6	65.2	12.6	4.4	8.7	4.1	40.0	26.2			
Ethiopia	1999	22.1	2.7	5.2	16.2	67.5	63.1	66.6	7.6	9.7	11.1	24.9	27.2	22.3			
Fiji	1998	4.0	2.8	1.4	1.0	80.2	77.8	84.5	6.8	0.3	1.1	13.0	16.0	8.4			
Guatemala	1998	11.0	8.1	1.0	1.0	64.6	68.0	63.5	3.1	6.2	7.1	32.3	25.4	31.9			
India	1999	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			
Indonesia	1997	5.9	5.7	1.8	2.5	73.9	82.7	70.5	8.0	6.2	13.2	18.1	11.1	16.4			
Jordan	1999	33.5	29.3	4.6	9.1	50.7	64.6	61.4	6.7	10.0	12.0	42.6	25.4	26.6			
Kenya	1998	11.5	17.3	3.3	5.4	67.9	68.0	66.7	9.3	8.8	10.5	22.8	23.1	22.8			
Lebanon	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			
Malaysia	1999	21.3	37.9	5.1	6.3	68.8	66.8	63.6	7.4	5.0	6.1	23.8	28.2	30.3			
Mauritius	1998	...	15.5	...	5.0	...	67.1	70.3	...	...	9.6	...	23.7	20.1	
Mexico	1999	...	22.2	...	6.2	...	65.8	54.7	...	11.5	10.3	...	22.7	...			
Morocco	1999	45.4	8.7	9.1	4.5	54.7	...	80.0	9.1	13.9	15.5	36.2	9.7	9.7			
Panama	1999	...	71.5	23.5	24.9	75.5	72.7	69.7	15.0	13.9	15.5	9.6	13.3	14.8			
Puerto Rico	1999	35.5	...	9.7	13.8	66.1	62.0	61.0	9.3	9.1	7.5	24.7	28.9	31.4			
Republic of Korea	1997	19.3	7.5	7.2	2.5	73.1	77.8	76.2	12.4	12.4	21.6	...	...	...
Saint Lucia	1999	41.1	49.8	11.8	18.6	58.0	79.3	78.3	10.0	7.3	7.2	16.9	13.4	14.5			
Senegal	1999	4.5	5.0	0.9	1.0	36.8	55.7	55.0	13.2	15.9	18.0	29.9	28.6	30.2			
Singapore	1998	25.9	25.5	7.8	9.1	58.6	62.7	63.8	12.5	7.8	12.9	28.9	29.6	35.6			
Sri Lanka	1997	1.1	3.7	0.4	0.4	81.9	62.0	62.0	5.9	4.0	4.4	12.2	34.0	33.7			
Turkey	1999	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			
United Republic of Tanzania	1997	20.8	10.9	5.4	2.5	62.5	65.4	77.5	9.7	3.4	5.1	27.8	31.2	17.4			
Uruguay	1999	...	12.7	...	1.5	...	59.1	58.3	...	6.6	4.9	...	34.3	36.9			
Venezuela	1997	...	...	...	...	...	...	...	...	...	...	...	...	...
Yugostavia	1999	...	...	...	...	...	...	...	...	...	...	...	...	...

a/ At current prices.

TABLE 1.11
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)			Costs of input materials and utilities			Percentage in output a/			
		1990	LY	1990	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY
		1990	LY	1990	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY
Industrialized countries b/														
Belgium	1987	47.9	...	24.2	...	58.4	...	58.4	...	21.0	...	20.6	...	
Canada	1998	54.0	42.5	28.3	23.5	37.8	58.4	46.7	48.8	32.6	29.1	29.7	22.9	
Denmark	1998	28.8	...	26.0	29.0	35.0	...	35.0	...	58.6	...	6.4	...	
Finland	1999	55.9	53.8	31.3	28.8	55.6	60.4	60.4	60.3	24.9	21.6	19.5	18.5	
France	1999	53.5	63.6	36.7	33.2	58.5	64.1	56.6	64.1	28.5	18.7	13.0	17.2	
Germany	1999	...	59.2	...	32.3	...	59.1	...	59.1	29.2	25.2	...	18.6	
Italy	1998	74.6	60.5	47.6	25.5	54.3	...	...	66.7	29.2	14.0	16.6	19.2
Japan	1999	82.5	114.9	31.8	48.0	47.4	48.4	48.0	48.0	20.3	14.1	32.3	30.3	
Norway	1999	42.6	49.1	27.7	31.5	56.7	55.3	58.9	58.9	28.2	28.1	15.1	14.7	
Portugal	1998	15.5	27.2	...	10.8	62.0	59.0	59.0	60.2	18.2	18.8	27.3	24.0	
Spain	1999	52.7	46.6	21.1	22.5	54.5	61.9	52.1	53.2	...	...	...	...
Switzerland	1997	51.8	...	...	...	55.0	52.1	53.2	53.2	...	...	...	...
United Kingdom	1999	64.3	...	27.0	...	38.4	54.0	54.0	50.7	25.9	23.7	35.7	26.3	
Countries of eastern Europe and the former USSR														
Albania	1997	...	...	...	0.7	...	...	...	...	11.6	8.2	...	...
Bulgaria	1998	...	...	2.1	4.2	...	...	...	...	...	...	...	...
Czech Republic	1999	...	11.7	...	3.5	...	67.6	...	...	...	...	...	20.6
Latvia	1999	...	14.7	...	...	...	57.2	...	...	...	...	...	32.8
Lithuania	1999	...	4.1	...	...	...	...	...	...	...	...	...	...
Russian Federation	1998	...	3.7	...	1.5	...	...	42.5	42.2	...	20.6	...	36.8
Slovakia	1998	...	10.8	...	4.7	...	...	...	70.0	...	...	...	16.8
Ukraine	1999	...	...	...	0.7	...	...	...	...	...	19.5	...	...
Developing countries														
Bangladesh	1997	...	4.1	...	1.3	...	48.7	51.5	51.5	...	12.3	...	33.3	
Bolivia	1998	6.0	7.8	1.9	3.2	68.3	66.2	66.2	66.5	10.3	9.4	21.5	24.4	
Cameroon	1999	26.3	11.4	...	3.8	...	49.0	42.2	42.2	...	21.2	...	38.6	
Chile	1997	...	56.8	6.7	16.6	43.7	34.7	33.8	33.8	14.3	17.3	42.0	46.8	
China	1999	...	...	...	...	71.4	70.1	65.8	65.8	...	...	...	...
China (Hong Kong SAR)	1999	24.5	42.2	11.4	27.0	57.7	62.6	58.9	58.9	19.7	25.5	22.5	14.9	
China (Macao SAR)	1997	7.0	10.4	4.9	9.9	53.8	55.9	...	...	32.4	30.2	13.8	13.9
China (Taiwan Province)	1997	14.8	...	11.1	16.8	72.4	...	...	...	20.7	...	7.0	...
Colombia	1999	9.7	21.5	2.2	4.8	54.5	47.5	45.2	45.2	10.1	13.0	35.4	42.7	
Costa Rica	1999	...	...	3.3	5.2	65.7	50.7	50.6	50.6	...	...	...	...
Cote d'Ivoire	1997	20.1	16.9	11.0	8.2	57.7	63.1	58.3	58.3	...	17.7	...	19.2	
Cyprus	1999	...	27.9	...	15.2	57.7	56.2	52.1	52.1	23.2	28.1	19.1	21.8	
Ecuador	1999	6.4	5.9	2.9	1.9	69.2	70.1	75.4	75.4	13.9	7.7	16.9	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

Country or area	Latest year (LY)	Printing and publishing (342)						Percentage in output a/					
		Value added per employee (current 1000 dollars)		Wages and salaries per employee (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
Egypt	1997	5.3	6.1	2.6	3.8	70.8	69.2	70.2	14.5	13.8	18.8	17.0	11.0
El Salvador	1996	..	15.8	..	4.6	..	..	40.7	..	..	17.2	..	42.0
Ethiopia	1995	5.9	3.2	1.8	0.9	38.3	..	40.7	19.2	19.8	15.2	..	37.7
Fiji	1998	7.4	..	3.9	6.3	65.3	..	..	18.5	..	..	..	..
Guatemala	1998	..	..	..	1.2	..	..	..	..	1.1	2.2	..	..
India	1998	2.4	3.7	1.6	1.5	74.2	72.6	75.2	17.1	12.8	10.2	14.6	14.6
Indonesia	1997	3.4	7.1	1.0	1.7	69.7	58.9	56.7	8.9	10.0	10.1	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	29.0	23.7
Kenya	1999	4.5	3.6	2.3	2.5	64.4	61.9	73.9	17.8	21.1	18.3	17.0	7.8
Lebanon	1998	..	24.2	..	6.1	..	..	48.8	..	..	13.0	..	38.3
Malaysia	1997	12.0	25.4	4.4	8.1	52.0	52.0	47.4	17.5	16.3	16.7	31.6	35.9
Mauritius	1997	7.5	12.5	3.4	6.6	53.6	54.5	55.0	20.9	23.7	23.7	21.9	21.3
Mexico	1999	15.2	27.6	4.9	7.6	55.9	46.1	46.3	14.2	14.6	14.8	39.3	38.9
Morocco	1998	..	8.9	..	4.8	..	59.4	63.8	..	20.5	19.4	20.1	16.7
Oman	1999	..	13.5	..	6.2	..	45.9	41.6	..	19.3	..	34.8	..
Panama	1999	17.2	13.9	5.8	5.8	48.0	..	64.3	17.5	..	14.9	..	20.8
Puerto Rico	1999	..	..	26.1	45.5	58.0	56.0	62.3	12.7	22.7	21.9	21.3	15.9
Republic of Korea	1999	35.5	54.0	11.3	12.9	40.2	39.9	39.2	19.0	18.3	14.5	41.9	46.3
Saint Lucia	1997	..	..	..	..	..	..	..	..	..	..	..	..
Saint Lucia	1997	..	..	..	..	..	..	..	..	..	..	..	..
Senegal	1997	13.1	10.4	6.4	3.2	68.2	64.3	63.3	15.7	13.5	11.2	22.2	25.4
Singapore	1999	32.6	55.6	13.2	21.1	46.5	39.6	39.2	21.7	24.5	23.0	31.8	37.7
Sri Lanka	1998	2.3	2.0	0.5	1.7	62.3	57.6	61.0	9.0	21.5	33.4	28.8	5.6
Turkey	1997	31.9	56.1	7.3	7.6	49.2	72.7	65.6	11.6	6.3	4.6	39.1	29.8
United Republic of Tanzania	1999	1.6	5.7	0.3	0.4	73.0	43.4	76.2	5.6	3.8	1.7	21.4	22.1
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
Venezuela	1997	9.9	17.7	4.0	3.2	62.9	51.8	54.7	15.1	6.6	8.1	21.9	37.2
Yugoslavia	1999	..	9.7	..	1.3	..	51.3	54.0	..	9.1	6.3	39.6	39.7

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	1990	LY	1990	1995	LY	1990	1995	LY	1990	LY
Industrialized countries b/													
Belgium	1997	145.7	114.2	40.2	67.0	68.7	68.8	10.4	8.3	8.0	27.2	36.8	29.4
Canada	1998	104.4	104.4	34.6	62.4	54.9	62.6	16.9	8.3	8.0	34.0	36.8	29.4
Denmark	1998	91.9	100.3	44.7	49.1	54.9	62.6	17.4	8.3	8.0	18.4	36.8	29.4
France	1998	68.2	81.3	42.3	73.0	68.5	72.7	16.8	8.3	8.0	10.2	36.8	29.4
Italy	1998	212.7	259.8	38.9	54.5	55.8	58.8	8.3	8.4	9.3	37.2	35.8	31.9
Japan	1999	98.1	108.0	36.7	67.9	70.5	70.5	12.0	9.6	11.9	20.1	19.3	18.1
Norway	1999	83.1	85.4	26.6	70.5	71.1	70.5	9.5	9.6	10.5	20.0	19.3	18.9
Spain	1999	182.8	250.8	38.0	53.8	52.6	53.7	9.6	8.8	9.2	36.6	38.7	37.0
United States of America	1999	182.8	250.8	38.0	53.8	52.6	53.7	9.6	8.8	9.2	36.6	38.7	37.0
Countries of eastern Europe and the former USSR													
Albania	1997	...	...	...	...	...	...	...	...	...	...	...	...
Bulgaria	1998	...	...	...	...	...	...	...	...	...	...	...	...
Czech Republic	1998	...	19.3	2.5	...	...	...	10.9	7.5	11.4	...	...	19.8
Lithuania	1999	...	...	...	...	...	...	...	...	...	...	...	...
Russian Federation	1998	...	3.9	...	...	69.1	68.8	...	...	...	...	23.9	18.9
Slovakia	1998	...	9.5	...	...	...	77.0	...	...	9.1	...	...	14.0
Ukraine	1999	...	...	1.8	...	...	...	10.4	5.8	8.4	...	...	...
Developing countries													
Bangladesh	1997	...	11.3	...	...	50.3	47.6	...	5.0	4.2	...	44.6	48.2
Bolivia	1998	6.9	21.6	1.9	57.2	62.2	48.6	11.7	10.4	10.4	31.1	27.4	41.0
Chile	1997	68.2	126.6	8.4	46.7	53.7	46.3	6.6	6.9	6.2	46.7	39.3	47.5
China (Taiwan Province)	1997	53.8	...	14.7	72.8	72.4	72.4	7.4	5.8	...	19.8	21.8	...
Colombia	1999	31.2	64.0	4.1	67.2	59.2	58.5	4.3	4.9	5.1	28.5	35.9	36.4
Costa Rica	1999	...	...	4.1	75.8	60.1	60.5	...	...	...	...	...	...
Côte d'Ivoire	1997	...	18.3	...	...	81.1	78.1	...	6.9	7.0	...	12.0	14.8
Cyprus	1999	33.9	33.2	11.1	64.9	66.0	64.3	11.5	12.3	17.1	23.6	21.8	18.7
Ecuador	1999	10.1	15.8	4.4	73.3	71.5	85.0	11.6	5.1	3.4	15.1	23.4	11.6
Egypt	1997	6.7	9.5	2.9	69.5	59.9	58.1	13.2	14.7	15.8	17.3	25.5	26.1
El Salvador	1998	...	18.1	...	...	41.2	64.7	...	19.3	9.5	...	39.5	25.8
Ethiopia	1999	5.6	2.1	1.8	32.8	30.3	42.1	21.9	20.5	21.6	45.3	49.2	36.3
Guatemala	1998	...	...	...	...	...	...	...	1.0	1.5	...	...	...
India	1998	8.2	17.1	2.6	83.2	70.6	72.6	5.2	4.4	3.8	11.6	25.0	23.6
Indonesia	1999	13.7	18.5	1.7	69.9	62.6	65.1	3.7	6.7	4.7	26.3	30.6	30.2
Jordan	1997	30.0	22.5	5.2	77.4	85.6	81.3	3.9	2.7	4.9	18.7	11.7	13.8
Kenya	1999	4.9	6.4	1.9	89.5	91.8	64.2	4.1	3.8	20.4	6.4	4.4	15.5
Kuwait	1998	38.3	56.3	30.2	53.2	21.3	49.9	36.9	22.6	33.0	9.9	56.1	17.1

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

a/ At current prices.

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)			Costs of input materials and utilities			Costs of labour			Operating surplus		
		Percentage in output a/			Percentage in output a/			Percentage in output a/			Percentage in output a/			Percentage in output a/		
		1990	LY	1995	1990	LY	1995	1990	LY	1995	1990	LY	1995	1990	LY	1995	LY
Lebanon	1998	...	66.6	...	6.4	...	52.2	...	5.6	...	4.6	...	...	...	...	43.2
Malawi	1998	7.4	26.3	1.9	3.8	78.0	63.8	...	5.6	...	4.6	...	...	...	...	31.0
Malaysia	1997	...	...	7.2	11.6	58.4	68.4	...	3.9	...	5.3	...	...	...	...	28.7
Mauritius	1997	21.4	27.7	4.0	7.3	65.9	66.4	...	6.3	...	2.9	...	...	...	...	41.1
Mexico	1999	36.5	53.1	6.6	10.7	58.7	62.3	...	7.4	...	14.6	...	...	...	...	28.6
Morocco	1996	...	39.5	...	10.6	...	69.0	...	...	...	7.2	...	...	...	...	24.9
Oman	1999	...	19.8	...	6.3	...	34.5	...	...	...	9.2	...	...	...	...	...
Panama	1999	39.8	45.0	7.3	10.9	65.2	46.3	...	6.4	...	13.1	...	...	...	...	40.7
Puerto Rico	1999	...	...	...	...	66.3	61.6	...	...	...	...	...	...	...	...	...
Republic of Korea	1999	80.0	153.9	13.8	20.7	66.9	63.4	...	5.7	...	4.9	...	...	...	...	31.6
Saint Lucia	1997	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Senegal	1997	8.9	21.5	8.0	5.0	90.1	71.6	...	8.8	...	12.5	...	...	...	...	25.0
Singapore	1999	22.7	34.1	22.7	34.1	66.4	64.9	...	6.2	...	7.1	...	...	...	...	23.5
Sri Lanka	1998	9.9	7.2	0.9	1.7	51.4	70.3	...	4.5	...	7.7	...	...	...	...	24.3
Tunisia	1999	...	...	...	...	...	86.2	...	4.5	...	6.4	...	...	...	...	20.8
Turkey	1997	45.6	69.4	10.5	13.1	61.1	84.9	...	...	...	3.9	...	...	...	...	11.2
United Republic of Tanzania	1999	6.2	6.4	0.7	0.6	59.7	57.4	...	9.0	...	8.0	...	...	...	...	34.6
Uruguay	1997	39.1	47.0	5.8	16.6	63.4	54.3	...	4.7	...	2.9	...	...	...	...	29.7
Venezuela	1997	36.0	82.6	6.0	7.3	57.4	60.1	...	5.5	...	12.6	...	...	...	...	23.0
Yugoslavia	1999	...	6.0	...	1.1	...	64.0	...	7.1	...	3.5	...	...	...	...	36.4
		...	...	...	...	...	...	...	...	...	6.3	...	...	...	...	28.7

a/ At current prices.

TABLE 1.11

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)		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	92.0	82.5	29.5	27.8	63.9	64.5	64.8	17.2	14.7	14.4	36.5	35.3	28.2
Canada	1998	87.3	...	36.0	45.7	46.3	50.0	57.4	24.3	...	...	34.6	...	...
Denmark	1998	68.6	72.2	29.5	28.8	54.5	56.7	58.4	19.6	18.8	16.6	25.9	24.5	25.0
Finland	1999	67.4	89.1	40.9	37.4	64.3	64.5	69.2	21.6	...	12.9	14.1	...	17.9
France	1999	75.4	...	42.8	...	...	...	...	...	18.5	20.4	...	...	15.5
Germany	1999	81.0	...	32.2	...	68.7	...	72.0	17.6	...	11.1	13.7	...	16.8
Italy	1999	210.6	277.8	35.0	51.5	41.1	43.4	44.0	9.8	9.0	10.4	49.1	47.6	45.6
Japan	1999	71.6	84.8	31.3	41.1	61.7	58.9	69.1	16.7	16.4	15.0	21.5	24.6	15.9
Norway	1998	20.2	40.7	15.0	15.0	74.4	71.2	66.7	...	...	12.2	...	...	21.0
Portugal	1999	67.8	64.2	25.4	29.3	62.0	67.1	67.6	14.2	16.0	14.8	23.7	16.9	17.6
Spain	1999	87.1	...	26.2	...	45.9	63.7	59.0	16.3	15.6	17.4	37.8	20.8	23.6
United Kingdom	1999	168.6	262.0	32.4	45.9	39.0	38.3	37.9	11.7	11.1	10.9	49.3	50.6	51.2
United States of America	1999	...	...	...	...	...	...	...	...	...	...	...	...	...
Countries of eastern Europe and the former USSR														
Bulgaria	1997	...	15.9	2.2	1.2	...	...	...	8.3	9.4	7.8	...	...	17.3
Czech Republic	1998	...	7.4	...	3.3	...	...	...	...	...	7.9	...	...	22.0
Latvia	1999	...	...	...	3.0	...	54.2	60.4	...	...	26.2	...	...	...
Lithuania	1999	...	7.2	...	1.7	...	54.4	49.5	...	...	11.9	...	37.1	38.6
Russian Federation	1998	...	13.0	...	4.1	...	...	70.9	...	...	9.2	...	...	19.9
Slovakia	1999	...	...	1.8	0.8	...	...	...	8.4	6.6	7.7	...	...	...
Ukraine	1999	...	...	...	...	...	...	...	...	...	...	...	...	...
Developing countries														
Bangladesh	1997	9.9	9.7	2.6	1.3	...	54.0	57.1	...	5.5	5.9	...	40.5	37.0
Bolivia	1998	30.0	16.3	12.2	4.6	60.2	59.8	50.5	10.4	9.6	9.3	29.4	30.6	40.1
Cameroon	1999	37.3	69.6	7.7	16.0	...	68.1	64.6	...	11.7	10.1	...	20.2	25.3
Chile	1997	18.5	19.3	5.0	10.0	46.4	43.1	43.5	11.1	12.4	13.0	42.5	44.5	43.5
China (Macao SAR)	1997	19.6	...	10.4	15.7	50.4	71.5	74.3	13.3	13.2	13.3	36.3	15.3	12.4
China (Taiwan Province)	1997	22.9	46.4	3.1	6.6	56.9	44.1	44.3	15.2	15.5	...	13.4	7.5	...
Colombia	1999	...	...	4.1	7.3	70.3	62.7	60.9	...	8.8	7.9	37.2	47.1	47.8
Costa Rica	1999	...	18.3	...	...	...	75.1	75.6	...	11.2	10.7	...	13.7	13.8
Côte d'Ivoire	1997	21.3	34.7	9.2	14.5	72.9	69.3	64.0	11.7	16.5	15.1	15.4	14.2	21.0
Cyprus	1999	11.7	10.3	4.0	2.3	68.2	78.0	78.8	10.8	7.5	4.8	21.0	14.5	16.4
Ecuador	1999	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
Egypt	1997	...	26.0	...	5.7	...	65.4	53.4	...	7.5	10.3	...	27.1	36.3
El Salvador	1998	8.0	5.5	2.0	0.8	64.5	69.2	66.1	8.9	4.5	5.1	26.7	26.3	28.8
Ethiopia	1999	...	...	...	...	...	...	...	...	...	...	...	...	...

a/ At current prices.

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

TABLE 1.11
(continued)

Country or area	Latest year (LY)	Other chemicals (352)						Percentage in output a/					
		Value added per employee (current 1000 dollars)		Wages and salaries per employee (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
Fiji	1998	14.8	...	4.9	9.2	74.8	...	8.3	...	16.9	...	...	...
Guatemala	1998	...	...	...	2.1	...	...	...	...	...	...	...	...
India	1998	5.1	6.1	1.7	1.5	79.5	77.8	6.7	0.9	13.8	...	15.3	17.0
Indonesia	1999	6.3	10.0	1.3	1.9	68.0	70.0	6.5	8.0	25.6	...	22.0	36.1
Jordan	1997	12.7	16.0	3.6	4.2	73.8	75.5	7.4	10.1	18.8	...	14.5	23.2
Kenya	1999	7.8	5.0	3.0	3.0	92.6	94.0	2.8	2.6	4.6	...	3.4	1.9
Kuwait	1998	23.1	27.9	7.0	11.1	58.3	61.4	12.7	11.3	29.0	...	27.3	24.5
Lebanon	1998	...	41.1	...	6.5	...	59.4	...	...	...	...	...	41.6
Malawi	1998	13.4	5.2	4.4	2.4	75.0	72.8	8.1	7.0	16.9	...	20.2	9.2
Malaysia	1997	18.8	28.0	4.7	7.3	65.1	64.6	8.6	8.2	26.3	...	27.2	25.3
Mauritius	1997	9.6	15.8	2.8	4.8	74.3	59.1	7.6	11.4	18.1	...	29.5	28.1
Mexico	1999	30.6	56.6	7.2	11.7	56.8	54.7	10.2	10.0	33.0	...	35.3	35.1
Morocco	1998	...	13.5	...	5.9	...	70.4	...	14.3	...	...	15.3	17.5
Oman	1999	...	45.2	...	7.7	...	65.0	...	5.4	...	...	29.6	...
Panama	1999	24.8	18.1	7.0	8.3	55.7	...	12.4	...	31.8	...	...	12.6
Puerto Rico	1999	...	...	...	...	42.1	41.2	...	...	...	...	...	...
Republic of Korea	1999	64.8	90.4	10.7	14.8	47.7	38.4	8.6	9.6	43.6	...	43.2	42.8
Saint Lucia	1997	...	...	...	...	76.4	78.2	...	...	...	...	...	...
Senegal	1997	14.7	10.1	4.9	3.1	69.5	71.1	10.2	6.5	20.4	...	22.4	18.1
Singapore	1999	...	...	16.6	37.6	38.6	49.4	8.8	9.3	52.6	...	41.3	50.9
Sri Lanka	1998	8.0	16.6	1.3	1.5	50.4	42.2	8.0	5.1	41.6	...	45.5	52.5
Tanzania	1999	...	...	...	...	68.9	69.9	9.8	9.3	21.2	...	20.8	22.2
Tunisia	1999	...	...	...	...	67.7	67.7	8.7	6.9	34.9	...	39.0	38.5
Turkey	1997	52.7	72.5	10.5	13.0	56.4	54.1	8.7	8.4	...	...	...	...
United Republic of Tanzania	1999	1.1	1.1	0.4	0.3	92.3	93.8	2.6	1.5	5.1	...	4.8	4.7
Uruguay	1997	23.6	45.0	6.1	16.4	53.5	44.8	12.0	12.7	34.5	...	42.5	30.0
Venezuela	1997	23.6	28.2	5.8	3.7	48.3	55.0	12.7	5.6	39.0	...	39.4	34.4
Yugoslavia	1999	...	17.4	...	3.2	...	62.8	...	4.5	...	...	32.8	35.6

a/ At current prices.

TABLE 1.11
SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year (LY)	Rubber products (355)						Percentage in output a/					
		Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Costs of input materials and utilities		Costs of labour		Operating surplus			
		1990	LY	1990	LY	1990	LY	1990	LY	1990	LY		
Industrialized countries b/													
Australia	1997	60.6	52.8	23.4	30.2	47.0	62.8	20.5	20.5	32.5	15.9		
Belgium	1997	59.1	...	25.7	...	63.8	62.2	15.7	15.7	20.5	...		
Canada	1998	55.9	67.0	28.6	28.6	57.1	68.7	22.1	13.0	20.8	18.4		
Denmark	1998	41.9	...	28.6	36.7	42.7	...	39.0	...	18.3	...		
Finland	1999	51.2	63.6	25.7	30.0	52.1	7.8	24.1	45.5	23.8	24.9		
France	1999	35.5	52.0	26.6	26.6	51.8	54.8	36.1	...	12.1	18.9		
Germany	1999	...	58.5	...	35.9	...	...	...	23.2	...	16.4
Italy	1998	48.2	51.4	35.6	23.8	61.4	...	28.5	...	10.0	18.5		
Japan	1999	75.0	101.3	28.0	41.4	51.1	53.4	18.2	16.0	30.7	27.4		
Norway	1999	48.2	52.4	28.2	31.1	58.1	57.5	24.5	26.3	17.3	17.4		
Portugal	1998	8.2	31.3	10.3	10.3	78.3	67.0	13.8	...	...	28.0
Spain	1999	44.8	52.5	22.1	24.2	49.7	57.9	24.8	21.7	25.5	23.3		
United Kingdom	1999	46.2	...	21.7	...	47.8	60.7	24.6	21.7	27.6	17.7		
United States of America	1999	65.5	90.8	26.1	34.4	47.6	47.3	20.9	20.1	31.5	32.6		
Countries of eastern Europe and the former USSR													
Bulgaria	1998	...	...	...	1.2	...	...	10.9	11.8	...	...
Czech Republic	1998	...	14.1	2.4	5.1	...	...	...	...	...	20.2
Lithuania	1999	...	...	...	1.6	...	68.4	...	...	...	...
Russian Federation	1998	...	3.2	...	1.3	...	...	...	7.2	...	28.5
Slovakia	1998	...	10.4	...	4.4	...	72.8	...	...	...	15.6
Ukraine	1999	...	...	1.8	0.7	...	...	9.4	4.7	...	...
Developing countries													
Bangladesh	1997	...	1.1	...	0.4	...	76.4	...	9.0	...	34.2		
Bolivia	1998	3.0	6.5	1.3	2.7	70.4	56.8	13.1	17.4	16.5	28.0		
Cameroon	1999	...	1.8	...	1.3	...	...	...	...	...	11.4
Chile	1997	23.9	56.3	5.9	11.1	50.6	52.9	12.2	12.4	37.2	38.9		
China	1999	...	...	...	...	...	...	...	...	...	...
China (Hong Kong SAR)	1998	18.1	33.6	9.4	18.4	65.1	60.3	18.1	20.1	16.8	18.8		
China (Taiwan Province)	1997	14.1	...	9.3	12.9	64.4	67.6	23.4	23.0	12.2	9.4		
Colombia	1999	20.5	20.8	3.4	5.7	57.1	55.0	7.0	10.1	35.8	34.1		
Costa Rica	1999	...	...	3.5	5.6	66.7	56.9	...	...	...	...
Cyprus	1999	21.2	24.4	9.2	11.9	59.0	58.4	17.8	25.1	33.2	22.4		
Ecuador	1999	10.6	11.7	5.9	2.2	67.2	72.9	18.4	8.7	14.5	15.0		
Egypt	1997	2.7	4.4	1.8	2.0	70.3	68.8	19.9	13.8	9.8	12.7		
El Salvador	1998	...	11.0	...	3.6	...	49.8	...	...	...	33.8
Ethiopia	1999	9.3	10.0	2.5	1.3	58.2	52.4	11.2	9.4	30.6	43.3		

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

a/ At current prices.

TABLE 1.11
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year (LY)	Rubber products (355)											
		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
Guatemala	1998	5.1	4.7	1.6	4.1	81.4	83.5	...	0.8	5.3	...	...	...
India	1998	3.0	4.6	0.6	1.4	71.1	80.5	80.1	5.7	6.0	12.9	...	13.9
Indonesia	1999	7.2	13.0	2.4	3.1	78.9	49.6	72.4	5.4	5.9	23.5	11.0	21.6
Jordan	1997	15.1	12.0	3.0	3.4	71.9	65.3	59.7	7.0	9.5	14.1	39.4	30.8
Kenya	1999	8.4	21.2	2.8	7.0	63.4	72.2	76.6	5.5	8.6	22.6	26.8	22.1
Kuwait	1998	...	17.3	...	4.5	...	...	...	12.3	7.7	24.3	18.1	17.5
Lebanon	1998	...	1.1	...	0.8	...	...	...	...	6.2	...	...	17.5
Malawi	1998	...	1.1	...	0.8	...	...	...	...	6.2	...	...	17.5
Malaysia	1997	8.9	16.7	2.6	4.9	73.0	71.4	87.8	8.5	8.9	...	7.8	3.3
Mauritius	1997	5.7	7.3	2.3	3.4	62.9	70.6	66.0	8.0	10.0	19.1	20.3	24.0
Mexico	1999	27.2	30.1	7.4	9.2	53.1	45.5	52.4	15.0	16.2	22.1	12.2	18.6
Morocco	1998	11.7	16.8	...	9.2	40.8	52.7	59.9	12.8	14.6	34.1	41.3	33.0
Myanmar	1999	...	35.6	...	1.1	...	...	...	...	22.1	...	...	18.0
Nyanmar	1999	...	35.6	...	1.1	...	...	...	...	22.1	...	...	18.0
Dnan	1999	...	7.5	...	6.9	...	46.6	...	5.7	2.2	53.5	38.8	35.0
Panama	1999	12.6	6.9	4.3	4.9	60.7	46.6	79.3	23.0	...	25.7	30.4	...
Republic of Korea	1999	16.8	57.0	7.4	14.1	57.9	52.3	52.9	13.5	14.7	25.7	...	6.0
Senegal	1997	...	2.7	...	1.4	...	60.6	78.1	18.4	11.7	23.7	34.3	36.4
Singapore	1999	21.6	40.9	11.0	17.1	57.1	55.9	54.4	8.3	11.0	...	31.2	11.0
Sri Lanka	1998	2.6	4.6	0.5	0.8	44.8	59.6	55.3	21.9	19.1	21.0	22.1	26.5
Tunisia	1999	...	...	...	...	65.1	61.6	61.0	10.9	8.1	44.3	33.5	36.6
Turkey	1997	35.0	52.5	9.7	11.5	50.3	47.6	48.3	13.5	17.3	21.5	21.1	21.8
United Republic of Tanzania	1999	1.1	8.3	0.6	1.3	95.9	75.6	75.6	13.7	11.3	36.0	41.3	40.3
Uruguay	1997	21.4	17.2	5.2	8.9	38.5	52.3	55.0	2.2	3.9	1.8	20.8	20.5
Venezuela	1997	23.6	...	5.5	3.4	52.1	53.7	...	15.0	23.3	46.5	28.1	21.7
Yugoslavia	1999	...	6.6	...	1.4	...	50.0	53.1	11.3	4.0	36.6	42.3	...
		...	...	...	...	...	...	...	...	13.9	...	36.1	36.7

a/ At current prices.

TABLE 1.11 SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year (LY)	Plastic products (356)												
		Value added per employee (current 1000 dollars)			Wages and salaries per employee (current 1000 dollars)			Percentage in output a/				Operating surplus		
		1990	LY	1990	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		
Canada	1998	46.7	49.0	22.6	21.1	56.2	55.5	21.2	19.2	19.2	22.6	25.4		
Denmark	1998	49.8	...	27.5	33.6	45.2	...	30.2	...	...	24.6	...
France	1999	55.0	50.4	33.0	24.5	63.3	64.0	22.0	...	16.6	14.7	17.5		
Germany	1999	...	53.7	...	30.9	...	...	...	21.9	22.5	...	16.6
Italy	1998	52.2	54.3	32.7	20.4	67.9	69.7	14.1	11.3	11.4	12.0	18.9		
Japan	1999	67.5	85.3	23.5	35.8	58.6	60.0	20.4	11.3	17.0	27.0	23.5		
Norway	1999	48.8	52.0	27.0	32.6	64.3	63.7	19.8	20.2	22.8	16.0	13.5		
Portugal	1998	14.0	25.9	...	9.3	70.7	68.0	16.6	15.0	11.5	...	20.5		
Spain	1999	37.9	40.4	18.1	18.8	65.4	68.2	20.3	19.7	15.2	18.1	17.4		
United Kingdom	1999	48.5	...	21.0	...	53.1	59.9	20.3	22.9	22.9	26.6	17.2		
United States of America	1999	55.7	83.4	22.3	29.6	52.3	47.0	19.1	18.0	18.8	28.6	30.9		
Countries of eastern Europe and the former USSR														
Bulgaria	1998	...	10.1	...	1.3	...	...	7.9	8.7	11.8	...	...
Czech Republic	1998	...	...	2.1	4.2	...	73.1	...	...	11.1	...	15.8
Latvia	1999	...	8.3	...	2.0	...	70.7	...	...	7.2	...	22.1
Lithuania	1999	...	...	...	2.8	...	...	...	...	13.8	...	...
Russian Federation	1998	...	4.7	...	1.0	...	64.4	...	11.2	7.2	...	30.7		
Slovakia	1998	...	9.3	...	3.7	...	74.0	...	...	10.2	...	15.7
Ukraine	1999	...	...	1.6	0.5	...	...	15.6	11.3	6.2	...	...
Developing countries														
Bangladesh	1997	...	3.8	...	0.5	...	67.5	...	8.8	6.7	...	23.7		
Bolivia	1998	5.9	7.7	1.5	2.3	67.3	68.5	8.5	9.0	9.3	24.2	22.1		
Cameroon	1999	16.6	16.7	4.0	3.3	...	55.7	10.2	12.2	9.5	32.4	38.2		
Chile	1997	...	31.3	...	9.8	76.3	80.0	76.1	...	13.5	...	31.9		
China	1999	...	...	...	...	...	...	...	...	...	...	...
China (Hong Kong SAR)	1999	17.1	29.4	8.8	17.4	69.2	71.2	15.8	14.8	21.4	15.1	14.8		
China (Macao SAR)	1997	8.5	11.9	4.4	6.5	70.0	71.1	15.6	13.1	14.1	14.4	15.8		
China (Taiwan Province)	1997	16.0	...	8.6	13.7	68.7	68.5	16.9	21.3	9.8	14.4	10.2		
Colombia	1999	12.0	20.0	2.1	4.2	64.1	53.7	6.3	8.6	9.8	29.6	36.6		
Costa Rica	1999	...	...	3.1	4.9	64.9	69.8	17.8	23.9	24.1	20.7	18.3
Cyprus	1999	21.4	25.0	9.9	13.3	61.5	57.8	10.0	6.7	4.2	21.7	24.7		
Ecuador	1999	7.2	8.3	2.3	1.5	68.4	68.6	7.3	5.8	7.0	10.9	17.4		
Egypt	1997	4.0	5.5	1.6	1.6	81.8	75.6	...	20.1	15.4	...	25.8		
El Salvador	1998	...	12.0	...	4.1	61.1	55.6	...	8.0	6.4	39.9	18.8		
Ethiopia	1999	9.1	4.9	1.8	0.7	50.5	55.1	9.6	8.0	6.4	...	36.9		

a/ At current prices.

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

TABLE 1.11
(cont. inued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area		Plastic products (356)														
		Latest year		Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Percentage in output a/								
		(LY)	1990	LY	1990	LY	1990	Costs of input materials and utilities		Costs of labour		Operating surplus				
							1990	1995	LY	1990	1995	LY	1990	1995	LY	
Guatemala	1998
India	1998	3.7	2.8	1.1	1.0	84.1	4.5	84.6	88.8	0.4	4.4	4.1	11.3	11.0	7.2	
Indonesia	1999	2.8	3.6	0.5	0.6	70.7	5.5	67.3	63.6	4.4	7.4	6.5	23.8	25.2	29.9	
Jordan	1997	8.1	8.3	2.5	2.6	73.6	7.4	77.4	72.5	8.0	8.1	8.5	18.4	14.5	19.0	
Kenya	1999	7.1	7.4	1.4	2.1	71.7	7.1	79.1	57.0	4.7	4.7	12.0	22.6	16.2	31.1	
Kuwait	1998	14.7	28.6	4.0	7.0	54.4	5.3	58.3	53.2	10.4	10.4	11.4	33.1	31.3	35.4	
Lebanon	1998	...	31.7	...	5.8	...	...	60.8	60.8	...	...	7.2	...	...	32.0
Malawi	1998	...	3.7	...	0.7	...	...	58.3	58.3	...	9.0	8.0	...	23.4	33.7
Malaysia	1997	7.3	16.8	2.2	5.6	65.4	10.7	64.1	61.6	11.9	12.9	12.9	24.0	23.9	25.5	
Mauritius	1997	5.4	6.7	2.3	3.5	65.5	14.5	53.2	67.0	17.3	17.1	17.1	20.0	29.4	15.9	
Mexico	1999	16.4	19.2	3.9	5.3	48.2	12.4	61.7	63.9	9.4	10.1	10.1	39.4	28.9	26.1	
Morocco	1998	...	9.0	...	3.6	...	...	71.1	66.8	12.7	13.3	13.3	...	16.2	19.9
Nyandar	1999	...	62.4	...	8.5	27.7	12.5	71.2	76.7	4.0	3.2	3.2	...	24.8	20.2	
Oman	1999	...	24.4	...	5.1	...	...	61.8	49.5	10.2	10.2	...	...	28.0	...
Panama	1999	15.9	11.7	6.0	5.3	57.4	16.0	57.4	72.7	...	...	12.3	26.6	...	15.0
Republic of Korea	1999	27.4	48.4	8.5	11.8	61.3	12.0	57.6	58.0	9.0	9.0	10.3	26.8	33.5	31.8	
Saint Lucia	1997	...	...	...	...	...	...	53.5	55.6	...	...	...	...	45.1	43.1
Senegal	1997	8.0	4.3	3.9	1.4	72.8	13.3	79.0	80.8	12.0	6.2	6.2	13.9	9.0	13.0	
Singapore	1999	21.9	30.3	9.2	15.1	64.3	15.1	61.3	60.2	19.3	19.3	19.8	20.7	19.4	19.9	
Sri Lanka	1998	3.1	3.3	0.6	0.8	58.2	8.4	58.8	62.0	8.2	8.2	9.3	33.4	33.0	28.7	
Tunisia	1999	...	...	...	...	...	...	72.9	72.5	8.1	7.2	7.2	...	19.0	20.3
Turkey	1997	21.7	27.0	5.3	5.9	66.3	8.2	66.5	66.3	5.1	7.3	7.3	...	25.5	26.3	
United Republic of Tanzania	1999	0.5	1.0	0.5	0.5	95.0	4.3	91.6	91.6	4.0	4.0	4.3	0.7	4.4	4.1	
Uruguay	1997	12.9	23.7	3.1	8.0	54.9	11.0	53.1	59.2	14.5	13.7	13.7	34.2	32.4	27.1	
Venezuela	1997	10.0	14.1	3.4	2.2	60.7	13.1	60.1	60.4	6.6	6.1	6.1	26.2	33.3	33.5	
Yugoslavia	1999	...	11.7	...	1.3	...	...	55.0	58.1	6.8	6.8	4.8	...	38.3	37.1

a/ At current prices.

TABLE 1.11
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		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
Canada	1998	68.6	61.3	30.0	23.9	38.5	37.4	35.8	26.9	32.0	25.0	34.6	30.6	39.2
Finland	1999	56.5	51.3	25.5	22.8	35.4	...	47.5	29.1	35.7	23.3	35.5	...	29.2
France	1999	...	32.8	...	23.4	...	...	54.2	...	...	32.7	...	...	13.2
Germany	1999	...	42.4	...	27.2	...	...	45.3	...	36.0	35.1	...	...	19.7
Italy	1998	54.8	42.8	35.5	18.7	54.9	...	45.2	29.2	20.1	20.1	15.8	...	25.8
Japan	1999	43.2	61.5	21.7	36.5	45.5	48.2	52.6	27.4	19.0	28.1	27.1	32.8	19.3
Norway	1999	33.1	33.7	23.5	24.5	43.9	...	45.1	39.9	...	39.9	16.3	...	14.9
Portugal	1998	11.4	15.1	...	7.4	50.6	50.7	49.0	...	...	25.1	...	...	25.9
Spain	1999	28.9	36.3	16.0	17.8	44.7	50.3	51.9	30.8	27.3	23.6	24.6	22.4	24.5
United Kingdom	1999	33.1	...	17.2	...	32.3	46.0	42.8	35.3	34.3	38.5	32.5	19.7	18.6
United States of America	1999	48.4	73.4	21.8	28.2	29.5	29.0	28.4	31.8	30.5	27.5	38.7	40.5	44.1
Countries of eastern Europe and the former USSR														
Lithuania	1999	...	...	...	1.8	...	...	...	...	...	48.1	...	...	...
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	1999	...	...	1.5	0.4	...	...	...	34.7	20.7	23.0	...	...	...
Developing countries														
Bangladesh	1997	...	1.3	...	0.4	...	55.7	43.2	...	11.8	18.1	...	32.6	38.7
Bolivia	1998	1.7	1.4	0.4	0.7	37.7	...	48.6	13.5	...	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	1999	...	...	...	...	69.9	70.0	70.0	...	...	...	...	...	...
China (Taiwan Province)	1997	11.6	...	8.4	13.8	51.8	51.9	33.5	35.1	41.6	...	13.0	6.5	...
Colombia	1999	11.3	24.9	2.2	5.1	44.4	37.9	33.5	10.9	13.4	13.6	44.7	48.8	52.9
Costa Rica	1999	...	...	3.0	4.4	64.7	59.4	54.5	...	...	...	...	...	...
Cyprus	1999	17.6	18.4	7.1	7.7	43.3	34.6	33.0	22.8	30.9	28.1	33.9	34.6	39.0
Ecuador	1999	5.6	8.6	2.4	1.3	60.2	61.9	73.1	17.3	10.4	4.1	22.5	27.7	22.8
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	...	...	...
India	1998	1.9	2.0	1.2	1.0	72.7	70.7	76.0	16.2	11.1	12.2	11.0	18.3	11.9
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	1999	4.2	3.6	1.6	1.9	...	...	...	...	...	...	...	...	...
Lebanon	1998	...	6.2	...	3.4	...	...	57.8	...	...	23.4	...	...	18.8
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

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/							
		LY		LY		Costs of input materials and utilities		Costs of labour				Operating surplus	
		1990	1995	1990	1995	1990	1995	1990	1995	1990	1995	1990	1995
Mauritius	1997	2.1	3.1	1.4	2.6	66.7	59.8	23.3	29.9	48.8	43.8	10.3	7.5
Mexico	1999	19.5	19.6	4.3	5.0	35.6	38.7	14.2	14.5	43.8	14.3	46.8	41.9
Morocco	1998	...	11.2	...	4.2	...	64.4	...	14.8	14.7	...	20.8	24.9
Oman	1999	...	24.2	...	2.8	...	...	...	...	...	...	...	...
Republic of Korea	1999	17.2	26.0	7.2	9.5	33.5	34.7	28.0	26.8	22.9	...	38.5	39.4
Sri Lanka	1998	2.7	2.8	0.9	1.2	42.8	48.2	19.5	18.3	21.8	19.6	37.7	28.3
Tunisia	1999	...	...	...	...	57.8	61.6	21.6	18.8	19.7	...	20.7	18.1
Turkey	1997	35.4	35.0	6.5	8.0	33.7	38.6	12.3	11.3	12.3	54.1	50.1	41.7
United Republic of Tanzania	1999	0.3	0.7	0.2	0.2	50.0	61.2	...	11.9	13.6	12.5	26.9	25.6
Uruguay	1997	10.1	13.3	3.1	8.1	39.1	41.5	18.9	25.0	30.1	42.0	33.4	19.1
Venezuela	1997	7.8	2.4	4.2	1.7	45.0	48.9	29.7	9.0	11.6	25.3	42.0	4.3
Yugoslavia	1999	...	6.1	...	0.8	...	40.0	...	18.4	7.5	...	41.6	50.1

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		1990		LY		1990		LY	
		1990	LY	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY
Industrialized countries 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			
Canada	1998	53.6	66.7	27.6	27.5	53.4	44.4	49.1	24.0	21.1	20.9	22.5	...	29.9			
Denmark	1998	42.1	...	28.3	30.4	46.6	...	...	35.9	...	...	17.6	...	...	
Finland	1999	50.8	53.5	28.6	28.6	53.1	56.9	57.6	26.4	23.7	22.7	20.5	...	19.7			
France	1999	55.0	55.1	32.2	28.6	46.1	51.4	60.1	31.6	...	20.7	22.3	...	19.1			
Germany	1999	55.6	55.8	36.3	32.4	...	...	58.0	...	24.7	24.4	...	...	17.6
Italy	1998	58.2	...	42.4	22.1	60.8	...	61.6	25.6	...	14.5	13.6	...	23.8			
Japan	1999	121.0	125.2	30.6	45.7	47.2	47.2	51.9	14.6	14.3	17.6	43.0	...	30.5			
Norway	1999	52.1	54.4	28.7	34.7	57.5	57.1	60.6	23.5	24.0	25.1	19.1	...	18.9			
Portugal	1998	16.4	29.3	...	11.2	59.3	57.7	56.9	...	...	16.5	...	...	26.6
Spain	1999	55.2	48.9	20.3	21.7	50.9	55.9	61.7	18.0	18.0	17.0	31.0	...	21.3			
United Kingdom	1999	49.5	...	22.8	...	43.0	61.5	57.6	26.3	20.5	23.7	30.7	...	18.7			
United States of America	1999	71.5	113.5	27.1	36.4	41.9	39.5	38.6	22.0	20.4	19.7	36.1	...	40.2			
Countries of eastern Europe and the former USSR																	
Bulgaria	1998	...	12.1	2.1	1.5	...	...	60.3	17.7	14.5	16.1	...	...	25.3
Czech Republic	1998	...	13.0	...	4.4	...	68.6	47.2	...	...	14.3	...	...	41.7
Latvia	1998	...	...	...	2.7	...	...	...	...	...	11.1	...	...	...
Lithuania	1999	...	...	...	3.7	...	...	...	...	...	22.2	...	...	...
Russian Federation	1998	...	2.8	...	1.1	...	53.2	57.3	...	13.3	16.5	...	...	26.2	
Slovakia	1998	...	7.3	...	3.5	...	...	65.0	...	...	16.6	...	...	18.4
Ukraine	1999	...	...	1.8	0.6	...	...	...	16.4	12.4	13.6	...	...	...
Developing countries																	
Bangladesh	1997	...	5.8	...	1.2	...	52.8	57.0	...	8.0	8.7	...	39.2	34.3			
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			
Chile	1997	25.5	60.3	5.4	11.7	38.2	38.8	42.3	13.1	11.9	11.2	48.6	...	46.4			
China	1999	...	...	...	...	72.9	66.6	71.2	...	...	...	...	...	...
China (Hong Kong SAR)	1999	19.4	71.8	7.8	26.2	63.3	53.4	51.0	14.8	16.2	17.9	21.9	...	30.5			
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			
China (Taiwan Province)	1997	18.5	...	10.0	12.9	40.5	47.9	...	32.2	27.2	...	27.2	...	25.0			
Colombia	1999	16.2	25.7	2.7	5.4	44.7	40.8	44.2	9.1	10.7	11.7	46.2	...	44.1			
Costa Rica	1999	...	...	2.8	5.3	63.8	56.4	53.0	...	...	...	...	...	...
Cyprus	1999	17.2	20.9	8.2	11.1	67.3	65.9	57.9	15.7	19.3	22.3	17.0	...	14.8			
Ecuador	1999	13.6	24.6	3.6	1.9	63.7	69.5	69.5	9.5	4.8	2.4	26.8	...	37.5			
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			
El Salvador	1998	...	7.5	...	2.5	...	...	34.2	...	...	21.9	...	...	43.8
Ethiopia	1999	...	3.9	...	0.7	...	33.3	35.0	...	11.8	11.9	...	...	54.9	

a/ At current prices.
b/ Excluding countries of eastern Europe and the former USSR.

TABLE 1.11
(cont. inued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year (LY)	Glass (362)											
		Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Costs of input materials and utilities		Percentage in output a/					
		1990	LY	1990	LY	1990	LY	1990	1995	1990	LY		
Guatemala	1998	2.1	1.6	1.0	2.7	77.8	83.0	11.0	0.6	11.2	3.9	16.1	7.4
India	1998	4.6	6.6	1.0	0.9	70.2	75.4	11.0	8.4	23.2	9.6	32.8	26.8
Indonesia	1997	6.0	18.0	2.9	1.9	71.9	57.9	6.5	10.3	14.4	15.3	36.8	26.9
Jordan	1998	26.9	58.6	5.2	7.9	58.7	43.5	8.0	19.8	33.3	7.0	31.4	38.4
Kuwait	1998	20.2	37.7	4.8	6.6	50.7	61.6	11.7	6.9	37.6	8.1	9.4	18.7
Lebanon	1997	4.0	7.8	3.0	4.7	50.0	41.7	38.3	49.0	11.7	28.4	9.4	40.5
Malaysia	1999	25.7	34.8	6.0	7.6	40.7	45.3	13.9	11.5	45.4	11.3	43.3	29.6
Mauritius	1998	...	13.3	...	4.3	...	64.0	...	16.3	...	13.9	19.8	29.6
Mexico	1999	...	18.3	...	5.5	...	56.4	...	13.3	...	...	30.3	...
Morocco	1999	31.9	11.8	4.7	3.9	37.2	...	9.2	...	53.5	10.4	...	21.0
Oman	1999	...	...	24.8	21.3	...	...	...	...	...	...	...	...
Panama	1999	...	...	12.1	15.8	41.9	39.8	18.1	14.9	40.0	9.6	45.3	49.4
Puerto Rico	1999	38.9	97.4	3.8	3.2	42.9	49.1	17.9	13.8	39.2	17.7	37.0	32.8
Republic of Korea	1998	...	9.0	...	...	59.3	67.5	13.8	14.5	27.0	14.5	18.0	17.4
Sri Lanka	1999	...	...	...	...	42.5	43.0	16.8	15.0	40.7	15.3	42.0	34.8
Tunisia	1997	35.1	44.8	10.3	14.2	...	69.7	5.6	1.8	...	2.0	28.5	28.3
Turkey	1999	...	4.3	0.2	0.3	...	...	...	...	...	...	...	...
United Republic of Tanzania	1999	16.4	17.9	4.0	9.5	43.7	43.2	13.7	22.9	42.7	25.5	33.9	22.4
Uruguay	1997	17.6	49.0	4.1	3.0	42.6	34.0	13.4	4.8	44.1	4.0	61.2	60.9
Venezuela	1999	...	5.7	...	1.4	...	51.1	...	16.3	...	11.3	32.6	34.6
Yugoslavia	1999	...	...	...	...	...	...	...	...	...	...	...	...

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)		Costs of input materials and utilities		Percentage in output a/						
		LY		LY		LY		Costs of labour		LY			LY	
		1990	1995	1990	1995	1990	1995	1990	1995	1990	1995	1990	1995	
Industrialized countries b/														
Canada	1998	68.7	73.9	29.2	27.3	51.8	51.0	20.4	18.6	27.7	29.6	29.7	29.5	30.9
Denmark	1998	64.9	...	32.4	36.7	40.7	...	29.6	...	29.7	...	29.7	...	...
Finland	1999	67.5	63.3	29.0	25.7	52.8	60.3	20.3	20.0	20.3	26.9	26.9	18.7	23.6
France	1999	84.4	72.6	45.7	28.3	55.7	60.6	24.0	...	20.4	...	20.4	...	24.0
Germany	1999	...	64.5	...	34.6	...	...	...	19.4	...	...	...	...	18.4
Italy	1998	67.0	55.0	34.5	21.5	60.7	66.6	20.3	...	19.1	...	19.1	...	20.4
Japan	1999	84.3	102.1	26.2	39.6	50.2	52.6	15.5	8.9	34.3	38.7	38.7	...	29.0
Norway	1999	59.2	68.5	31.6	36.5	63.5	66.8	19.5	19.2	17.0	17.0	17.0	17.0	15.5
Portugal	1998	19.1	32.9	9.0	9.0	59.3	60.5	...	...	...	...	...	...	28.6
Spain	1999	52.5	50.6	17.3	19.0	55.5	60.8	14.7	16.2	29.8	23.0	29.8	23.0	23.3
United Kingdom	1999	73.0	...	23.8	...	46.0	59.3	17.6	18.3	36.4	36.4	36.4	23.4	21.8
United States of America	1999	65.9	113.0	25.7	34.4	48.5	46.4	20.1	19.1	31.4	34.4	31.4	34.4	37.3
Countries of eastern Europe and the former USSR														
Albania	1997	...	...	...	1.0	...	...	...	...	...	...	...	...	...
Czech Republic	1998	...	16.1	2.3	4.8	...	62.9	...	...	...	...	...	...	26.0
Latvia	1999	...	8.2	...	2.7	...	66.2	...	...	...	...	...	...	22.6
Lithuania	1999	...	...	...	3.1	...	...	...	...	...	...	...	...	...
Russian Federation	1998	...	3.1	...	1.3	...	60.7	...	13.1	...	...	...	26.0	22.9
Slovakia	1998	...	9.9	...	3.7	...	68.3	...	...	...	...	...	...	19.7
Ukraine	1999	...	...	1.7	0.5	...	...	22.4	11.4	...	...	...	...	...
Developing countries														
Bangladesh	1997	...	14.1	...	1.0	...	22.7	...	5.6	...	...	...	38.2	71.8
Bolivia	1998	11.5	17.0	2.1	3.7	52.9	50.3	8.7	8.0	38.3	41.7	38.3	41.7	34.1
Cameroon	1999	42.5	44.9	17.9	10.6	57.4	68.0	9.7	11.4	43.0	44.9	43.0	44.9	43.5
Chile	1997	37.0	76.2	6.8	14.1	47.3	44.9	68.4	70.2	...	...	...	...	...
China	1999	...	...	...	...	...	...	...	...	...	...	...	...	...
China (Hong Kong SAR)	1999	35.3	105.0	14.0	29.1	82.6	76.8	6.9	7.8	10.5	15.4	10.5	15.4	22.5
China (Macao SAR)	1997	5.6	25.1	3.7	10.7	65.5	78.4	22.5	7.3	12.0	14.3	12.0	14.3	10.5
China (Taiwan Province)	1997	32.5	...	10.5	15.1	56.4	67.1	14.1	12.5	29.5	20.4	29.5	20.4	...
Colombia	1999	16.5	37.8	2.5	4.6	48.5	46.2	7.7	7.0	43.8	46.8	43.8	46.8	53.9
Costa Rica	1999	...	...	2.9	5.9	61.3	61.5	...	...	...	...	...	...	...
Côte d'Ivoire	1997	...	39.7	...	12.0	9.0	87.4	...	3.5	...	...	...	...	9.4
Cyprus	1999	28.8	38.6	12.7	17.7	58.0	58.9	18.6	21.5	23.4	19.6	23.4	19.6	22.2
Ecuador	1999	12.7	22.8	4.4	2.9	61.8	63.8	13.3	5.5	24.9	27.6	24.9	27.6	31.5
Egypt	1997	6.4	8.2	2.1	2.4	64.6	63.3	11.5	10.5	23.9	26.2	23.9	26.2	25.2
El Salvador	1998	...	24.9	...	5.6	...	45.8	...	8.9	...	...	...	44.3	41.9

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

a/ At current prices.

TABLE 1.11
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area		Other non-metallic mineral prods. (369)												
		Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Costs of input materials and utilities		Percentage in output a/						
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Ethiopia	1999	5.4	5.1	1.3	0.8	53.0	52.7	52.7	11.1	6.4	7.1	35.9	41.0	40.2
Guatemala	1998	...	...	...	...	...	...	...	...	...	...	...	...	...
India	1998	3.2	2.8	0.9	2.0	75.5	73.7	81.0	6.9	0.5	2.4	17.6	20.0	12.5
Jordan	1997	14.2	14.1	2.6	3.3	46.5	52.8	82.6	9.9	6.2	6.6	43.6	36.4	36.1
Kenya	1999	7.8	5.9	2.6	2.9	76.0	74.5	82.6	8.1	9.8	8.4	15.9	15.7	9.0
Kuwait	1998	16.1	27.6	5.2	8.5	72.1	60.4	61.3	8.9	10.8	11.8	19.0	28.8	26.8
Lebanon	1998	...	23.2	...	6.1	...	56.3	56.3	...	...	11.5	...	...	32.2
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
Mauritius	1997	8.5	25.1	2.5	6.9	62.7	63.9	54.3	10.8	13.3	12.6	26.5	22.8	33.1
Mexico	1999	31.9	73.5	6.2	7.2	47.1	43.7	41.1	10.3	10.0	5.7	42.6	46.4	53.2
Morocco	1998	...	15.7	...	7.0	...	50.2	44.5	...	14.4	24.8	...	36.4	30.7
Oman	1999	...	25.3	...	5.3	...	45.4	40.3	...	11.4	...	...	43.2	...
Panama	1999	12.2	26.9	5.5	6.6	55.5	...	70.6	19.9	...	7.2	24.5	...	22.2
Puerto Rico	1999	...	...	...	40.7	...	...	...	...	53.6	53.3	...	...	...
Republic of Korea	1999	44.5	84.1	10.0	13.6	54.8	52.3	52.4	10.2	10.4	7.7	35.0	37.2	39.9
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	1999	34.1	56.2	11.1	18.1	68.8	69.0	66.7	10.2	8.6	10.7	21.1	22.3	22.6
Sri Lanka	1998	2.3	3.0	1.0	0.6	72.7	54.5	51.8	11.7	9.7	10.1	15.6	35.8	38.1
Tunisia	1999	...	...	...	...	63.2	70.3	70.6	17.7	10.6	10.7	19.1	19.0	18.6
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
United Republic of Tanzania	1999	1.5	5.7	0.3	0.4	81.4	80.2	80.2	4.2	1.4	1.5	14.4	18.4	18.3
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	1997	13.8	22.8	4.0	2.5	47.5	44.1	52.7	15.4	5.0	5.2	37.2	51.0	42.1
Yugoslavia	1999	...	8.7	...	2.1	...	56.2	48.9	...	12.9	12.0	...	30.9	39.0

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)		Costs of input materials and utilities		Percentage in output a/						
		LY		LY		LY		Costs of labour		Operating surplus				
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY			
Industrialized countries b/														
Belgium	1997	55.1	87.3	36.6	35.7	68.9	65.0	65.1	22.6	16.5	16.0	15.1	23.2	23.1
Canada	1998	61.0	...	30.4	36.0	62.3	60.3	60.9	21.9	...	...	24.5	...	...
Denmark	1998	64.4	...	32.2	31.3	53.6	...	...	12.7	9.2	10.9	13.5	20.1	9.5
Finland	1999	66.4	58.6	26.1	29.4	68.8	69.2	77.6	18.2	...	12.3	13.0	...	10.1
France	1999	44.8	53.7	26.1	25.4	68.8	...	69.1	18.2	18.8	19.9	10.1	...	10.9
Germany	1999	57.1	57.0	37.7	35.9	72.4	...	77.5	18.2	...	9.2	9.4	...	13.3
Italy	1998	62.3	62.3	37.7	35.9	72.4	...	77.5	18.2	...	9.2	9.4	...	13.3
Japan	1999	143.6	144.0	38.6	57.0	61.6	64.7	66.5	10.3	10.2	13.3	28.1	25.0	20.3
Norway	1999	47.1	60.7	32.5	38.1	76.0	...	75.6	16.6	...	15.3	7.4	...	9.1
Portugal	1998	18.0	26.0	...	11.3	69.3	81.1	78.4	15.1	...	9.4	...	...	12.2
Spain	1999	49.0	60.3	23.9	25.4	69.0	70.5	72.6	15.1	10.6	11.5	15.9	18.9	15.9
United Kingdom	1999	53.3	24.0	...	...	60.9	68.1	73.0	17.6	13.8	18.6	21.5	18.1	8.4
United States of America	1999	76.9	117.0	33.7	43.4	58.0	56.8	55.6	18.4	16.4	16.5	23.6	26.9	27.9
Countries of eastern Europe and the former USSR														
Albania	1997	...	...	...	0.8	...	...	...	...	...	...	...	...	...
Bulgaria	1998	3.6	...	1.3	2.4	...	...	...	8.9	7.7	11.4	...	...	...
Czech Republic	1998	...	12.0	2.6	5.2	...	79.5	...	...	...	9.0	...	...	11.5
Lithuania	1999	...	...	...	3.2	...	...	...	...	...	23.1	...	...	...
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	...	8.7	4.1	5.7	...	...	6.3
Ukraine	1999	...	...	2.0	0.9	...	...	...	...	...	5.5	...	...	...
Developing countries														
Bangladesh	1997	...	8.2	...	0.6	...	72.1	71.6	...	2.8	2.2	...	25.1	26.2
Bolivia	1998	3.6	8.8	1.3	1.8	70.3	66.4	69.0	...	...	...	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	1999	...	46.0	...	...	75.8	71.2	73.6	...	...	...	...	...	...
China (Hong Kong SAR)	1999	29.1	...	11.7	29.0	78.1	71.2	81.3	8.8	9.4	11.8	13.1	19.4	6.9
China (Taiwan Province)	1997	44.2	...	14.4	18.3	65.4	68.6	...	11.3	10.7	...	23.3	20.7	...
Colombia	1999	30.2	36.7	2.8	6.2	55.9	57.9	51.8	4.2	5.7	8.1	39.9	36.4	40.1
Costa Rica	1999	...	...	1.9	5.4	...	83.9	84.3	...	...	...	...	...	...
Ecuador	1999	12.7	5.8	4.5	1.6	82.6	89.1	92.3	6.2	2.9	2.1	11.2	8.1	5.6
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	76.4	69.3	...	...	...	...	20.1	22.3
Ethiopia	1999	5.4	7.4	2.5	1.2	83.8	57.2	68.9	7.5	3.3	5.0	8.7	39.5	26.1
Guatemala	1998	...	...	...	0.8	...	...	...	...	...	...	...	...	...
India	1998	5.5	6.7	1.9	2.0	83.7	82.8	79.2	5.7	5.8	6.2	10.6	11.4	14.7

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

a/ At current prices.

TABLE 1.11
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area		Iron and steel (371)												
		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	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY	
Indonesia	1999	41.1	14.9	1.1	2.3	56.4	58.2	75.0	1.2	2.9	3.9	42.4	38.9	21.1
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	1998	16.4	19.2	4.8	6.2	63.5	54.3	59.2	10.7	11.6	13.2	25.8	34.1	27.7
Lebanon	1998	..	74.1	..	9.3	..	..	76.2	..	..	3.0	..	..	20.9
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
Mexico	1999	38.0	57.9	6.3	8.4	67.5	66.3	68.1	5.4	3.7	4.6	27.1	31.0	27.3
Morocco	1998	..	57.3	..	9.2	..	76.3	72.5	..	2.9	4.4	..	..	23.1
Norway	1998	42.6	68.4	3.7	7.4	67.6	59.7	35.9	2.8	2.4	6.9	29.6	37.9	57.2
Panama	1999	..	14.7	..	5.3	..	..	90.1	..	..	3.6	..	..	6.3
Republic of Korea	1999	70.1	117.6	13.5	16.0	64.4	63.0	64.1	6.8	6.2	4.9	28.8	30.8	31.0
Singapore	1999	56.0	75.0	15.6	26.3	69.8	73.9	67.7	8.4	11.5	11.3	21.8	14.6	21.0
Sri Lanka	1998	4.1	8.0	1.2	2.1	68.2	48.4	76.0	9.5	10.2	6.4	22.3	41.4	17.6
Tunisia	1999	..	..	..	..	80.5	84.3	84.6	9.2	11.0	11.8	10.3	4.7	3.6
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	1997	18.4	26.2	7.6	4.3	66.0	52.6	69.7	14.1	0.4	5.0	19.9	46.9	25.3

a/ At current prices.

TABLE 1.11
SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year (LY)	Non-ferrous metals (372)												
		Value added per employee (current 1000 dollars)		Wages and salaries per employee (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	95.0	...	37.0	...	76.3	75.9	76.0	19.6	14.3	14.8	19.2	27.3	26.2
Canada	1998	73.2	95.0	37.2	34.2	61.2	58.4	59.1	29.1	14.3	14.8	10.5	...	...
Denmark	1998	39.1	...	28.7	...	60.4	...	...	7.2	6.3	6.9	11.4	5.5	10.0
Finland	1999	84.4	74.1	32.8	30.3	81.4	88.2	83.1	15.5	6.3	6.9	14.4	...	11.6
France	1999	93.9	56.9	48.7	27.9	70.1	66.4	77.2	...	16.2	16.4	...	...	13.4
Germany	1999	...	68.4	...	37.8	...	...	70.2	16.5	16.2	16.4	5.3	...	13.1
Italy	1998	50.7	61.4	38.4	23.4	78.2	...	78.9	10.2	9.7	11.6	20.7	20.4	14.4
Japan	1999	97.4	109.6	32.1	48.9	69.1	69.9	74.0	10.4	9.3	9.4	12.5	16.3	15.0
Norway	1999	79.2	109.5	36.0	42.3	77.1	74.4	75.5	10.4	9.3	10.9	15.9	15.1	14.5
Portugal	1998	15.6	21.5	...	9.2	78.1	72.7	74.6	10.4	10.4	10.9	15.9	15.1	13.2
Spain	1999	58.9	61.5	23.3	24.6	73.7	74.5	78.0	13.5	11.1	15.7	12.8	14.3	11.0
United Kingdom	1999	46.9	...	24.1	...	73.7	74.6	73.3	12.6	11.7	13.2	17.3	21.8	26.3
United States of America	1999	70.9	109.9	29.9	36.7	70.1	66.5	60.5	...	...	...	...	...	...
Countries of eastern Europe and the former USSR														
Albania	1997	...	...	...	1.0	...	...	...	7.7	6.2	8.0	...	...	...
Bulgaria	1998	...	...	2.3	2.5	...	...	...	...	...	5.9	...	...	10.6
Czech Republic	1998	...	13.3	...	4.8	...	...	83.5	...	...	2.5	...	...	...
Lithuania	1999	...	...	11.4	1.5	...	...	...	...	...	10.3	...	43.3	50.1
Russian Federation	1998	...	...	...	3.5	...	48.9	39.6	...	7.8	6.5	...	...	13.0
Slovakia	1998	...	12.5	...	4.2	...	...	80.5	...	4.2	9.2	...	...	...
Ukraine	1999	...	...	...	1.0	...	...	...	...	...	...	...	...	...
Developing countries														
Cameroun	1999	36.7	42.6	16.7	11.6	...	82.6	76.8	...	7.8	6.3	...	9.6	16.9
China	1999	25.0	46.2	11.9	27.1	80.8	77.4	77.4	5.7	4.6	4.4	6.2	7.0	3.1
China (Hong Kong SAR)	1999	...	...	...	...	88.1	88.4	92.4	7.1	7.5	7.5	14.6	12.7	...
China (Taiwan Province)	1997	34.7	...	11.4	14.5	78.2	79.8	...	4.6	6.5	3.9	38.5	25.4	20.0
Colombia	1999	25.3	31.6	2.7	5.1	56.9	68.1	76.1	...	...	...	...	...	...
Costa Rica	1999	...	...	...	5.5	...	58.9	...	...	...	...	...	...	...
Ecuador	1999	8.2	2.8	4.6	1.3	89.8	78.2	93.9	5.7	6.1	2.8	4.5	15.7	3.3
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	...	...	...
India	1998	4.1	6.8	1.5	1.9	...	78.9	80.8	6.4	6.0	5.3	11.4	15.0	13.8
Indonesia	1999	25.8	19.6	1.2	2.1	71.6	65.9	58.4	1.3	3.5	4.4	27.1	30.7	37.2
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
Mexico	1999	39.1	51.0	5.3	6.5	68.2	63.2	68.5	4.3	3.1	4.0	27.5	33.8	27.5

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

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)		Costs of input materials and utilities			Costs of labour			Operating surplus		
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
		Percentage in output a/												
Morocco	1998	...	14.6	...	5.8	...	77.2	78.0	...	9.2	8.8	...	13.7	13.2
Oman	1999	...	26.5	...	11.4	...	44.3	56.8	...	12.2	...	...	43.5	...
Panama	1999	...	13.4	...	5.4	...	...	81.3	...	...	7.6	...	...	11.1
Republic of Korea	1999	36.9	77.3	10.6	14.9	74.1	70.8	74.1	7.4	6.6	5.0	18.5	22.6	20.9
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
Sri Lanka	1998	...	3.5	1.3	1.3	68.1	50.6	79.4	3.7	5.2	7.3	28.2	44.2	13.2
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
United Republic of Tanzania	1999	3.0	1.3	0.6	0.8	89.9	89.3	89.3	2.0	6.5	7.1	8.1	4.1	3.6
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	1997	52.2	24.2	5.9	7.2	51.3	41.0	74.4	5.5	2.2	7.6	43.2	56.8	18.0

a/ At current prices.

TABLE 1.11
SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year (LY)	Metal products (381)												
		Value added per employee (current 1000 dollars)			Wages and salaries per employee (current 1000 dollars)			Costs of input materials and utilities			Percentage in output a/			
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Industrialized countries b/														
Canada	1998	47.8	45.1	25.5	23.2	55.8	53.3	54.1	23.6	22.9	23.7	20.6	23.8	22.3
Denmark	1998	40.3	...	29.0	32.9	49.5	...	...	36.3	...	...	14.1	...	...
Finland	1999	55.2	48.4	28.1	25.4	54.1	63.0	59.7	23.4	19.4	21.2	22.5	17.6	19.2
France	1999	56.7	46.0	37.9	24.8	51.8	50.4	61.9	32.2	...	20.5	16.0	...	17.5
Germany	1999	...	51.6	...	33.0	...	...	58.3	...	26.7	26.7	...	...	15.0
Italy	1998	47.4	51.6	32.5	18.9	64.0	...	61.6	24.7	...	14.1	11.3	...	24.3
Japan	1999	70.8	86.9	26.6	40.4	54.5	54.6	56.3	17.1	10.9	20.8	28.4	34.6	23.9
Norway	1999	36.9	51.8	32.7	33.3	62.7	59.7	59.2	27.8	26.8	26.2	9.5	13.5	14.6
Portugal	1998	10.4	17.2	7.3	...	67.7	65.3	65.7	19.0	19.9	14.7	21.3	17.1	19.7
Spain	1999	37.4	35.0	17.6	18.1	59.7	63.1	63.5	19.0	19.9	18.8	21.3	17.1	17.6
United Kingdom	1999	44.3	...	21.6	...	51.9	57.0	53.3	23.5	26.1	26.3	24.7	16.9	20.4
United States of America	1999	54.2	76.2	24.6	33.1	51.5	50.2	44.6	22.0	21.0	24.1	26.5	28.8	31.3
Countries of eastern Europe and the former USSR														
Albania	1997	...	...	...	0.6	...	...	...	15.1	15.7	13.6	...	...	...
Bulgaria	1998	...	...	2.1	1.2	...	...	...	...	...	14.2	...	...	...
Czech Republic	1998	...	8.6	...	4.2	...	...	71.3	...	...	16.2	...	...	14.6
Latvia	1999	...	4.9	...	2.3	...	...	50.5	...	...	16.2	...	...	18.8
Lithuania	1999	...	...	...	2.4	...	...	...	...	...	26.8	...	...	...
Russian Federation	1998	...	2.9	...	1.0	...	...	53.1	...	15.4	16.5	...	31.5	29.2
Slovakia	1998	...	6.4	...	3.5	...	...	73.8	...	...	14.5	...	...	11.8
Ukraine	1999	...	...	...	0.4	...	...	...	...	13.8	15.8	...	...	...
Developing countries														
Bangladesh	1997	...	2.3	...	0.5	...	...	70.2	...	8.4	7.7	...	21.4	26.3
Bolivia	1998	6.1	8.9	1.3	2.5	71.1	63.0	67.3	6.0	9.5	9.1	22.9	27.5	23.5
Bahrain	1999	...	9.3	...	5.4	...	64.3	69.5	...	20.5	17.6	...	15.2	12.9
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	1999	...	...	...	...	73.0	76.7	75.6	...	...	...	...	...	...
China (Hong Kong SAR)	1999	16.6	32.6	8.9	19.3	68.7	76.4	68.2	16.8	13.4	18.9	14.4	10.2	12.9
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)	1997	13.2	...	9.5	13.4	63.8	66.2	...	26.2	24.4	...	10.0	9.4	...
Colombia	1999	9.8	14.9	2.1	3.9	59.9	53.4	50.8	8.6	10.6	12.8	31.5	36.0	36.5
Costa Rica	1999	...	...	2.6	4.1	76.9	66.4	65.4	...	...	...	...	...	...
Côte d'Ivoire	1997	...	22.8	...	10.9	...	79.4	77.5	...	8.4	10.7	...	12.2	11.8
Cyprus	1999	20.3	26.9	9.1	12.4	65.4	65.9	61.2	15.5	20.7	17.9	19.2	13.4	20.9
Ecuador	1999	6.6	11.6	2.8	2.0	70.5	75.0	73.2	12.4	8.9	4.5	17.1	16.0	22.3
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

a/ At current prices.

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

TABLE 1.11
(cont inued)

Country or area		Metal products (381)															
		Latest year (LY)		Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Costs of input materials and utilities				Percentage in output a/					
		1990	LY	1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY	
El Salvador	1998	...	9.4	...	2.6	3.5	...	...	...	...	...	...	...	...	...	...
Ethiopia	1999	5.0	2.7	...	3.3	0.8	54.3	55.0	64.7	23.7	...	...	...	...	...	22.1	
Fiji	1998	7.2	...	...	10.4	...	78.5	...	51.8	9.9	...	...	...	...	...	11.6	34.3
Guatemala	1998	...	...	...	...	1.2	...	...	...	...	...	...	...	...	...	...	...
India	1998	2.7	3.4	...	1.3	1.4	81.6	78.2	80.8	8.6	7.7	9.7	14.0	11.5	...	...	...
Indonesia	1999	5.0	5.6	...	0.8	1.3	70.6	63.3	60.2	4.8	8.7	24.6	28.0	30.8	...	...	...
Jordan	1997	6.6	5.3	...	2.2	2.3	60.8	67.3	67.6	13.3	11.6	25.9	21.1	18.6	...	...	...
Kenya	1999	5.4	4.7	...	1.9	2.3	82.6	83.6	75.3	6.0	6.2	11.3	10.2	12.8	...	...	...
Kuwait	1998	9.5	15.8	...	4.7	6.8	45.0	54.0	58.2	27.2	18.6	27.8	27.4	23.7	...	...	...
Lebanon	1998	...	19.8	...	...	6.2	...	...	59.3	...	...	...	...	...	...	...	...
Malawi	1998	8.3	8.2	...	1.0	1.4	57.8	51.1	51.6	5.2	12.2	...	...	...	...	...	...
Malaysia	1997	9.6	17.2	...	3.3	5.9	73.5	70.7	68.6	9.0	10.3	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	37.9	16.5	32.9	...	...	...
Mexico	1999	18.3	26.9	...	4.6	6.2	55.8	62.0	61.3	11.2	8.9	33.0	29.2	29.7	...	...	...
Morocco	1998	9.9	10.1	...	5.2	4.8	74.3	77.0	72.4	13.4	12.9	12.3	10.1	14.4	...	...	...
Oman	1999	...	11.9	...	...	5.3	...	...	46.7	...	...	...	...	...	...	...	...
Panama	1999	15.8	9.9	...	5.0	5.0	68.0	...	79.3	10.0	...	...	...	...	...	...	...
Puerto Rico	1999	...	...	...	22.2	21.5	72.1	67.3	69.6	18.1	15.8	9.8	16.9	19.5	...	...	...
Republic of Korea	1999	...	...	...	9.4	12.8	57.7	56.8	56.0	13.6	14.3	28.7	28.9	30.2	...	...	...
Saint Lucia	1997	...	...	...	...	...	...	...	71.9	...	...	...	...	...	...	...	...
Senegal	1997	14.0	6.5	...	5.2	1.4	70.3	70.6	74.1	11.1	6.5	18.6	22.8	20.4	...	...	...
Singapore	1999	25.7	35.4	...	10.9	16.0	66.2	66.2	64.6	14.8	15.0	20.0	19.8	19.4	...	...	...
Sri Lanka	1998	2.4	3.0	...	0.6	0.9	62.2	58.7	58.8	8.9	9.2	28.8	32.2	26.6	...	...	...
Turkey	1997	22.4	25.9	...	5.6	6.2	55.6	59.9	58.8	11.1	7.7	33.3	32.4	31.2	...	...	...
United Republic of Tanzania	1999	0.7	0.5	...	0.3	0.4	87.7	78.2	78.2	4.8	15.8	7.6	6.0	4.7	...	...	...
Uruguay	1997	9.8	16.0	...	3.0	7.3	52.8	48.9	55.7	14.6	19.4	32.7	31.7	24.1	...	...	...
Venezuela	1997	9.8	11.4	...	3.2	2.8	64.5	57.0	68.1	11.6	5.9	23.9	37.1	23.4	...	...	...
Yugoslavia	1999	...	5.7	...	...	0.9	...	...	50.8	...	...	...	...	...	...	...	...

a/ At current prices.

TABLE 1.11
SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year (LY)	Non-electrical machinery (382)												
		Value added per employee (current 1000 dollars)			Wages and salaries per employee (current 1000 dollars)			Costs of input materials and utilities			Percentage in output a/			
		1990	LY		1990	LY		1990	1995	LY	1990	1995	LY	
		1990	LY	1995	1990	LY	1995	1990	1995	LY	1990	1995	LY	
Industrialized countries b/														
Canada	1988	51.2	60.2	26.8	27.0	55.0	60.2	55.3	23.5	18.4	20.0	21.5	21.4	24.7
Denmark	1998	37.8		30.2	36.8	46.8			42.5			10.7		
France	1999	56.4	57.8	38.0	31.3	60.0	65.2	67.1	26.9		17.8	13.1		15.1
Germany	1999		59.0		39.6					25.7	26.0			12.8
Italy	1998	53.6	56.5	37.8	24.3	65.6		69.8	24.3		13.0	10.1		17.2
Japan	1999	90.0	97.1	31.1	45.2	57.9	63.0	64.4	14.6	11.4	16.6	27.6	25.6	19.0
Norway	1999	48.3	59.9	34.4	37.9	77.1			16.4			6.6		13.1
Portugal	1998	13.0	21.7	9.6	9.6	66.0	67.0	65.1			15.4	20.2		19.4
Spain	1999	41.1	43.5	20.6	22.9	59.5	63.9	65.4	20.3	19.6	18.2	25.1	16.5	16.4
United Kingdom	1999	53.7		24.4		54.0	67.8	65.3	20.9	17.6	20.0		14.6	14.8
United States of America	1999	70.2	115.8	30.0	39.9	48.3	50.5	52.3	22.1	19.2	16.4	29.6	30.2	31.2
Countries of eastern Europe and the former USSR														
Albania	1997				0.3									
Bulgaria	1998				1.3						20.2			
Czech Republic	1998		9.2	2.3	4.5			73.2			13.2			13.6
Lithuania	1999				2.7						33.8			
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	1999				0.5					14.8	13.0			
Developing countries														
Bangladesh	1997		1.5		0.6		60.9	65.3		9.5	13.8		29.6	20.9
Bolivia	1998	3.3	4.6	0.3	1.9	58.6	50.6	65.8				37.4	47.1	20.1
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	1999					71.1	72.9	73.1						
China (Hong Kong SAR)	1999	22.1	54.4	9.9	22.6	71.8	76.1	72.2	12.6	11.1	11.6	15.7	12.8	16.3
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)	1997	17.6	14.7	10.3	14.7	65.6	70.9		20.1	19.9		14.2	9.2	
Colombia	1999	7.8	14.0	1.8	3.7	65.2	53.8	48.7	8.2	12.2	13.6	26.7	33.9	37.7
Cote d'Ivoire	1997		11.7		8.4									
Cyprus	1999	17.6	26.1	9.5	12.9	58.5	54.7	52.0	22.5	27.7	23.7	19.1	17.6	24.4
Ecuador	1999		2.2	2.0	1.1	70.6	71.8	91.6	14.9	7.3	4.2	14.6	20.8	4.1
Egypt	1997	3.6	6.2	2.2	3.4	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	1999		1.1		0.5		52.5	51.2		27.6	20.8		19.9	27.9
Guatemala	1998				1.0					0.4	2.1			
India	1998	4.3	3.1	1.9	1.4	77.8	76.1	78.6	9.6	8.2	9.6	12.6	15.7	11.8

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

Country or area		Non-electrical machinery (382)															
		Value added per employee (current 1000 dollars)		Wages and salaries per employee (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	1990	1995	LY
Indonesia	1999	5.6	3.5	1.0	1.3	66.1	69.2	64.6	6.2	7.2	13.6	27.7	23.5	21.8			
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	1999	3.5	3.7	1.5	2.2	...	...	...	...	...	...	...	...	...
Kuwait	1998	4.0	9.7	3.2	6.1	40.5	37.8	48.0	47.5	35.5	32.5	12.0	26.7	19.5			
Lebanon	1998	...	22.8	...	5.1	...	...	58.7	...	...	9.3	...	...	...
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			
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			
Mexico	1999	22.5	28.0	5.7	6.6	53.0	61.5	70.3	11.9	8.0	7.0	35.1	30.5	22.7			
Morocco	1998	...	8.1	3.9	4.7	...	67.6	68.7	15.1	18.2	18.2	...	14.2	13.1			
Oman	1999	...	21.9	...	7.6	...	63.3	52.9	...	7.8	...	...	28.8	...	
Puerto Rico	1999	...	...	25.3	38.9	57.5	80.4	68.4	4.2	3.2	1.7	28.3	16.4	29.9	
Republic of Korea	1999	33.5	57.4	10.3	14.0	56.8	59.5	61.3	13.3	12.2	9.5	29.9	28.2	29.3			
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	1999	40.7	97.1	10.5	17.5	68.4	74.1	71.6	8.2	6.0	5.1	23.4	19.9	23.0			
Sri Lanka	1998	3.7	6.5	0.8	1.0	58.4	68.8	69.5	8.7	7.0	4.6	32.9	24.2	26.0			
Tunisia	1999	...	...	...	...	85.2	86.2	86.2	12.6	11.6	12.3	2.2	2.2	1.5
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			
United Republic of Tanzania	1999	1.2	1.8	0.4	0.4	69.4	69.2	69.2	9.7	6.2	6.7	21.0	24.6	24.1			
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	1997	12.6	18.0	3.5	2.8	57.9	58.1	64.0	11.8	6.4	5.5	30.3	35.5	30.5			
Yugoslavia	1999	...	4.1	...	0.9	...	45.1	46.0	...	19.3	11.6	...	35.6	42.5			

a/ At current prices.

TABLE 1.11
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)		Costs of input materials and utilities		Percentage in output a/					
		LY		LY		LY		LY		LY		LY	
		1990	1995	1990	1995	1990	1995	1990	1995	1990	1995	1990	1995
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	
Canada	1998	60.7	75.4	28.0	27.9	49.2	56.4	23.5	16.4	16.2	27.3	27.5	
Denmark	1998	41.8	...	31.2	34.0	49.7	55.5	37.5	...	...	12.8	...
Finland	1999	64.3	...	28.5	30.9	52.3	68.0	21.1	13.6	9.2	26.6	24.6	
France	1999	54.4	59.5	36.4	31.2	53.3	54.2	31.3	26.0	16.3	15.4	14.8	
Germany	1999	...	62.4	40.7	40.7	...	...	...	...	...	...	12.7
Italy	1998	56.3	50.7	37.2	22.7	61.8	68.6	25.2	14.0	14.0	12.9	17.3	
Japan	1999	73.4	94.3	25.5	41.1	60.3	63.6	13.8	13.2	14.6	25.9	18.8	
Norway	1999	46.1	68.4	31.9	40.0	65.6	64.0	23.8	21.4	20.8	10.6	15.4	
Portugal	1998	20.3	26.0	11.9	88.3	71.9	70.5	16.3	17.3	13.6	23.7	16.0	
Spain	1999	54.6	43.3	22.2	21.9	60.3	65.7	62.0	...	...	...	...
Switzerland	1997	64.9	...	...	...	...	...	...	...	...	...	...
United Kingdom	1999	43.8	...	22.1	...	53.5	64.1	23.5	18.4	19.5	23.0	18.1	
United States of America	1999	72.9	142.0	28.4	39.9	45.0	42.2	21.4	17.1	16.4	33.6	40.6	
Countries of eastern Europe and the former USSR													
Albania	1997	...	...	...	1.1	...	...	13.7	13.1	16.0	...	...
Bulgaria	1998	...	...	...	1.2	...	...	...	...	...	...	...
Czech Republic	1998	...	9.3	2.1	4.3	...	...	...	...	13.5	...	15.8
Lithuania	1999	...	...	...	3.2	...	70.7	...	...	17.6	...	...
Russian Federation	1998	...	2.9	...	1.1	...	...	...	10.5	18.3	...	41.1
Slovakia	1998	...	6.2	...	3.1	...	48.3	...	...	13.0	...	31.1
Ukraine	1999	...	...	1.8	0.4	...	...	17.8	12.8	14.4	...	12.9
Developing countries													
Bangladesh	1997	...	19.9	...	1.2	...	61.3	...	7.1	4.0	...	31.5	
Bolivia	1998	8.3	8.5	1.3	2.2	60.1	63.4	6.2	7.3	11.5	33.7	29.3	
Cameroon	1999	13.0	13.1	8.8	7.4	76.7	76.2	15.8	16.6	12.9	7.5	7.2	
Chile	1997	31.8	51.7	6.7	12.2	48.4	44.9	10.8	15.1	13.0	40.8	39.0	
China	1999	...	...	...	...	74.2	75.8	...	...	...	...	...
China (Hong Kong SAR)	1999	17.2	66.8	9.2	23.1	76.1	65.4	12.7	12.7	11.0	11.2	22.0	
China (Macao SAR)	1997	8.0	12.5	4.6	7.0	80.6	74.6	11.1	14.8	19.1	8.3	10.6	
China (Taiwan Province)	1997	18.5	...	9.6	15.2	70.3	75.1	15.3	13.3	14.4	14.4	11.5	
Colombia	1999	14.9	19.3	2.6	5.1	58.0	52.1	7.2	10.9	12.6	34.8	36.9	
Costa Rica	1999	...	...	3.4	5.4	74.8	63.8	...	...	...	...	...
Côte d'Ivoire	1997	...	27.0	...	10.3	64.0	64.0	...	10.7	13.7	...	25.3	
Cyprus	1999	17.0	21.6	9.2	12.4	64.1	64.0	19.4	23.2	24.0	16.5	13.1	
Ecuador	1999	7.8	5.3	2.8	1.8	71.1	75.4	10.5	4.7	5.0	18.4	19.9	

a/ At current prices.

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

TABLE 1.11
(continued)

Country or area		Electrical machinery (383)													
		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	1990	LY	Costs of input materials and utilities		Costs of labour		Operating surplus			
		1990	LY	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY	1990	LY
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
Ethiopia	1997	6.6	...	2.0	0.8	45.1	45.6	...	17.1	24.6	...	37.8	29.8	...	
Guatemala	1998	...	...	...	1.4	...	...	...	...	0.4	1.3	...	...	...
India	1998	5.2	6.5	1.9	1.7	77.4	77.3	76.9	8.4	7.5	6.0	14.2	15.1	17.0	
Indonesia	1999	6.7	7.8	0.9	1.3	71.3	70.6	65.7	3.9	6.6	5.9	24.7	22.8	28.4	
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	1999	18.4	18.0	2.7	3.7	...	...	...	...	...	...	...	...	...
Kuwait	1999	49.9	34.4	6.5	8.4	26.6	65.5	62.1	9.6	9.9	9.3	63.8	24.6	28.6	
Lebanon	1998	...	27.3	...	6.7	...	65.2	...	...	...	8.5	...	...	25.3
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	
Mauritius	1997	5.7	11.0	2.5	3.9	74.2	76.8	73.7	11.3	14.3	9.3	14.5	8.9	17.0	
Mexico	1999	16.2	26.9	4.1	6.8	45.9	55.2	59.9	13.8	9.4	10.1	40.3	35.4	30.0	
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	
Oman	1999	...	24.4	...	7.7	...	61.3	71.2	...	9.0	...	...	29.6	...
Puerto Rico	1999	...	...	26.2	29.2	61.4	69.6	67.5	12.4	8.7	10.5	26.2	21.7	21.9
Republic of Korea	1999	33.6	92.4	9.1	13.8	58.7	49.2	51.2	11.2	8.8	7.3	30.0	41.9	41.5	
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	1999	26.6	82.8	9.8	21.0	72.8	69.9	66.5	10.1	8.9	8.5	17.2	21.2	25.0	
Slovenia	1999	13.4	20.6	9.4	13.9	62.7	66.6	63.2	26.2	19.3	24.8	11.0	14.1	12.0	
Sri Lanka	1998	4.3	7.2	0.7	1.1	63.1	55.0	50.5	6.4	8.4	7.6	30.5	36.6	41.8	
Tunisia	1999	...	...	...	...	74.4	77.4	76.7	12.1	9.3	8.4	13.5	13.3	14.9
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	
United Republic of Tanzania	1999	2.4	3.6	0.3	0.3	73.1	72.9	72.9	3.4	2.2	2.3	23.6	24.9	24.8	
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	1997	14.8	21.1	4.3	4.1	58.6	57.9	67.4	12.1	5.6	6.3	29.4	36.4	26.3	
Yugoslavia	1999	...	6.9	...	1.1	...	57.9	59.5	...	9.1	6.5	...	33.1	34.0	

a/ At current prices.

TABLE 1.11 SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year (LY)	Transport equipment (384)						Percentage in output a/					
		Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Costs of input materials and utilities		Costs of labour		Operating surplus			
		1990	LY	1990	LY	1990	LY	1990	LY	1990	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	
Canada	1998	69.3	92.5	31.8	31.8	75.1	71.5	11.4	8.7	9.8	13.4	18.7	
Denmark	1998	43.6	30.1	30.1	35.0	56.7	68.7	29.9	21.8	19.6	13.4	11.7	
Finland	1999	50.7	43.9	30.8	27.5	63.6	66.2	22.1	21.8	19.6	14.3	11.8	
France	1999	53.4	72.9	35.2	31.2	68.8	79.4	20.6	20.7	18.2	10.6	8.7	
Germany	1999	...	65.0	44.0	44.0	...	73.1	25.7	20.7	18.2	6.0	12.3	
Italy	1998	45.4	48.8	36.8	24.3	68.3	75.4	9.7	9.8	11.1	20.0	17.3	
Japan	1999	102.9	129.6	33.7	50.8	70.3	71.6	21.6	24.8	20.3	9.3	8.9	
Norway	1999	43.2	54.6	30.2	38.2	69.2	71.0	13.3	12.2	10.5	15.9	13.7	
Portugal	1998	14.8	35.2	13.2	13.2	76.2	78.1	17.4	16.2	16.7	21.6	14.9	
Spain	1999	51.2	51.5	23.3	24.3	70.8	77.8	13.3	12.2	10.5	15.9	11.8	
United Kingdom	1999	54.2	...	25.9	...	58.7	70.8	19.7	16.2	16.7	21.6	14.9	
United States of America	1999	80.5	144.4	35.1	46.4	60.0	62.4	17.4	14.4	12.7	22.6	23.3	
Countries of eastern Europe and the former USSR													
Bulgaria	1998	...	...	2.2	1.7	...	...	12.4	18.4	16.8	...	...
Czech Republic	1998	...	13.6	5.1	5.1	...	78.8	...	...	7.9	...	13.3
Latvia	1999	...	5.0	2.4	2.4	...	55.2	...	...	21.9	...	22.9
Lithuania	1999	...	...	...	3.8	...	...	...	...	...	...	...
Russian Federation	1998	...	3.4	...	1.5	...	82.3	...	13.6	13.3	...	4.1	
Slovakia	1998	...	10.4	...	3.9	...	87.6	...	12.1	19.1	...	7.8	
Ukraine	1999	...	...	...	0.5	...	...	...	...	...	...	...
Developing countries													
Bangladesh	1997	...	11.7	...	1.0	...	64.3	...	...	3.1	...	32.5
Bolivia	1998	5.5	5.9	1.6	2.5	54.6	66.7	13.4	...	14.3	31.9	19.0	
Cameroon	1999	10.0	31.7	8.4	5.6	77.2	52.9	19.2	...	8.3	3.6	38.9	
Chile	1997	17.9	44.0	4.2	10.4	64.5	61.6	8.3	9.6	9.1	27.2	29.4	
China	1999	...	...	...	...	73.8	74.4	...	...	...	...	...
China (Hong Kong SAR)	1999	24.2	39.9	15.4	28.8	38.1	52.2	39.5	40.4	34.5	22.4	13.3	
China (Taiwan Province)	1997	30.1	...	12.4	17.5	67.4	67.3	13.5	14.6	18.1	19.1	18.1	
Colombia	1999	17.5	16.2	2.7	5.0	71.5	70.9	4.4	5.8	9.3	24.1	20.4	
Côte d'Ivoire	1997	21.1	21.1	12.4	12.4	8.9	67.7	23.0	17.9	19.0	22.7	13.3	
Cyprus	1999	20.5	23.2	10.3	12.5	54.3	51.1	23.0	27.1	26.3	22.7	22.5	
Ecuador	1999	10.1	12.2	3.0	2.2	84.9	79.0	4.5	2.4	3.7	10.6	17.3	
Egypt	1997	3.8	7.7	2.0	2.7	62.5	72.1	19.7	13.9	8.6	17.8	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	...

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

Country or area		Transport equipment (384)												
		Latest year (LY)		Value added per employee (current 1000 dollars)		Wages and salaries per employee (current 1000 dollars)		Costs of input materials and utilities			Percentage in output a/			
		1990	LY	1990	LY	1990	1995	LY	1990	1995	LY	1990	1995	LY
Guatemala	1998	3.7	3.8	1.9	0.8	75.6	76.1	81.1	12.5	10.1	0.9	11.9	13.8	2.4
India	1998	12.0	18.6	1.1	1.8	60.4	57.3	45.0	3.6	4.3	10.1	36.0	38.3	8.6
Indonesia	1999	7.1	10.6	2.6	1.6	70.2	71.8	65.4	10.7	7.3	4.3	19.1	20.8	4.6
Jordan	1997	...	22.9	...	3.3	10.6	64.6	63.0	...	19.7	17.1	...	15.7	10.8
Kuwait	1998	...	5.9	...	4.7	4.7	...	77.6	...	...	17.6	...	...	19.9
Lebanon	1998	19.7	29.4	3.7	6.5	71.0	77.2	73.0	5.5	5.7	5.7	23.6	17.1	4.8
Malaysia	1997	7.9	11.5	2.2	3.9	52.1	45.7	39.2	13.1	25.9	6.0	34.8	28.4	21.0
Mauritius	1997	29.6	61.4	5.6	8.4	70.2	69.7	70.7	5.6	4.0	4.0	24.2	26.3	40.2
Mexico	1999	15.8	15.7	6.4	6.2	72.8	68.9	67.1	10.9	14.6	13.1	16.3	16.5	25.3
Morocco	1998	...	7.9	...	4.3	4.3	...	41.6	...	29.8	...	...	24.0	19.8
Qatar	1999	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerto Rico	1999	42.2	75.6	22.9	19.8	50.5	50.4	54.3	15.8	14.6	17.4	33.7	34.9	28.3
Republic of Korea	1999	15.3	9.2	13.6	17.2	63.4	60.6	59.6	11.8	12.1	9.2	24.8	27.3	31.2
Senegal	1997	...	...	6.4	6.2	41.4	62.8	55.6	24.6	20.8	30.1	34.1	16.4	14.3
Singapore	1999	34.1	45.3	13.3	20.8	57.4	55.5	53.9	16.6	21.8	21.2	25.9	22.6	24.9
Slovenia	1999	12.8	20.5	9.5	13.7	75.4	83.3	85.7	18.2	8.6	8.6	6.4	8.1	4.8
Sri Lanka	1998	3.6	6.2	1.0	1.4	53.1	59.3	53.2	13.2	12.4	10.8	33.8	28.3	36.0
Tunisia	1999	...	...	...	...	72.4	72.3	72.9	13.0	12.3	12.1	14.5	15.4	15.0
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	1997	11.9	45.2	4.4	2.6	74.4	56.9	69.6	9.6	1.9	1.8	16.1	41.2	28.6
Yugoslavia	1999	...	3.4	...	1.0	...	43.7	45.5	...	17.0	15.0	...	39.4	39.5

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	Fiji	2001	New Zealand	2001
Algeria	2001	Gabon	1998	Niger	2001
Angola	1997	Gambia	1999	Pakistan	2001
Aruba	2000	Ghana	1996	Paraguay	2000
Bahrain	1996	Greece	2000	Qatar	1997
Barbados	2001	Grenada	1999	Saint Lucia	2001
Belgium	2000	Guatemala	2001	Saudi Arabia	1995
Belize	1995	Haiti	2001	Senegal	2001
Benin	1996	Honduras	1999	Sierra Leone	1996
Bosnia and Herzegovina	1999	Iceland	2000	Slovakia	2001
Burkina Faso	2001	Iraq	2001	Solomon Islands	1999
Burundi	1995	Ireland	2001	South Africa	2001
Cambodia	1999	Jamaica	1999	Suriname	1996
Cape Verde	2000	Jordan	2000	Swaziland	1999
Central African Republic	1998	Kazakhstan	2001	Syrian Arab Republic	2001
Chad	1998	Lesotho	2000	Tonga	2000
Chile	2001	Liechtenstein	1998	Turkey	2000
Cook Islands	1999	Luxembourg	2001	Uruguay	2001
Côte d'Ivoire	2000	Malawi	2001	Viet Nam	2001
Dominican Republic	2000	Malaysia	2001	Yemen	1999
Egypt	2001	Mozambique	2001	Zambia	1997
El Salvador	2001	Namibia	1998	Zimbabwe	1999
Eritrea	2001	Nepal	1999		

ALBANIA

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

ISIC Revision 3	Number of enterprises (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million LEKS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
ISIC Industry															
3000 Office, accounting and computing machinery			60k/	42k/	1084k/			1518k/	257.6k/	192.0k/					
3110 Electric motors, generators and transformers			..k/	..k/	..k/			..k/	..k/	..k/					
3120 Electricity distribution & control apparatus			..k/	..k/	..k/			..k/	..k/	..k/					
3130 Insulated wire and cable			..k/	..k/	..k/			..k/	..k/	..k/					
3140 Accumulators, primary cells and batteries			..k/	..k/	..k/			..k/	..k/	..k/					
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.			..	..	..			..	..	..
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/			..e/	..e/	..e/					
369 Manufacturing n.e.c.			21	272	158			158	22.6	138.0					
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	m/		3585	3649	30813	m/		37264	5172.6	4594.0					

m/ Sum of available data.
 k/ 5000 includes 3110, 3120, 3130, 3140, 3150 and 3190.
 j/ 2710 includes 2699, 2720, 273, 2811 and 2812.
 i/ 2610 includes 2699.
 h/ 241 includes 2421, 2422 and 2423.
 g/ 2310 includes 2320 and 2330.
 f/ 210 includes 2211 and 2212.
 e/ 2010 includes 202 and 3610.
 d/ 171 includes 172, 1730, 1810 and 1820.
 c/ 1533 includes 154.
 b/ 1531 includes 1532.
 a/ 1511 includes 1512.

Albania

ISIC Industry	Output in producers' prices				Value added				Gross fixed capital formation	
	(million LEKS)				(thousand LEKS)				(thousand LEKS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		...	...	1035.3a/	1081.0a/		...	...	...	...
1511 Processing/preserving of meat		...	...	...	...		...	...	...	...
1512 Processing/preserving of fish		...	...	662.2	77.0		...	...	...	...
1513 Processing/preserving of fruit & vegetables		...	...	184.4	250.0		...	...	...	...
1514 Vegetable and animal oils and fats		...	...	436.0	359.0		...	...	...	...
1520 Dairy products		...	...	...	...		...	...	...	...
153 Grain mill products; starches; animal feeds		...	...	488.3b/	417.0b/		...	...	...	...
1531 Grain mill products		...	...	...	...		...	...	...	...
1532 Starches and starch products		...	...	2731.8c/	4449.0c/		...	...	...	...
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.		...	...	2883.8	3650.0		...	...	...	...
155 Beverages		...	...	...	...		...	...	...	...
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...
1552 Wines		...	...	...	...		...	...	...	...
1553 Malt liquors and malt		...	...	...	...		...	...	...	...
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...
1600 Tobacco products		...	...	1180.4	977.0		...	...	...	...
171 Spinning, weaving and finishing of textiles		...	...	3696.3d/	3235.0d/		...	...	...	...
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	3683.0		...	...	...	...
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...
1920 Footwear		...	...	...	...		...	...	...	...
2010 Sawmilling and planing of wood		...	...	3021.7e/	1436.0e/		...	...	...	...
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		...	...	2275.6f/	2195.0f/		...	...	...	...
210 Paper and paper products		...	...	...	...		...	...	...	...
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...
221 Publishing of books and other publications		...	...	...	...		...	...	...	...
2211 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...
2212 Publishing of recorded media		...	...	...	...		...	...	...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...
2219 Other publishing		...	...	...	...		...	...	...	...

continued

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/	874.0k/	...	...	...	...	...	...
3110 Electric motors, generators and transformers	...	...k/	...k/	...	...	...	...	...	...
3120 Electricity distribution & control apparatus	...	...k/	...k/	...	...	...	...	...	...
3130 Insulated wire and cable	...	...k/	...k/	...	...	...	...	...	...
3140 Accumulators, primary cells and batteries	...	...k/	...k/	...	...	...	...	...	...
3150 Lighting equipment and electric lamps	...	...k/	...k/	...	...	...	...	...	...
3190 Other electrical equipment n.e.c.	...	...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	...	...	...	...	...	...	...	...	...
369 Manufacturing n.e.c.	...	135.4	2100.0	...	...	...	...	...	...
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	...	38677.4	39879.0	...	...	...	...	...	...

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.
l/ Sum of available data.

ARGENTINA

<p>Supplier of information: Instituto Nacional de Estadística y Censos (INDEC), Buenos Aires.</p> <p>Basic source of data: Annual industrial survey.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Establishments with 10 or more employees.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications: 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 Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	(numbers)				(numbers)				(million PESOS)						
	Note	1994	1995	1996	1997	Note	1994	1995	1996	1997	Note	1994	1995	1996	1997
ISIC Industry															
151 Processed meat, fish, fruit, vegetables, fats	72081	71043	68359	72900			739.3	750.8	713.7	690.0
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	19262			283.0	257.2	234.1	258.0
153 Grain mill products	12131	11459	11231	11718			157.4	158.9	158.7	153.6
1531 Grain mill products
1532 Starches and starch products
1533 Prepared animal feeds
154 Other food products	62844	62095	62606	67790			595.7	634.3	649.4	664.6
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	40505			512.3	509.0	540.6	499.8
1551 Distilling, rectifying & blending of spirits
1552 Wines
1553 Malt liquors and malt
1554 Soft drinks; mineral waters
1600 Tobacco products	4395	4370	4119	5506			112.5	126.4	102.1	101.8
171 Spinning, weaving and finishing of textiles	31346	29816	31703	30508			262.7	255.0	281.9	280.5
1711 Textile fibre preparation; textile weaving
1712 Finishing of textiles
172 Other textiles	9303	9516	10217	9782			98.7	92.6	108.4	111.6
1721 Made-up textile articles, except apparel
1722 Carpets and rugs
1723 Cordage, rope, twine and netting
1729 Other textiles n.e.c.	8591	7853	7715	12128			73.5	71.3	71.4	93.2
1730 Knitted and crocheted fabrics and articles
1810 Wearing apparel, except fur apparel	28679	24598	23927	35778			177.5	155.6	144.5	236.2
1820 Dressing & dyeing of fur; processing of fur	a/	a/	..	..	..	..
191 Tanning, dressing and processing of leather	13006	13979	15028	13357			120.1	147.1	137.6	131.1
1911 Tanning and dressing of leather
1912 Luggage, handbags, etc.; saddlery & harness
1920 Footwear	21171	18922	18617	20904			178.3	147.5	134.8	160.3
2010 Sawmilling and planing of wood	12923	12234	13015	17710			78.5	80.8	91.6	108.4
202 Products of wood, cork, straw, etc.	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	28666			291.5	300.3	293.0	367.6
2101 Pulp, paper and paperboard
2102 Corrugated paper and paperboard
2109 Other articles of paper and paperboard
221 Publishing	15340	14408	13548	15091			375.4	344.4	318.9	349.1
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	13144	12672	12212	17833	c/	183.9	202.8	198.6	249.2
2221 Printing	.....	.....	.....	.....	.....	.....	.....	.....	.....
2222 Service activities related to printing	.....	.....	.....	.....	.....	.....	.....	.....	.....
2230 Reproduction of recorded media	.....	.....	.....	.....	.....	.....	.....	.....	.....
2310 Coke oven products	1217	521	487	169	d/	23.4	8.7	6.7	4.5
2320 Refined petroleum products	5088	4866	4884	4312	d/	155.4	159.4	135.3	160.6
2330 Processing of nuclear fuel	.....	.....	.....	.....	.....	.....	.....	.....	.....
241 Basic chemicals	14371	13830	10766	12242	e/	235.7	229.7	256.5	226.8
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	42925	41550	39632	44147	e/	857.5	877.0	891.4	925.7
2423 Pharmaceuticals, medicinal chemicals, etc.	.....	.....	.....	.....	f/	.....	.....	.....	.....
2424 Soap, cleaning & cosmetic preparations	.....	.....	.....	.....	f/	.....	.....	.....	.....
2429 Other chemical products n.e.c.	2209	2198	2638	2984	f/	32.9	33.7	34.9	54.5
2430 Man-made fibres	.....	.....	.....	.....	.....	.....	.....	.....	.....
251 Rubber products	8742	8368	8747	11854	.....	137.5	134.0	131.9	184.1
2511 Rubber tyres and tubes	.....	.....	.....	.....	.....	.....	.....	.....	.....
2519 Other rubber products	.....	.....	.....	.....	.....	.....	.....	.....	.....
2520 Plastic products	23377	22010	23296	31534	.....	285.1	285.0	284.7	351.3
2610 Glass and glass products	.....	.....	.....	.....	.....	.....	.....	.....	.....
269 Non-metallic mineral products n.e.c.	7270	7144	6984	7020	.....	107.3	104.0	114.5	114.1
2691 Pottery, china and earthenware	27850	24622	22635	29848	.....	335.4	304.3	300.9	330.1
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	19191	.....	331.7	355.7	387.0	401.4
2720 Basic precious and non-ferrous metals	3376	3266	3046	3767	.....	75.7	75.7	65.8	72.7
2730 Casting of metals	9013	9069	9788	10048	.....	87.2	91.3	94.0	86.3
2731 Casting of iron and steel	.....	.....	.....	.....	.....	.....	.....	.....	.....
2732 Casting of non-ferrous metals	.....	.....	.....	.....	.....	.....	.....	.....	.....
281 Struct. metal products; tanks; steam generators	12268	11959	12532	12938	.....	79.2	121.9	121.1	104.2
2811 Structural metal products	.....	.....	.....	.....	.....	.....	.....	.....	.....
2812 Tanks, reservoirs and containers of metal	.....	.....	.....	.....	.....	.....	.....	.....	.....
2813 Steam generators	.....	.....	.....	.....	.....	.....	.....	.....	.....
289 Other metal products; metal working services	26782	25941	25761	36777	.....	325.7	335.9	353.9	411.0
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	18208	.....	180.3	189.4	199.9	238.5
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	16830	16584	16085	19146	.....	177.8	173.0	172.1	203.1
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.	11669	10545	9791	8580	.....	153.9	136.6	114.8	108.2

continued

Argentina

ISIC Industry	Number of establishments			Number of employees			Wages and salaries paid to employees (million PESOS)						
	Note	(numbers)			Note	(numbers)			Note	(million PESOS)			
		1994	1995	1996		1997	1994	1995		1996	1997		
3000 Office, accounting and computing machinery			683	560	601	253	15.4	9.7	11.3	2.1
3110 Electric motors, generators and transformers			7661	7497	7311	7989	65.0	79.3	74.1	91.4
3120 Electricity distribution & control apparatus		g/	...	...	...	...	...	...	...	...
3130 Insulated wire and cable		g/	3741	3537	3434	2854	60.6	55.6	54.2	43.6
3140 Accumulators, primary cells and batteries		h/	12105	10647	10411	9944	155.3	123.5	129.2	116.6
3150 Lighting equipment and electric lamps		h/	...	...	...	...	...	...	...	...
3190 Other electrical equipment n.e.c.		h/	...	...	...	...	...	...	...	...
3210 Electronic valves, tubes, etc.		1/	4957	4329	4463	3663	94.2	94.0	88.0	70.0
3220 TV/radio transmitters; line comm. apparatus		1/	4066	3354	3496	3663	76.7	66.3	68.7	52.8
3230 TV and radio receivers and associated goods			5193	5442	5321	6508	61.6	66.8	64.2	72.9
331 Medical, measuring, testing appliances, etc.		J/	...	...	...	...	...	...	...	...
3311 Medical and orthopaedic equipment	
3312 Measuring/testing/navigating appliances, etc.	
3313 Industrial process control equipment		J/	...	...	...	...	...	...	...	...
3320 Optical instruments & photographic equipment		J/	...	...	...	...	...	...	...	...
3330 Watches and clocks		J/	...	...	...	...	...	...	...	...
3410 Motor vehicles			23996	22596	21023	21993	526.6	465.7	452.3	430.7
3420 Automobile bodies, trailers & semi-trailers			5198	4689	4760	4326	45.5	39.6	46.3	39.9
3430 Parts/accessories for automobiles			30599	28473	27056	25506	434.0	370.4	355.6	311.6
351 Building and repairing of ships and boats			2333	2394	2364	3000	30.6	34.4	38.6	36.7
3511 Building and repairing of ships	
3512 Building/repairing of pleasure/sport boats		k/	916	1513	2468	2112	9.1	21.2	36.9	35.5
3520 Railway/tramway locomotives & rolling stock		k/	2944	2327	2011	2578	31.1	31.5	22.9	21.8
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			10296	9859	10226	14580	84.8	95.0	88.0	103.2
369 Jewellery and related articles			4525	4458	4373	4631	40.8	38.8	42.7	44.0
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	807821	9553.8	9440.9	9417.7	9966.0

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 Industry	Output in producers' prices (million PESOS)					Value added in producers' prices (million PESOS)					Gross fixed capital formation (million PESOS)		
	Note	1994	1995	1996	1997	Note	1994	1995	1996	1997	Note	1996	1997
		1994	1995	1996	1997		1994	1995	1996	1997			
151 Processed meat, fish, fruit, vegetables, fats		10222.5	10549.6	11367.9	14745.0		2109.6	1843.4	1816.4	2361.1		...	...
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	4145.8		826.1	908.6	1012.3	1087.2		...	...
1521 Grain mill products		1918.9	2239.9	2785.4	2345.5		509.3	538.2	507.2	471.9		...	...
153 Grain mill products; starches; animal feeds		...	...	...	...		...	...	...	...		...	...
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...
1533 Prepared animal feeds		...	...	...	...		...	...	...	...		...	...
154 Other food products		4845.0	5221.1	5332.9	5798.4		1943.1	2315.8	2111.5	2679.6		...	...
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	5661.2		2284.8	2186.6	2159.8	2268.1		...	...
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	950.2		1988.4	1934.6	2042.2	394.2		...	...
171 Spinning, weaving and finishing of textiles		2416.6	2413.7	2632.0	2741.6		890.4	724.6	810.8	827.3		...	...
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...		...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...
172 Other textiles		577.9	490.8	565.5	675.0		277.7	192.8	178.5	269.7		...	...
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	851.9		208.7	153.5	202.2	300.5		...	...
1810 Wearing apparel, except fur apparel	a/	1460.2	1201.3	1236.1	1855.4		577.5	463.9	463.7	744.8		...	...
1820 Dressing & dyeing of fur; processing of fur	a/	...	...	...	...		...	...	...	...		...	...
191 Tanning, dressing and processing of leather		1319.6	1481.7	1486.7	1535.6		278.8	371.5	340.6	361.3		...	...
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...		...	...
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...	...
1920 Footwear		1125.3	908.6	920.4	907.7		431.3	385.1	342.4	404.7		...	...
2010 Sawmilling and planing of wood	b/	544.9	519.8	559.8	732.5		232.6	206.2	219.3	298.4		...	...
202 Products of wood, cork, straw, etc.	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	3407.6		857.6	980.4	852.1	1077.0		...	...
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...	...
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...
221 Publishing of books and other publications		1930.1	1831.1	1786.7	2094.4		930.2	830.7	837.7	1093.9		...	...
2211 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...

continued

Argentina

ISIC Industry	ISIC Revision 3					Value added in producers' prices					Gross fixed capital formation		
	(million PESOS)					(million PESOS)					(million PESOS)		
	Note	1994	1995	1996	1997	Note	1994	1995	1996	1997	Note	1996	1997
222 Printing and related service activities	c/	1103.1	1260.9	1291.8	1619.3	c/	454.4	519.5	511.2	719.0		...	...
2221 Printing		...	...	...	...		...	...	...	...		...	...
2222 Service activities related to printing		...	...	...	...		...	...	...	...		...	...
2230 Reproduction of recorded media	c/	...	...	...	...	c/	...	...	...	...		...	...
2310 Coke oven products	d/	76.8	95.1	114.5	56.4	d/	27.9	47.9	50.5	26.0		...	...
2320 Refined petroleum products	d/	7372.2	7439.5	7960.2	6141.5	d/	3831.2	3789.3	3761.5	1507.5		...	...
2330 Processing of nuclear fuel	e/	3047.3	3429.2	3688.7	2911.0	e/	1110.5	1294.5	1320.5	969.1		...	...
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	e/	7444.2	7379.5	7822.6	8689.6	e/	3355.6	3376.1	3483.8	4184.2		...	...
2422 Paints, varnishes, printing ink and mastics	f/	...	...	...	...	f/	...	...	...	...		...	...
2423 Pharmaceuticals, medicinal chemicals, etc.	f/	...	...	...	...	f/	...	...	...	...		...	...
2424 Soap, cleaning & cosmetic preparations	f/	...	...	...	...	f/	...	...	...	...		...	...
2429 Other chemical products n.e.c.	f/	...	...	...	...	f/	...	...	...	...		...	...
2430 Man-made fibres		284.1	272.2	288.8	474.4		108.5	96.4	99.7	200.8		...	...
251 Rubber products		669.5	669.5	774.1	878.6		288.9	279.6	322.3	391.3		...	...
2511 Rubber tyres and tubes		...	...	...	...		...	...	...	...		...	...
2519 Other rubber products		2013.8	2109.4	2260.9	2890.2		763.7	755.5	815.9	1052.5		...	...
2520 Plastic products		545.7	485.7	559.2	616.5		263.2	236.1	280.2	308.2		...	...
2610 Glass and glass products		2251.4	2037.2	2218.2	2274.7		1110.2	977.3	1102.2	1136.9		...	...
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		3142.2	3500.6	3869.3	4469.1		910.1	997.2	1110.0	1378.3		...	...
2720 Basic precious and non-ferrous metals		704.6	791.3	692.6	836.8		177.1	196.4	165.1	246.6		...	...
273 Casting of metals		720.2	687.6	818.1	501.9		257.5	280.2	286.0	203.8		...	...
2731 Casting of iron and steel		...	...	...	...		...	...	...	...		...	...
2732 Casting of non-ferrous metals		...	...	...	...		...	...	...	...		...	...
281 Struct metal products; tanks; steam generators		632.1	597.9	623.5	793.7		212.6	188.4	247.2	281.8		...	...
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	2833.1		764.9	679.2	711.4	1175.4		...	...
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	1704.2		523.1	446.4	576.2	683.3		...	...
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	1422.5	410.1	334.7	391.3	546.8	...
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	1113.7	889.0	1003.6	986.9	396.0	273.3	326.6	338.0	...
2930 Domestic appliances n.e.c.	...	...	...	...	...	...	...	...	...
3000 Office, accounting and computing machinery	209.8	90.1	84.0	59.5	75.6	33.8	38.4	11.0	...
3110 Electric motors, generators and transformers	425.2	412.2	475.6	475.7	204.8	188.7	231.4	237.5	...
3120 Electricity distribution & control apparatus	454.6	457.2	435.4	554.4	102.0	139.9	107.1	110.3	...
3130 Insulated wire and cable	1008.6	694.7	712.4	758.3	399.9	236.1	281.5	267.8	...
3140 Accumulators, primary cells and batteries	...	...	...	...	...	...	...	...	...
3150 Lighting equipment and electric lamps	...	...	...	...	...	...	...	...	...
3190 Other electrical equipment n.e.c.	...	...	...	...	...	...	...	...	...
3210 Electronic valves, tubes, etc.	692.2	670.1	518.0	584.1	274.8	246.0	237.8	256.6	...
3220 TV/radio transmitters; line comm. apparatus	854.4	514.4	568.1	652.0	292.5	143.9	160.2	174.9	...
3230 TV and radio receivers and associated goods	353.4	319.0	304.0	412.8	137.7	141.0	114.1	180.6	...
3311 Medical, measuring, testing appliances, etc.	...	...	...	...	...	...	...	...	...
3312 Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...
3313 Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...
3314 Industrial process control equipment	...	...	...	...	...	...	...	...	...
3320 Optical instruments & photographic equipment	...	...	...	...	...	...	...	...	...
3330 Watches and clocks	...	...	...	...	...	...	...	...	...
3410 Motor vehicles	6536.2	4629.2	5480.2	6771.3	1467.2	878.3	954.8	1379.1	...
3420 Automobile bodies, trailers & semi-trailers	290.1	203.7	237.7	323.1	81.4	55.2	59.1	108.3	...
3430 Parts/accessories for automobiles	2351.2	1961.1	2168.9	1875.7	882.1	658.7	822.9	686.2	...
3511 Building and repairing of ships and boats	101.4	122.1	110.9	163.2	40.9	45.2	34.6	88.0	...
3512 Building and repairing of ships	...	...	...	...	...	...	...	...	...
3520 Railway/tramway locomotives/sport. boats	50.3	83.8	146.2	144.0	22.9	40.4	56.0	78.3	...
3530 Aircraft and spacecraft	280.5	155.0	182.4	183.0	87.5	44.5	86.4	57.9	...
3591 Motorcycles	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...
3610 Furniture	599.2	536.9	580.8	854.5	229.0	249.6	216.6	309.1	...
3691 Jewellery and related articles	338.3	273.4	263.0	267.4	170.3	127.1	134.4	126.3	...
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	103558.0	33798.1	32052.3	33003.6	34362.8	...

a/ 1810 includes 1820.

b/ 2010 includes 202.

c/ 222 includes 230.

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 Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
	Note														
15	Food and beverages	...	...	100	113	124	125	134	136	137	144	149	150
16	Tobacco products	...	...	100	104	111	116	119	119	119	119	164	169
17	Textiles	...	...	100	110	110	95	98	94	101	96	84	70
18	Wearing apparel, fur	...	...	100	107	129	111	118	103	114	112	103	88
19	Leather, leather products and footwear	...	...	100	123	133	133	145	125	152	163	150	139
20	Wood products (excl. furniture)	...	...	100	111	107	125	137	99	103	148	152	132
21	Paper and paper products	...	...	100	112	129	131	146	154	158	156	146	147
22	Printing and publishing	...	...	100	122	166	195	196	156	172	203	200	187
23	Coke, refined petroleum products, nuclear fuel	...	...	100	106	110	111	109	102	104	114	119	120
24	Chemicals and chemical products	...	...	100	103	117	123	130	127	135	145	151	146
25	Rubber and plastics products	...	...	100	128	147	164	183	153	181	202	196	175
26	Non-metallic mineral products	...	...	100	114	131	142	145	125	127	142	141	133
27	Basic metals	...	...	100	88	86	90	99	105	117	130	132	114
28	Fabricated metal products	...	...	100	114	126	135	137	120	124	125	126	102
29	Machinery and equipment n.e.c.	...	...	100	93	102	106	105	104	112	118	119	95
30	Office, accounting and computing machinery	...	...	100	130	121	83	54	46	40	53	54	74
31	Electrical machinery and apparatus	...	...	100	111	108	113	102	93	97	107	109	91
32	Radio, television and communication equipment	...	...	100	134	225	215	191	134	212	248	271	241
33	Medical, precision and optical instruments	...	...	100	106	93	75	66	55	52	70	63	55
34	Motor vehicles, trailers, semi-trailers	...	...	100	125	211	258	291	217	241	325	344	243
35	Other transport equipment	...	...	100	109	126	96	99	89	91	104	129	98
36	Furniture; manufacturing n.e.c.	...	...	100	121	151	169	168	142	160	210	218	174
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	100	110	124	129	135	125	133	146	149	136

ARMENIA

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

ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)			Note	(numbers)			Note	(million DRAMS)					
		1996	1997	1998		1999	1996	1997		1998	1999	1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
311/2 Food products		114	121	191	231		18835	15234	15994	...		2574	2520	2755	...
313 Beverages		44	49	61	94		...	...	...	...		...	...	...	...
314 Tobacco		4	5	5	5		...	...	...	...		...	...	...	...
321 Textiles		75	59	65	67		20925	16739	13760	...		514	373	1040	...
322 Wearing apparel, except footwear		51	45	61	63		15971	9600	9818	...		377	489	1025	...
323 Leather and fur products		2	2	3	2		...	...	...	...		...	...	...	...
324 Footwear, except rubber or plastic		31	26	22	23		...	...	...	...		...	...	...	...
331 Wood products, except furniture		22	22	21	26		...	...	...	...		...	...	...	...
332 Furniture and fixtures, excl. metal		19	17	18	19		...	...	...	...		...	...	...	...
341 Paper and products		3	5	6	5		...	...	...	...		...	...	...	...
342 Printing and publishing		44	38	48	58		...	...	...	...		...	...	...	...
351 Industrial chemicals		8	8	9	12		...	...	...	...		...	...	...	...
352 Other chemicals		6	7	10	12		...	...	...	...		...	...	...	...
353 Petroleum refineries		-	-	-	-		...	...	...	...		...	...	...	...
354 Misc. petroleum and coal products		-	-	-	-		...	...	...	...		...	...	...	...
355 Rubber products		3	3	3	3		...	...	...	...		...	...	...	...
356 Plastic products		14	14	20	19		...	...	...	...		...	...	...	...
361 Pottery, china, earthenware		3	3	5	7		...	...	...	...		...	...	...	...
362 Glass and products		7	8	8	10		...	...	...	...		...	...	...	...
369 Other non-metallic mineral products		38	53	69	88		...	...	...	...		...	...	...	...
371 Iron and steel		2	4	2	3		...	...	...	...		...	...	...	...
372 Non-ferrous metals		2	3	5	6		...	...	...	...		...	...	...	...
381 Fabricated metal products		52	50	58	62		...	...	...	...		...	...	...	...
382 Non-electrical machinery		77	77	90	95		...	...	...	...		...	...	...	...
383 Electrical machinery		34	34	43	35		...	...	...	...		...	...	...	...
384 Transport equipment		2	2	6	6		...	...	...	...		...	...	...	...
385 Professional and scientific equipment		17	13	20	20		...	...	...	...		...	...	...	...
390 Other manufacturing industries		65	66	61	59		...	...	...	...		...	...	...	...
3 Total manufacturing		739	734	910	1030		211453	180899	165342	...		22176	22978	26432	...

Armenia

ISIC Industry	Output in producers' prices (million DRAMS)				Value added (million DRAMS)				Gross fixed capital formation (million DRAMS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note					Note				
ISIC Revision 2										
311/2 Food products		96027	102386	93049	95941		17353	...	17353	21792
313 Beverages		5105	13497	15173	14771		15065	...	15065	19035
314 Tobacco		178	2193	5718	11175		1630	...	1630	2063
321 Textiles		2675	1050	1691	1262		4152	...	4152	4859
322 Wearing apparel, except footwear		2829	8667	8635	2272		1404	...	1404	1304
323 Leather and fur products		54	24	58	16		378	...	378	377
324 Footwear, except rubber or plastic		801	364	564	172		1736	...	1736	1605
331 Wood products, except furniture		364	1905	385	333		1167	...	1167	1244
332 Furniture and fixtures, excl. metal		396	332	335	302		398	...	398	476
341 Paper and products		78	79	100	261		773	...	773	726
342 Printing and publishing		960	1272	1798	3259		2882	...	2882	3046
351 Industrial chemicals		6295	7356	5140	6738		2134	...	2134	2263
352 Other chemicals		2279	1220	1849	977		1626	...	1626	2098
353 Petroleum refineries		-	-	-	-		-	...	-	-
354 Misc. petroleum and coal products		-	-	-	-		-	...	-	-
355 Rubber products		856	78	257	110		374	...	374	371
356 Plastic products		385	308	985	527		654	...	654	690
361 Pottery, china, earthenware		63	26	11	17		189	...	189	307
362 Glass and products		331	891	971	681		574	...	574	507
369 Other non-metallic mineral products		6730	8901	8939	8772		6453	...	6453	9517
371 Iron and steel		62	246	335	343		693	...	693	686
372 Non-ferrous metals		1715	734	3969	7401		8633	...	8633	9715
381 Fabricated metal products		3404	2803	2595	2518		4266	...	4266	5427
382 Non-electrical machinery		10153	7706	4765	3405		18337	...	18337	16716
383 Electrical machinery		5886	2371	2375	1521		10255	...	10255	10376
384 Transport equipment		74	48	371	93		1237	...	1237	1222
385 Professional and scientific equipment		21029	14820	1100	826		3054	...	3054	3078
390 Other manufacturing industries		4688	4613	11785	17905		8420	...	8420	8206
3 Total manufacturing		173417	184093	172953	181601		113835	...	113835	127706

AUSTRALIA

<p>Supplier of information: Australian Bureau of Statistics, Canberra. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>Basic source of data: Annual manufacturing survey.</p> <p>Major deviations from ISIC (Revision 3): 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>Reference period (if not calendar year): Fiscal year ending 30 June of the year indicated.</p> <p>Scope: All establishments with paid employees.</p> <p>Method of enumeration: Questionnaires are distributed by mail.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <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>Related national publications: Manufacturing Industry, published by the Australian Bureau of Statistics, Canberra.</p>
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Australia

ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	(numbers)				(numbers)				(million DOLLARS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		1067	1075	1028	1019		62200	63244	67085	67666		1812	1987	2188	2259
1511 Processing/preserving of meat		600	612	581	594		45322	46565	50936	50835		1288	1413	1579	1640
1512 Processing/preserving of fish		174	163	165	140		4057	3658	4052	3950		85	90	99	100
1513 Processing/preserving of fruit & vegetables		245	244	240	228		11226	10961	10229	11194		372	411	422	435
1514 Vegetable and animal oils and fats		48	56	42	57		1595	1660	1668	1687		66	74	68	84
1520 Dairy products		257	231	220	207		18614	17192	17330	16860		573	642	704	752
153 Grain mill products; starches; animal feeds		437	429	413	414		12365	12226	11373	11373		431	458	448	493
1531 Grain mill products		53	54	43	39		2441	2489	2213	2218		95	109	99	105
1532 Starches and starch products	a/	204	154	147	162		5952	5464	4973	5883	a/	186	181	183	203
1533 Prepared animal feeds		180	221	223	213		3972	4187	4493	4493		150	168	166	185
154 Other food products		1010	955	552	560		26128	25776	24749	23451		687	713	752	780
1541 Bakery products		24	24	22	25		6696	6550	6342	6717		237	264	246	251
1542 Sugar		130	182	197	159		6698	6429	6471	5920		236	260	273	264
1543 Cocoa, chocolate and sugar confectionery		423	522	574	474		16781	15489	17023	17333		444	531	577	553
1544 Macaroni, noodles & similar products	a/	519	428	452	476		301	266	183	173	a/	9	10	8	0
1549 Other food products n.e.c.		275	262	283	300		7216	6942	7870	8726		200	197	232	262
155 Beverages		34	38	35	40		3198	2943	2850	2894		176	170	159	165
1551 Distilling, rectifying & blending of spirits		191	116	120	120		6066	5338	6120	5869		208	223	248	260
1552 Wines		5	5	5	5		1611	1416	1262	1181		94	79	72	73
1553 Malt liquors and malt		280	253	237	254		13636	13048	12193	11618		440	451	428	424
1554 Soft drinks; mineral waters		181	160	125	163		11536	10189	9893	9893		375	375	375	374
1600 Tobacco products	b/	99	93	112	91		2100	1783	2004	1725	b/	65	61	53	50
171 Spinning, weaving and finishing of textiles		1092	1120	1115	1020		12077	11626	12616	11764		302	329	344	345
1711 Textile fibre preparation; textile weaving		801	789	742	728		6006	5493	6256	5196		129	136	149	125
1712 Finishing of textiles		55	71	55	66		2903	2912	2912	3274		87	100	102	118
172 Other textiles		36	31	53	33		589	683	740	674		18	25	28	30
1721 Made-up textile articles, except apparel		200	229	265	193		2729	2447	2544	2650		68	67	65	72
1722 Carpets and rugs		217	227	254	303		6340	6258	7259	7929		168	190	213	245
1723 Cordage, rope, twine and netting		4158	4548	4605	3128		35203	35404	34094	28428		710	765	726	696
1729 Other textiles n.e.c.		122	110	111	84		3051	2640	2836	2407		91	89	89	82
1730 Knitted and crocheted fabrics and articles	c/	191	145	134	104		1244	863	757	573	c/	26	20	18	14
1810 Wearing apparel, except fur apparel		249	242	227	191		5685	5806	5976	4964		140	145	160	139
1820 Dressing & dyeing of fur; processing of fur		3228	2950	3001	2835		32892	31421	33951	33191		830	855	929	960
191 Tanning, dressing and processing of leather	d/	132	178	103	163		5913	5588	4914	5039	d/	204	221	198	196
1911 Tanning and dressing of leather		1334	1234	1166	962		7304	6557	6407	5723		146	132	128	137
1912 Luggage, handbags, etc.; saddlery & harness	e/	4765	4985	5067	4558		85636	89913	93350	93774	e/	2953	3212	3356	3644
1920 Footwear	f/	161	126	139	128		10736	9267	9029	9230	f/	418	409	432	457
2010 Sawmilling and planing of wood		714	367	417	352		6631	5210	5150	5368		234	184	181	223
2021 Veneer sheets, plywood, particle board, etc.	g/	136	130	132	113		1963	2195	2328	2350	g/	71	87	91	86
2022 Builders' carpentry and joinery	h/	1334	1234	1166	962		7304	6557	6407	5723	h/	146	132	128	137
2023 Wooden containers	e/	4765	4985	5067	4558		85636	89913	93350	93774	e/	2953	3212	3356	3644
2029 Other wood products; articles of cork/straw	f/	161	126	139	128		10736	9267	9029	9230	f/	418	409	432	457
210 Paper and paper products		714	367	417	352		6631	5210	5150	5368		234	184	181	223
2101 Pulp, paper and paperboard	g/	136	130	132	113		1963	2195	2328	2350	g/	71	87	91	86
2102 Corrugated paper and paperboard	h/	1334	1234	1166	962		7304	6557	6407	5723	h/	146	132	128	137
2109 Other articles of paper and paperboard	g/	4765	4985	5067	4558		85636	89913	93350	93774	g/	2953	3212	3356	3644
221 Publishing of books and other publications		161	126	139	128		10736	9267	9029	9230		418	409	432	457
2211 Publishing of newspapers, journals, etc.		714	367	417	352		6631	5210	5150	5368		234	184	181	223
2212 Publishing of recorded media	h/	136	130	132	113		1963	2195	2328	2350	h/	71	87	91	86
2213 Publishing of recorded media	g/	4765	4985	5067	4558		85636	89913	93350	93774	g/	2953	3212	3356	3644
2219 Other publishing		161	126	139	128		10736	9267	9029	9230		418	409	432	457

Australia

ISIC Industry	Number of establishments			Number of persons engaged			Wages and salaries paid to employees (million DOLLARS)							
	Note	(numbers)			Note	(numbers)			Note	(million DOLLARS)				
		1996	1997	1998		1999	1996	1997		1998	1999			
3000 Office, accounting and computing machinery		147	160	163	170		3166	2989	2871	2777	117	114	113	125
3110 Electric motors, generators and transformers	q/	651	704	605	620	q/	15597	15782	14686	14453	487	530	525	533
3120 Electricity distribution & control apparatus	q/	53	64	62	61	q/	4427	4470	4100	3820	182	193	197	186
3130 Insulated wire and cable		18	13	15	9		751	645	576	504	37	21	21	21
3140 Accumulators, primary cells and batteries		495	426	415	314		4800	4522	4469	4324	121	126	126	129
3150 Lighting equipment and electric lamps	q/	...	...	...	...	q/	...	...	...	...	...	...	...	...
3190 Other electrical equipment n.e.c.		...	...	...	...		...	...	...	...	...	...	...	...
3210 Electronic valves, tubes, etc.	r/	456	511	501	444	r/	10471	10407	10347	10275	332	377	404	413
3220 TV/radio transmitters; line comm. apparatus	r/	129	149	89	127	r/	7585	7801	6559	5886	319	332	318	301
3230 TV and radio receivers and associated goods	r/	...	...	...	...	r/	...	...	...	...	...	...	...	...
3311 Medical, measuring, testing appliances, etc.	s/	...	...	...	...	s/	...	...	...	...	...	...	...	...
3312 Medical, surgical and orthopaedic equipment	s/	...	...	...	...	s/	...	...	...	...	...	...	...	...
3313 Measuring/testing/navigating appliances, etc.	s/	1232	1185	1162	1083	s/	11338	10559	11012	11326	362	353	374	418
3320 Industrial process control equipment	s/	...	...	...	...	s/	...	...	...	...	...	...	...	...
3330 Optical instruments & photographic equipment	s/	...	...	...	...	s/	...	...	...	...	...	...	...	...
3330 Watches and clocks	s/	...	...	...	...	s/	...	...	...	...	...	...	...	...
3410 Motor vehicles		65	41	25	46		20872	20330	19719	17837	784	825	905	775
3420 Automobile bodies, trailers & semi-trailers		586	565	594	497		7683	7614	8643	8207	206	220	242	262
3430 Parts/accessories for automobiles		886	884	823	786		27262	27288	26996	25650	845	925	963	972
351 Building and repairing of ships and boats		653	727	704	660		10715	10566	11630	10687	352	370	398	405
3511 Building and repairing of ships		76	85	64	89		7431	7201	7778	7063	282	293	308	312
3512 Building/repairing of pleasure/sport. boats		577	642	640	571		3284	3365	3852	3624	70	77	89	93
3520 Railway/tramway locomotives & rolling stock		24	31	38	44		5083	5197	5446	5415	173	200	258	265
3530 Aircraft and spacecraft		266	309	308	312		11886	12250	12565	12079	501	625	618	680
359 Transport equipment n.e.c.	t/	...	...	...	...	t/	...	...	...	...	...	...	...	...
3591 Motorcycles	t/	72	72	70	50	t/	625	580	585	477	15	15	16	14
3592 Bicycles and invalid carriages	t/	...	...	...	...	t/	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	...	...	...	...	...	...
3610 Furniture		5047	5117	4800	4194		40324	41462	42077	41376	957	1001	1040	1112
369 Manufacturing n.e.c.	u/	...	...	...	...	u/	...	...	...	...	...	...	...	...
3691 Jewellery and related articles	u/	1919	1980	1804	1566	u/	11725	12585	11794	10650	276	312	300	287
3692 Musical instruments	u/	...	...	...	...	u/	...	...	...	...	...	...	...	...
3693 Sports goods	u/	...	...	...	...	u/	...	...	...	...	...	...	...	...
3694 Games and toys	u/	...	...	...	...	u/	...	...	...	...	...	...	...	...
3699 Other manufacturing n.e.c.	u/	...	...	...	...	u/	...	...	...	...	...	...	...	...
3710 Recycling of metal waste and scrap	k/	...	...	...	...	k/	...	...	...	...	...	...	...	...
3720 Recycling of non-metal waste and scrap	f/	...	...	...	...	f/	...	...	...	...	...	...	...	...
D Total manufacturing		54340	55373	...	...		94487	945386	...	...	30515	32629	...	...

a/ 1532 includes 1544.
 b/ 1711 includes 2430.
 c/ 1820 includes 1911.
 d/ 2010 includes 2022.
 e/ 2023 includes 2029.
 f/ 2101 includes 2109, 2212, 2221 and 3720.
 g/ 2211 includes 2219.
 h/ 2213 includes 2230.
 i/ 2411 includes 2412 and 2423.
 j/ 2696 includes 2699.
 k/ 2710 includes 2720, 2731, 2891 and 3710.
 m/ 2813 includes 2911, 2913, 2914, 2919, 2926 and 2929.
 n/ 2899 includes 2927.
 o/ 2922 includes 2923.
 p/ 3110 includes 3120 and 3190.
 q/ 3210 includes 3230.
 r/ 3210 includes 3230.
 s/ 3312 includes 3311, 3313, 3320 and 3330.
 t/ 3592 includes 3591 and 3599.
 u/ 3692 includes 3691, 3693, 3694 and 3699.

Australia

ISIC Industry	Output (million DOLLARS)			Value added (million DOLLARS)			Gross fixed capital formation (million DOLLARS)		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
	Note	Note	Note	Note	Note	Note	Note	Note	Note
151 Processed meat, fish, fruit, vegetables, fats	13787	13816	15167	4711	4862	5608	5649	544	480
1511 Processing/preserving of meat	9064	9812	9953	2844	2970	3427	3481	354	280
1512 Processing/preserving of fish	1021	1017	1077	291	301	318	294	27	53
1513 Processing/preserving of fruit & vegetables	2988	3209	3179	1342	1360	1418	1567	130	111
1514 Vegetable and animal oils and fats	714	678	918	234	232	346	307	33	36
1520 Dairy products	6618	6961	7304	2248	2185	2380	2501	452	312
153 Grain mill products; starches; animal feeds	5613	5633	5699	2152	2277	2314	2426	133	218
1531 Grain mill products	1367	1274	1132	469	444	396	406	31	89
1532 Starches and starch products	1877	1927	2099	901	1032	1152	1123	50	79
1533 Prepared animal feeds	2369	2432	2468	782	801	766	897	52	50
154 Other food products	3066	3039	3222	1807	1674	1963	2051	120	90
1541 Bakery products	2525	2512	2525	868	767	866	804	280	174
1542 Sugar	1223	1311	1454	731	680	833	856	67	43
1543 Cocoa, chocolate and sugar confectionery	...	...	...	...	...	...	...	...	...
1544 Macaroni, noodles & similar products	2790	3074	3378	1444	1657	1817	1509	177	135
1549 Other food products n.e.c.	6462	6956	7941	3157	3340	4049	4436	396	532
155 Beverages	108	98	165	37	51	77	103	4	20
1551 Distilling, rectifying & blending of spirits	1981	2286	2843	860	1014	1398	1745	225	300
1552 Wines	2405	2347	2492	1374	1404	1404	1298	75	137
1553 Malt liquors and malt	1968	2224	2441	887	1030	1169	1289	92	76
1554 Soft drinks; mineral waters	...	...	...	...	...	...	...	...	...
1600 Tobacco products	882	967	1009	599	646	686	676	36	34
171 Spinning, weaving and finishing of textiles	2151	2114	2141	945	985	983	912	174	76
1711 Textile fibre preparation; textile weaving	1858	1845	1916	792	838	873	800	169	73
1712 Finishing of textiles	293	269	225	153	147	110	112	5	3
172 Other textiles	1800	1617	1700	780	751	840	860	50	48
1721 Made-up textile articles, except apparel	642	622	712	293	311	345	311	24	11
1722 Carpets and rugs	569	594	604	262	223	273	306	13	26
1723 Cordage, rope, twine and netting	77	104	103	47	54	63	62	5	3
1729 Other textiles n.e.c.	293	297	282	178	163	159	181	8	8
1730 Knitted and crocheted fabrics and articles	929	931	1162	405	470	595	649	15	45
1810 Wearing apparel, except fur apparel	3511	3537	3356	1723	1876	1628	1728	31	38
1820 Dressing & dyeing of fur; processing of fur	776	717	679	223	205	189	168	4	4
191 Tanning, dressing and processing of leather	...	...	...	...	...	...	...	...	...
1911 Tanning and dressing of leather	110	97	78	54	51	42	35	5	1
1912 Luggage, handbags, etc.; saddlery & harness	545	601	590	282	307	293	279	32	13
1920 Footwear	...	...	...	...	...	...	...	...	...
2010 Sawmilling and planing of wood	4198	4165	4589	2209	2086	2210	2478	115	140
202 Products of wood, cork, straw, etc.	1123	1161	1094	507	553	485	529	117	38
2021 Veneer sheets, plywood, particle board, etc.	...	...	...	...	...	...	...	...	...
2022 Builders' carpentry and joinery	619	558	582	339	276	304	299	5	44
2023 Wooden containers	...	...	...	...	...	...	...	...	...
2029 Other wood products; articles of cork/straw	...	...	...	...	...	...	...	...	...
210 Paper and paper products	14333	14592	15136	8171	8108	8532	9430	721	556
2101 Pulp, paper and paperboard	2335	2281	2241	924	995	1099	1139	198	244
2102 Corrugated paper and paperboard	...	...	...	...	...	...	...	...	...
2109 Other articles of paper and paperboard	...	...	...	...	...	...	...	...	...
221 Publishing of books and other publications	1333	1278	1131	1058	980	828	940	4	20
2212 Publishing of newspapers, journals, etc.	603	615	621	460	438	468	513	19	32
2213 Publishing of recorded media	...	...	...	...	...	...	...	...	...
2219 Other publishing	...	...	...	...	...	...	...	...	...

continued

Australia

ISIC Industry	Output (million DOLLARS)				Value added (million DOLLARS)				Gross fixed capital formation (million DOLLARS)	
	1996	1997	1998	1999	1996	1997	1998	1999	1998	1999
	Note		Note		Note				Note	
222 Printing and related service activities	...	...	...	...	...	...	...	...	...	...
2221 Printing	584	649	632	546	f/	418	447	408	f/	30
2222 Service activities related to printing	...	...	...	...	h/	...	...	...	h/	...
2230 Reproduction of recorded media	...	...	...	...	...	...	...	...	...	...
2310 Coke oven products	373	336	356	250	...	156	133	90	...	9
2320 Refined petroleum products	6629	7660	7992	7062	...	1548	1801	1762	...	162
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...
241 Basic chemicals	8103	8238	8704	9247	i/	3985	4162	4485	i/	506
2411 Basic chemicals, except fertilizers	...	...	...	...	i/	...	...	...	i/	...
2412 Fertilizers and nitrogen compounds	1957	1994	1929	1811	...	823	751	631	...	74
2413 Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...	...
242 Other chemicals	1116	1186	1148	1390	...	407	406	395	...	14
2421 Pesticides and other agro-chemical products	1634	1711	1833	1786	...	826	978	905	...	64
2422 Paints, varnishes, printing ink and mastics	...	...	...	...	...	...	...	...	...	...
2423 Pharmaceuticals, medicinal chemicals, etc.	2179	2009	1929	2197	i/	1188	1061	1166	i/	59
2424 Soap, cleaning & cosmetic preparations	1477	1617	1578	1593	b/	690	796	696	b/	49
2429 Other chemical products n.e.c.	...	...	...	...	...	...	...	...	...	...
2430 Man-made fibres	...	...	...	...	...	...	...	...	...	...
251 Rubber products	1501	1531	1555	1461	...	733	787	748	...	49
2511 Rubber tyres and tubes	913	885	874	804	...	427	440	380	...	21
2519 Other rubber products	588	646	681	676	...	293	360	368	...	27
2520 Plastic products	6246	5956	5973	6378	...	3100	3103	3331	...	249
2610 Glass and glass products	1143	1042	988	1100	...	642	538	633	...	100
269 Non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...	...
2691 Pottery, china and earthenware	320	355	363	374	...	228	259	262	...	15
2692 Refractory ceramic products	222	193	184	178	...	88	87	73	...	4
2693 Struct non-refractory clay; ceramic products	687	662	705	775	...	451	485	529	...	35
2694 Cement, lime and plaster	1636	1607	1758	1838	...	958	922	1075	...	196
2695 Articles of concrete, cement and plaster	3450	3477	3619	3839	...	1644	1580	1583	...	92
2696 Cutting, shaping & finishing of stone	757	1064	996	1176	j/	450	612	690	j/	57
2699 Other non-metallic mineral products n.e.c.	...	...	...	...	j/	...	...	...	j/	...
2710 Basic iron and steel	26339	25096	25392	25226	k/	10179	10774	9916	k/	3873
2720 Basic precious and non-ferrous metals	...	...	...	...	k/	...	...	...	k/	...
273 Casting of metals	...	...	...	...	k/	...	...	...	k/	...
2731 Casting of iron and steel	...	...	...	...	k/	...	...	...	k/	...
2732 Casting of non-ferrous metals	100	116	135	187	...	55	74	103	...	6
281 Structural metal products; tanks; steam generators	9122	9454	10010	10604	...	4427	4578	4927	...	192
2811 Structural metal products	5723	6158	6734	7361	...	2728	3020	3385	...	116
2812 Tanks, reservoirs and containers of metal	1106	1023	1117	1214	...	455	408	438	...	30
2813 Steam generators	2293	2273	2159	2029	m/	1244	1190	1104	m/	47
289 Other metal products; metal working services	...	...	...	...	...	...	...	...	...	...
2891 Metal forging/pressing/stamping/roll-forming	576	611	627	686	k/	359	401	443	k/	15
2892 Treatment & coating of metals	224	225	230	216	...	139	145	131	...	-2
2893 Cutlery, hand tools and general hardware	3838	4299	4219	3934	n/	2007	2193	2166	n/	171
2899 Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...	...	...
291 General purpose machinery	...	...	...	...	...	...	...	...	...	...
2911 Engines & turbines (not for transport equip.)	...	...	...	...	m/	...	...	...	m/	...
2912 Pumps, compressors, fans and valves	492	563	550	610	...	256	282	343	...	18
2913 Bearings, gears, gearing & driving elements	...	...	...	...	m/	...	...	...	m/	...
2914 Ovens, furnaces and furnace burners	...	...	...	...	m/	...	...	...	m/	...
2915 Lifting and handling equipment	1337	1346	1282	1438	m/	690	600	737	m/	18
2919 Other general purpose machinery	...	...	...	...	m/	...	...	...	m/	...

292 Special purpose machinery	846	902	879	443	406	403	461	285	p/	29
2921 Agricultural and forestry machinery	790	802	758	506	517	493	473	40	p/	49
2922 Machinery tools	1225	1724	1800	525	752	753	786	21		34
2923 Machinery for metallurgy	323	323	346	164	154	162	171	7	m/	15
2924 Machinery for mining & construction	...	...	...	...	...	...	...	...	n/	...
2925 Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	m/	...
2926 Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...		...
2927 Weapons and ammunition	...	...	...	...	...	...	...	...		...
2928 Other special purpose machinery	2287	2105	2160	1003	963	949	967	47	m/	46
2930 Domestic appliances n.e.c.	1429	1371	1315	381	369	292	283	26		30
3000 Office, accounting and computing machinery	2153	2482	2386	1102	1199	1266	1179	100	q/	89
3110 Electric motors, generators and transformers	1448	1212	1273	498	525	574	513	31	q/	33
3120 Electricity distribution & control apparatus	292	161	139	122	67	83	76	3		2
3130 Insulated wire and cable	466	534	566	241	259	287	292	7	q/	6
3140 Accumulators, primary cells and batteries	...	...	...	...	...	...	...	...		...
3150 Lighting equipment and electric lamps	...	...	...	...	...	...	...	...		...
3190 Other electrical equipment n.e.c.	1605	1858	2130	776	921	863	879	23	r/	47
3210 Electronic valves, tubes, etc.	1962	1937	1502	946	1234	949	669	56	r/	65
3220 TV/radio transmitters; line comm. apparatus	...	...	...	...	...	...	...	...		...
3230 TV and radio receivers and associated goods	1539	1781	1937	835	877	977	1089	97	s/	94
3311 Medical, measuring, testing appliances, etc.	...	...	...	...	...	...	...	...	s/	...
3312 Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	s/	...
3313 Industrial process control equipment	...	...	...	...	...	...	...	...	s/	...
3320 Optical instruments & photographic equipment	...	...	...	...	...	...	...	...	s/	...
3330 Watches and clocks	9455	10060	10358	2744	3794	3969	3845	103		197
3410 Motor vehicles	951	1091	1262	443	423	474	514	9		27
3420 Automobile bodies, trailers & semi-trailers	4089	4399	4569	1947	2039	2183	2046	286		199
3430 Parts/accessories for automobiles	2034	2078	1875	847	817	875	811	47		28
351 Building and repairing of ships and boats	1701	1644	1414	682	641	670	603	25		24
3511 Building and repairing of ships	333	434	461	165	175	205	209	22		3
3512 Building/repairing of pleasure/sport. boats	737	889	1037	345	366	534	583	81		111
3520 Railway/tramway locomotives & rolling stock	1352	1462	1699	797	845	903	1123	161		371
3530 Aircraft and spacecraft	...	...	...	...	...	...	...	...		...
359 Transport equipment n.e.c.	65	73	63	34	32	37	35	1	t/	2
3591 Motorcycles	...	...	...	...	...	...	...	...	t/	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...	...	t/	...
3599 Other transport equipment n.e.c.	4029	4316	4654	2196	2280	2279	2407	112		112
3610 Furniture	1198	1434	1333	689	748	698	608	51	u/	78
369 Manufacturing n.e.c.	...	...	...	...	...	...	...	...	u/	...
3691 Jewellery and related articles	...	...	...	...	...	...	...	...	u/	...
3692 Musical instruments	...	...	...	...	...	...	...	...	u/	...
3693 Sports goods	...	...	...	...	...	...	...	...	u/	...
3694 Games and toys	...	...	...	...	...	...	...	...	u/	...
3699 Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	u/	...
3710 Recycling of metal waste and scrap	...	...	...	...	...	...	...	...	k/	...
3720 Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...	f/	...
D Total manufacturing	202162	208279	...	...	...	...	...	...		...

s/ 3312 includes 3311, 3313, 3320 and 3330.
t/ 3592 includes 3591 and 3599.
u/ 3692 includes 3691, 3693, 3694 and 3699.

a/ 1532 includes 1544.
b/ 1711 includes 2430.
c/ 1820 includes 1911.
d/ 2010 includes 2022.
e/ 2023 includes 2025.
f/ 2101 includes 2109, 2212, 2221 and 3720.
g/ 2211 includes 2219.
h/ 2213 includes 2230.
i/ 2411 includes 2412 and 2423.
j/ 2696 includes 2699.
k/ 2710 includes 2720, 2731, 2891 and 3710.
l/ 2813 includes 2911, 2913, 2914, 2919, 2926 and 2929.
m/ 2899 includes 2927.
n/ 2922 includes 2923.
o/ 3110 includes 3120 and 3190.
p/ 3210 includes 3230.

Australia

ISIC Industry		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	Note	97	99	100	103	103	104	108	109	112	114	119	125	
15	Food and beverages	a/	99	100	103	103	104	108	109	112	114	119	125	
16	Tobacco products	a/	...	...	...	...	...	...	...	...	...	...	...
17	Textiles	b/	111	100	98	92	88	90	88	83	82	83	85	
18	Wearing apparel, fur	b/	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear	b/	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	c/	107	100	96	94	100	102	105	106	108	110	113	
21	Paper and paper products	c/	...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing	d/	93	97	100	98	97	99	104	106	107	110	116	
23	Coke, refined petroleum products, nuclear fuel	d/	100	103	100	103	101	106	109	115	117	119	124	
24	Chemicals and chemical products	d/	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products	d/	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products	e/	91	102	100	90	95	97	97	90	90	92	100	
27	Basic metals	e/	91	97	100	98	98	103	101	103	107	111	116	
28	Fabricated metal products	e/	...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.	f/	92	101	100	96	92	99	106	110	113	117	120	
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/	95	98	100	86	84	90	91	90	93	97	98	
37	Recycling	g/	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing		96	101	100	98	97	101	103	106	108	111	115	

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>Supplier of information: Statistics Austria, Vienna. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>Basic source of data: Structural census.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p>	<p>Concepts and definitions of variables: <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>Adjusted for non-response: Not reported.</p>	<p>Related national publications: Industrierstatistik, Vol. 2, published by Statistics Austria, Vienna.</p>

Austria

ISIC Industry	Number of enterprises (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million SCHILLINGS)					
	ISIC Revision 3				ISIC Revision 3				ISIC Revision 3					
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		1499	1487	1391	1217		20987	21217	17103	17203		6197	6233	6416
1511 Processing/preserving of meat		1341	1333	1317	1217		17328	17571	17105	17105		4544	4576	4596
1512 Processing/preserving of fish		6	10	7	7		243	348	301	301		42	62	60
1513 Processing/preserving of fruit & vegetables		125	120	139	139		2494	2406	2961	2961		936	936	1231
1514 Vegetable and animal oils and fats		27	24	28	28		922	892	846	846		675	656	529
1520 Dairy products		116	121	117	117		5473	5069	4139	4139		2311	1993	1633
153 Grain mill products; starches; animal feeds		142	125	134	134		3026	3130	2529	2529		1086	1103	919
1531 Grain mill products		2	2	1	1		1461	1653	1429	1429		521	567	520
1532 Starches and starch products		59	72	46	46		1461	1653	1429	1429		521	567	520
1533 Prepared animal feeds		2556	2478	2386	2386		37031	37825	37432	37432		10302	10455	10662
154 Other food products		2398	2335	2248	2248		28779	29248	29522	29522		6984	6984	7280
1541 Bakery products		1	1	5	5		1337	1337	1337	1337		780	711	791
1542 Sugar		32	16	28	28		2340	1880	2087	2087		88	89	97
1543 Cocoa, chocolate and sugar confectionery		13	32	36	36		257	290	341	341		1997	1997	1800
1544 Macaroni, noodles & similar products		114	93	69	69		4770	4145	4145	4145		4364	4338	4237
1549 Other food products n.e.c.		246	258	248	248		10220	9681	9193	9193		203	239	...
155 Beverages		93	85	75	75		558	730	...	...		...	...	...
1551 Distilling, rectifying & blending of spirits		30	87	66	66		...	...	4800	4800		...	...	2519
1552 Wines		52	33	35	35		3326	3322	3293	3293		1357	1370	1321
1553 Malt liquors and malt		71	53	70	70		...	...	...	...		...	...	...
1554 Soft drinks; mineral waters		1	1	1	1		...	...	...	...		...	...	...
1600 Tobacco products		202	133	150	150		9490	9472	8763	8763		3095	3196	3108
171 Spinning, weaving and finishing of textiles		84	92	98	98		7235	7321	6721	6721		2295	2413	2299
1711 Textile fibre preparation; textile weaving		118	41	52	52		2255	2151	2042	2042		800	784	808
1712 Finishing of textiles		607	674	616	616		7438	7697	7959	7959		2182	2259	2467
172 Other textiles		99	141	156	156		2413	2361	2856	2856		705	724	843
1721 Made-up textile articles, except apparel		96	46	62	62		435	371	472	472		116	105	133
1722 Carpets and rugs		17	17	292	292		...	...	...	...		...	...	114
1723 Cordage, rope, twine and netting		395	469	356	356		4737	4688	4189	4189		1502	1449	1377
1729 Other textiles n.e.c.		87	116	91	91		...	...	...	...		...	...	1372
1730 Knitted and crocheted fabrics and articles		1057	1016	981	981		13051	12173	...	...		3036	2974	...
1810 Wearing apparel, except fur apparel		119	89	127	127		290	200	...	...		52	43	...
1820 Dressing & dyeing of fur; processing of fur		132	156	112	112		2379	2722	2529	2529		562	611	643
191 Tanning, dressing and processing of leather		38	47	36	36		1442	1812	1837	1837		322	360	416
1911 Tanning and dressing of leather		94	109	76	76		937	910	692	692		240	250	227
1912 Luggage, handbags, etc.; saddlery & harness		99	100	100	100		4807	4274	3874	3874		1309	1114	1071
1920 Footwear		1285	1247	1224	1224		9096	9703	9795	9795		2489	2851	2887
2010 Sawmilling and planing of wood		2084	2234	1889	1889		27229	27962	25720	25720		8130	8231	7999
202 Products of wood, cork, straw, etc.		19	21	18	18		3490	3534	3530	3530		1342	1447	1502
2021 Veneer sheets, plywood, particle board, etc.		1425	1552	1355	1355		20749	21174	19619	19619		5670	5975	5821
2022 Builders' carpentry and joinery		104	122	108	108		746	827	780	780		187	217	201
2023 Wooden containers		536	539	408	408		2244	2427	1791	1791		932	592	475
2029 Other wood products; articles of cork/straw		144	172	146	146		17517	17516	17286	17286		7865	7635	8138
210 Paper and paper products		37	37	31	31		8215	7730	8395	8395		3920	3485	4370
2101 Pulp, paper and paperboard		57	98	61	61		5532	5884	5747	5747		2199	2327	2368
2102 Corrugated paper and paperboard		50	36	53	53		3771	3903	3144	3144		1746	1823	1399
2109 Other articles of paper and paperboard		376	443	414	414		7919	...	7556	7556		3558	...	3788
221 Publishing of books and other publications		132	171	146	146		1327	1427	1389	1389		543	579	572
2212 Publishing of newspapers, journals, etc.		170	183	178	178		6208	5537	...	...		2912	2738	...
2213 Publishing of recorded media		25	17	26	26		88	18	...	...		18	...	...
2219 Other publishing		49	73	64	64		295	270	249	249		86	...	...

222 Printing and related service activities	1110	1017	17075	17075	16550	7263	7357
2221 Printing	869	816	14826	14035	5980	6390	6390
2222 Service activities related to printing	241	201	2449	2315	913	967	967
2230 Reproduction of recorded media	7	4	1149	1510	453	594	594
2310 Coke oven products	5	5					
2320 Refined petroleum products	5						
2330 Processing of nuclear fuel							
241 Basic chemicals	69	81	7029	6829	3895	4015	4078
2411 Basic chemicals, except fertilizers	40	49					
2412 Fertilizers and nitrogen compounds	5	10		917			809
2413 Plastics in primary forms; synthetic rubber	26	22	2346		1327		
242 Other chemicals	273	320		15902			7546
2421 Pesticides and other agro-chemical products	1	12		94			48
2422 Paints, varnishes, printing ink and mastics	48	55	3171	3246	1267	1332	1340
2423 Pharmaceuticals, medicinal chemicals, etc.	71	83	8011	9155	3825	4577	4314
2424 Soap, cleaning & cosmetic preparations	97	120	2201	2122	871	938	938
2429 Other chemical products n.e.c.	56	64	1852	2047	839	962	908
2430 Man-made fibres	4	5		3318			1576
251 Rubber products	44	45	4119	4338	1691	1840	1830
2511 Rubber tyres and tubes	14	7	1842	2161	791	877	901
2519 Other rubber products	31	38	2277	2380	899	962	929
2520 Plastic products	493	543	22277	23285	7935	8647	8568
2610 Glass and glass products	176	168	7847	8058	3043	3136	3425
269 Non-metallic mineral products n.e.c.	1026	933	26487	24200	11440	11386	10984
2691 Pottery, china and earthenware	141	141	2437	2130	854	809	734
2692 Refractory ceramic products	11	13	2433	2221	1409	1372	1299
2693 Struct non-refractory clay; ceramic products	34	33	1534	1369	568	551	700
2694 Cement, lime and plaster	35	3	1780	1862	978	991	850
2695 Articles of concrete, cement and plaster	320	275	11300	10786	4951	4804	4882
2696 Cutting, shaping & finishing of stone	404	415	3444	3567	1174	1222	1128
2699 Other non-metallic mineral products n.e.c.	61	47	3558	3574	1494	1538	1391
2710 Basic iron and steel	38	40	21119	21114	5485	10226	10346
2720 Basic precious and non-ferrous metals	46	51	6149	6130	2690	2640	2640
273 Casting of metals	75	64	5146	5739	1818	2156	2192
2731 Casting of iron and steel	30	23		1271			541
2732 Casting of non-ferrous metals	44	32			4391		1651
281 Struct metal products; tanks; steam generators	927	1039	27184	29005	30885	10432	11611
2811 Structural metal products	838	996	21016	23175	24920	8105	9167
2812 Tanks, reservoirs and containers of metal	52	57	4325	4274	4161	1732	1705
2813 Steam generators	37	33	1843	1556	1804	595	740
289 Other metal products; metal working services	2171	2027	33900	35319	33944	12688	12460
2891 Metal forging/pressing/stamping/roll-forming	492	507	4432	4651	4910	1536	1649
2892 Treatment & coating of metals	389	430	6856	7464	6785	2937	2475
2893 Cutlery, hand tools and general hardware	887	569	13749	13676	12558	4829	4829
2899 Other fabricated metal products n.e.c.	403	521	9063	9528	9711	3463	3508
291 General purpose machinery	663	747	27339	28214	29934	12005	13145
2911 Engines & turbines (not for transport equip.)	23	18	375	269	359	101	158
2912 Pumps, compressors, taps and valves	91	90	4904	4775	4390	1911	1799
2913 Bearings, gears, gearing & driving elements	21	53	2752	2909	2909	1143	1318
2914 Ovens, furnaces and furnace burners	54	24	2427	2413	2448	1051	1214
2915 Lifting and handling equipment	102	168	7332	8278	9091	4131	4375
2919 Other general purpose machinery	371	394	9549	9642	9536	3592	4280
292 Special purpose machinery	1044	1125	37120	36491	35498	15198	16577
2921 Agricultural and forestry machinery	49	460	6488	6122	6986	2143	2478
2922 Machine tools	118	142	5570	6402	6294	2534	2625
2923 Machinery for metallurgy	5	24	258	360	705	153	337
2924 Machinery for mining & construction	35	34	4742	3934	4998	1662	1965
2925 Food/beverage/tobacco processing machinery	76	46	1755	1904	1889	745	734
2926 Machinery for textile, apparel and leather	21	8	1779	1299	851	525	358
2927 Weapons and ammunition	31	26	1304	1217	1021	615	593
2929 Other special purpose machinery	261	314	15224	15233	16640	6732	7488
2930 Domestic appliances n.e.c.	89	82	5696	5415	4879	1994	1797

cont inued

Austria

ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees					
	(numbers)				(numbers)				(million SCHILLINGS)					
	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry	Note													
3000 Office, accounting and computing machinery	...	52	47	31		...	461	804	728		...	143	219	218
3110 Electric motors, generators and transformers	...	70	107	121		...	6573	7149	7755		...	2720	3104	3357
3120 Electricity distribution & control apparatus	...	214	132	128		...	8247	7285	7736		...	3119	3019	2945
3130 Insulated wire and cable	...	17	20	33		...	3827	3746	3524		...	1710	1995	1713
3140 Accumulators, primary cells and batteries	...	6	5	9		...	999	960	996		...	459	429	371
3150 Lighting equipment and electric lamps	...	71	88	53		...	2913	3207	2592		...	1130	1310	1079
3190 Other electrical equipment n.e.c.	...	56	100	115		...	5395	5795	5618		...	1827	1985	2011
3210 Electronic valves, tubes, etc.	...	27	100	75		...	7658	8877	9267		...	2571	3655	3875
3220 TV/radio transmitters; line comm. apparatus	...	88	13	24		...	18140	15885	15511		...	11221	10600	10546
3230 TV and radio receivers and associated goods	...	26	48	31		...	4711	4740	4455		...	2094	2158	2033
331 Medical, measuring, testing appliances, etc.	...	902	998	958		...	11782	12984	12130		...	4107	4535	4652
3311 Medical, surgical and orthopaedic equipment	...	702	749	703		...	7405	8054	7322		...	2420	2619	2631
3312 Measuring/testing/navigation appliances, etc.	...	195	243	229		...	3606	4021	4112		...	1329	1495	1689
3313 Industrial process control equipment	...	5	6	26		...	771	909	696		...	358	421	331
3320 Optical instruments & photographic equipment	...	120	109	153		...	2701	2621	2594		...	972	956	986
3330 Watches and clocks	...	18	5	5		...	94	61	119		...	18	22	49
3410 Motor vehicles	...	20	14	16		...	16368	13741	15851		...	7306	6371	7128
3420 Automobile bodies, trailers & semi-trailers	...	134	162	121		...	3556	3891	2715		...	1104	1206	1033
3430 Parts/accessories for automobiles	...	81	49	69		...	5893	9673	9470		...	2193	3859	4029
351 Building and repairing of ships and boats	...	33	25	38		...	315	256	289		...	99	86	101
3511 Building and repairing of ships	...	2	2	1		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats	...	31	23	37		...	...	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock	...	10	8	10		...	3635	3670	3670		...	...	2175	2104
3530 Aircraft and spacecraft	...	43	32	20		...	252	263	203		...	66	84	66
359 Transport equipment n.e.c.	...	2	20	9		...	795	760	760		...	...	247	241
3591 Motorcycles	...	1	1	1		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages	...	1	19	8		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.
3610 Furniture	...	3255	3568	3422		...	...	...	...		...	...	...	...
369 Manufacturing n.e.c.	...	1065	1114	1076		...	37362	36728	36251		...	9923	9785	9795
3691 Jewellery and related articles	...	429	432	400		...	11046	10994	10404		...	3342	3644	3526
3692 Musical instruments	...	108	223	199		...	1211	1088	1070		...	365	347	365
3693 Sports goods	...	69	72	88		...	535	854	799		...	158	241	229
3694 Games and toys	...	105	43	94		...	3938	3724	3699		...	1411	1479	1526
3699 Other manufacturing n.e.c.	...	355	344	295		...	1937	1898	1856		...	541	693	590
3710 Recycling of metal waste and scrap	...	47	58	56		...	418	585	635		...	131	192	217
3720 Recycling of non-metal waste and scrap	...	34	36	34		...	387	358	317		...	124	109	98
D Total manufacturing	...	25465	26321	25098		...	607661	615287	606930		...	224381	236902	240637

Austria

ISIC Industry	Output (million SCHILLINGS)			Value added in factor values (million SCHILLINGS)			Gross fixed capital formation (million SCHILLINGS)		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
	Note	Note	Note	Note	Note	Note	Note	Note	Note
ISIC Revision 3									
151 Processed meat, fish, fruit, vegetables, fats	53291	51308	53612	12183	12724	12899	2898	2051	2051
1511 Processing/preserving of meat	36686	34110	33579	8534	8772	8629	1777	1399	1399
1512 Processing/preserving of fish	292	504	472	58	133	122	22	14	14
1513 Processing/preserving of fruit & vegetables	9512	10063	13020	2102	2749	3004	852	562	562
1514 Vegetable and animal oils and fats	6801	6631	6441	1489	1070	1144	247	76	76
1520 Dairy products	27299	25713	23149	4287	3658	3130	892	671	671
153 Grain mill products; starches; animal feeds	9588	10165	7469	1961	2191	1874	346	301	301
1531 Grain mill products	...	...	...	...	...	...	...	...	...
1532 Starches and starch products	5109	5525	4258	985	1145	1021	190	113	113
1533 Prepared animal feeds	49818	51189	51284	17830	18377	18505	2710	2874	2874
154 Other food products	23133	...	24057	11133	...	11674	...	1902	1902
1541 Bakery products	...	...	6099	...	...	1470	...	230	230
1542 Sugar	5383	5070	5753	1451	1420	1582	197	247	247
1543 Cocoa, chocolate and sugar confectionery	502	533	619	172	199	229	32	46	46
1544 Macaroni, noodles & similar products	27483	16771	14795	7825	3993	3550	481	449	449
1549 Other food products n.e.c.	1593	26820	26617	373	8528	7985	1893	2009	2009
155 Beverages	...	1932	...	...	401	...	64	...	...
1551 Distilling, rectifying & blending of spirits	...	...	...	...	...	...	...	...	...
1552 Wines	...	...	13035	...	...	4606	...	1162	1162
1553 Malt liquors and malt	9909	9886	10174	1965	2769	2702	490	748	748
1554 Soft drinks; mineral waters	...	...	...	...	...	...	...	...	...
1600 Tobacco products	...	...	...	...	...	...	...	...	...
171 Spinning, weaving and finishing of textiles	15555	16077	14887	5365	5404	4911	1053	820	820
1711 Textile fibre preparation; textile weaving	12267	12806	11756	4113	4147	3767	882	737	737
1712 Finishing of textiles	3288	3272	3131	1251	1267	1444	171	83	83
172 Other textiles	10818	12247	13927	4390	5038	4999	832	605	605
1721 Made-up textile articles, except apparel	3661	3911	4951	1677	1863	1742	203	144	144
1722 Carpets and rugs	578	488	914	173	154	283	19	38	38
1723 Cordage, rope, twine and netting	...	...	658	...	...	207	...	57	57
1729 Other textiles n.e.c.	7404	8049	7804	2744	2545	2767	438	365	365
1730 Knitted and crocheted fabrics and articles	...	...	8304	...	...	2310	...	445	445
1810 Wearing apparel, except fur apparel	15258	15352	15352	4917	5057	5057	365	...	...
1820 Dressing & dyeing of fur; processing of fur	249	237	...	105	84	...	22	...	...
191 Tanning, dressing and processing of leather	3841	4455	5244	795	906	1114	256	121	121
1911 Tanning and dressing of leather	2889	3538	4320	402	464	703	234	101	101
1912 Luggage, handbags, etc.; saddlery & harness	952	917	924	393	441	410	22	21	21
1920 Footwear	7367	6268	6363	2444	1913	2205	120	132	132
2010 Sawmilling and planing of wood	23380	27180	28785	6139	6443	6972	1791	2471	2471
202 Products of wood, cork, straw, etc.	3794	5082	40667	1436	14900	15333	2435	2760	2760
2021 Veneer sheets, plywood, particle board, etc.	8584	9095	10093	2382	2864	3546	778	1191	1191
2022 Builders' carpentry and joinery	28718	27010	27518	10465	10409	10477	1477	1380	1380
2023 Wooden containers	885	1073	1019	400	464	408	57	72	72
2029 Other wood products; articles of cork/straw	2607	2703	2037	1139	1162	901	123	116	116
210 Paper and paper products	59067	59964	64283	18361	18702	19880	3501	3549	3549
2101 Pulp, paper and paperboard	34163	33766	42976	10012	10294	12027	1528	2205	2205
2102 Corrugated paper and paperboard	12229	12960	13145	4477	4502	4856	1207	854	854
2109 Other articles of paper and paperboard	12675	13238	8162	3872	3907	2996	765	490	490
221 Publishing of books and other publications	18203	3000	20616	5876	1014	7826	...	550	550
2211 Publishing of newspapers, journals, etc.	2472	15136	3003	774	5091	1139	115	84	84
2212 Publishing of recorded media	143	...	...	467	...	...	297	...	...
2219 Other publishing	412	444	312	186	174	140	26	11	11

continued

Austria

ISIC Industry	Output (million SCHILLINGS)			Value added in factor values (million SCHILLINGS)			Gross fixed capital formation (million SCHILLINGS)		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
ISIC Industry									
ISIC Revision 3									
222 Printing and related service activities	24197	27267	26167	...	12031	12258	12615	2584	2048
2221 Printing	21484	24348	...	...	10514	...	10917	...	1846
2222 Service activities related to printing	2712	2918	...	...	1518	...	1697	...	202
2223 Reproduction of recorded media	4487	5059	...	...	2773	...	2136	...	770
2310 Coke oven products	...	...	...	...	...	...	...	...	...
2320 Refined petroleum products	...	...	...	...	...	...	...	...	...
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...
241 Basic chemicals	31170	32044	31511	...	7755	9517	10737	2166	4817
2411 Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...	...
2412 Fertilizers and nitrogen compounds	...	3586	...	...	...	...	1315	...	587
2413 Plastics in primary forms; synthetic rubber	15501	48972	...	...	3116	...	16023	...	3127
242 Other chemicals	...	563	...	...	...	...	179	...	100
2421 Pesticides and other agro-chemical products	7144	7190	7429	...	2338	2425	2394	326	290
2422 Paints, varnishes, printing ink and mastics	26378	29041	31669	...	9624	11240	10058	2108	2380
2423 Pharmaceuticals, medicinal chemicals, etc.	5861	6210	6066	...	1507	1583	1624	177	169
2424 Soap, cleaning & cosmetic preparations	5773	5967	6325	...	1780	1842	1768	251	188
2429 Other chemical products n.e.c.	...	7109	...	...	...	...	2345	...	557
2430 Man-made fibres	...	...	...	...	...	...	...	...	...
251 Rubber products	9295	9705	9858	...	3014	3482	3534	466	390
2511 Rubber tyres and tubes	4914	5077	5244	...	1299	1663	1498	166	183
2519 Other rubber products	4381	4629	4615	...	1715	1818	2036	300	207
2520 Plastic products	39182	42518	40871	...	15139	15899	16344	3206	3154
2610 Glass and glass products	12683	13471	12660	...	7035	6865	7408	1033	1331
269 Non-metallic mineral products n.e.c.	56958	53355	55988	...	22168	21593	20994	4156	3618
2691 Pottery, china and earthenware	2497	2130	2159	...	1416	1160	1074	116	99
2692 Refractory ceramic products	7016	5334	6513	...	2132	2263	2263	263	205
2693 Struct.non-refractory clay; ceramic products	3120	2844	3019	...	1448	1280	1287	559	300
2694 Cement, lime and plaster	4904	5588	5889	...	1889	2026	1859	435	382
2695 Articles of concrete, cement and plaster	27249	26083	25846	...	10221	9615	9649	2045	2038
2696 Cutting, shaping & finishing of stone	4020	3894	4266	...	2094	2177	1943	224	326
2699 Other non-metallic mineral products n.e.c.	8149	8400	8577	...	2891	3194	2919	513	268
2710 Basic iron and steel	30689	55581	56716	...	10570	21104	21352	4846	3542
2720 Basic precious and non-ferrous metals	25444	24308	26271	...	5001	5198	5230	1235	1018
273 Casting of metals	7448	8552	8660	...	3346	3895	3563	783	538
2731 Casting of iron and steel	...	1696	...	...	...	...	761	...	119
2732 Casting of non-ferrous metals	...	6856	...	...	...	...	2802	...	419
281 Struct.metal products;tanks;steam generators	40206	48104	43900	...	15624	16956	18039	2019	2174
2811 Structural metal products	30812	38911	34600	...	13174	13174	14177	1607	1747
2812 Tanks, reservoirs and containers of metal	6872	6861	7190	...	2777	2843	2816	357	373
2813 Steam generators	2523	2332	2150	...	872	940	1045	55	54
289 Other metal products; metal working services	47039	54750	53127	...	21308	23961	23859	3898	4318
2891 Metal forging/pressing/stamping/roll-forming	6044	9612	6943	...	3048	3048	480	480	678
2892 Treatment & coating of metals	8673	10962	11016	...	4065	4939	4702	840	973
2893 Cutlery, hand tools and general hardware	18085	18495	19461	...	9421	9608	9492	1676	1707
2899 Other fabricated metal products n.e.c.	14238	15661	15706	...	5390	6366	6328	903	960
291 General purpose machinery	47198	57270	53193	...	18621	20527	22094	2187	2252
2911 Engines & turbines(not for transport equip.)	529	503	372	...	193	110	199	18	9
2912 Pumps, compressors, taps and valves	8237	7723	8514	...	3422	3514	2972	257	455
2913 Bearings, gears, gearing & driving elements	5129	5624	5683	...	2020	2198	2413	282	379
2914 Ovens, furnaces and furnace burners	3313	4119	3543	...	1442	1669	2044	79	105
2915 Lifting and handling equipment	14874	20543	19883	...	5178	6949	7275	547	499
2919 Other general purpose machinery	15117	18758	15199	...	6365	6087	7192	1006	805

292 Special purpose machinery	71768	75775	24347	25488	27174	2769	3148
2921 Agricultural and forestry machinery	12646	13859	3735	3854	4222	475	483
2922 Machine tools	10311	10821	3403	4399	4638	658	601
2923 Machinery for metallurgy	564	1206	212	306	634	5	77
2924 Machinery for mining & construction	8639	9361	2769	2368	2835	197	510
2925 Food/beverage/tobacco processing machinery	2930	3392	1638	1638	1216	87	87
2926 Machinery for textile, apparel and leather	3145	1109	1544	957	1214	196	63
2927 Weapons and ammunition	2748	2979	1214	524	624	94	94
2929 Other special purpose machinery	30972	33652	10373	11320	12481	973	1233
2930 Domestic appliances n.e.c.	9192	8457	3177	3622	3453	395	439
3000 Office, accounting and computing machinery	3983	4227	261	607	1788	50	66
3110 Electric motors, generators and transformers	16158	17162	4111	5698	5978	588	437
3120 Electricity distribution & control apparatus	13468	13844	5416	5367	5264	753	628
3130 Insulated wire and cable	7670	6672	2501	2488	2497	314	298
3140 Accumulators, primary cells and batteries	2341	2104	828	901	700	114	107
3150 Lighting equipment and electric lamps	5491	4904	1913	2347	2158	260	178
3190 Other electrical equipment n.e.c.	11349	11185	3365	4010	3936	599	553
3210 Electronic valves, tubes, etc.	23274	26207	5530	7643	9117	1768	2127
3220 TV/radio transmitters; line comm. apparatus	64286	61062	15750	18676	17484	1531	1717
3230 TV and radio receivers and associated goods	18471	15360	3456	3617	3280	465	558
331 Medical, measuring, testing appliances, etc.	14998	16725	6805	8008	7903	820	875
3311 Medical, surgical and orthopaedic equipment	8764	9804	3930	4655	4532	385	401
3312 Measuring/testing/navigating appliances, etc.	4940	5735	2366	2646	2817	340	383
3313 Industrial process control equipment	1284	1186	518	707	555	95	91
3320 Optical instruments & photographic equipment	3266	3676	1633	1581	1718	157	262
3330 Watches and clocks	74	223	37	38	79	3	9
3410 Motor vehicles	54561	61679	15459	12630	15717	2069	2725
3420 Automobile bodies, trailers & semi-trailers	6042	5195	1842	2046	1641	494	275
3430 Parts/accessories for automobiles	32097	33497	4736	9360	10139	1531	1497
351 Building and repairing of ships and boats	297	385	150	132	156	11	27
3511 Building and repairing of ships	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport boats	...	...	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	12356	13399	...	3302	3229	388	319
3530 Aircraft and spacecraft	340	224	101	155	142	42	100
359 Transport equipment n.e.c.	2155	1943	...	580	493	102	272
3591 Motorcycles	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...
3610 Furniture	37303	37973	16527	16854	16936	2087	1985
369 Manufacturing n.e.c.	19737	18887	6009	7396	7059	668	769
3691 Jewellery and related articles	5988	3185	833	1189	769	69	68
3692 Musical instruments	521	713	281	444	459	29	25
3693 Sports goods	6762	7640	2198	2348	2645	253	328
3694 Games and toys	2213	3488	995	1303	1530	96	123
3699 Other manufacturing n.e.c.	4253	3860	1702	2111	1657	221	226
3710 Recycling of metal waste and scrap	1074	1455	338	428	467	82	51
3720 Recycling of non-metal waste and scrap	620	641	312	306	250	115	132
D Total manufacturing	1241795	1377400	412858	475050	466462	71743	75460

Austria

ISIC Industry	Index numbers of industrial production (1990=100)													
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
	Note													
15 Food and beverages	100	97	97	100	94	98	97	106	110	114		
16 Tobacco products	100	109	105	107	108	108	123	127	140	151		
17 Textiles	100	101	103	95	86	88	86	91	93	88		
18 Wearing apparel, fur	100	99	95	75	65	52	46	40	41	35		
19 Leather, leather products and footwear	100	92	87	84	85	81	74	78	81	80		
20 Wood products (excl. furniture)	100	79	89	82	86	132	135	151	158	172		
21 Paper and paper products	100	103	107	111	118	120	113	123	128	133		
22 Printing and publishing	100	94	104	89	87	91	97	101	116	123		
23 Coke, refined petroleum products, nuclear fuel	100	105	110	110	103	100	104	107	107	100		
24 Chemicals and chemical products	100	96	101	104	100	113	114	116	129	140		
25 Rubber and plastics products	100	95	94	89	89	116	116	120	129	134		
26 Non-metallic mineral products	100	59	64	63	68	110	108	111	110	111		
27 Basic metals	100	95	89	83	90	105	101	117	120	120		
28 Fabricated metal products	100	91	92	89	93	116	113	130	143	150		
29 Machinery and equipment n.e.c.	100	87	80	76	73	137	144	145	164	170		
30 Office, accounting and computing machinery	100	76	96	70	80	83	89	98	121	255		
31 Electrical machinery and apparatus	100	90	98	97	129	154	169	187	263	332		
32 Radio, television and communication equipment	100	87	79	87	106	121	121	126	133	141		
33 Medical, precision and optical instruments	100	91	90	94	97	107	110	124	136	168		
34 Motor vehicles, trailers, semi-trailers	100	99	101	99	102	129	137	162	182	213		
35 Other transport equipment	100	72	58	55	68	80	73	78	99	101		
36 Furniture, manufacturing n.e.c.	100	90	95	89	80	109	110	117	120	123		
37 Recycling		
D Total manufacturing	100	92	92	91	92	113	114	122	133	141		

AZERBAIJAN

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

ISIC Industry	Number of establishments (numbers)			Number of employees (numbers)			Wages and salaries paid to employees (million MANAT)					
	Note	1996a/	1997a/	1998	1999	Note	1996a/	1997a/	1998	1999		
		1996a/	1997a/	1998	1999		1996	1997a/	1998	1999		
151 Processed meat, fish, fruit, vegetables, fats		75	90	90	78		4590	3540	5202	4571		4606
1511 Processing/preserving of meat		40	47	33	38		165	128	1362	965		1020
1512 Processing/preserving of fish		13	18	28	16		3259	2514	1973	1780		1516
1513 Processing/preserving of fruit & vegetables		20	23	22	21		1166	898	931	920		722
1514 Vegetable and animal oils and fats		2	2	7	3		2258	1753	936	906		1348
1520 Dairy products		23	21	28	30		4686	3616	2266	2154		332
153 Grain mill products		17	16	23	46		3458	2667	1545	1566		2739
1531 Starches and starch products		-	-	-	-		-	-	-	-		1525
1532 Prepared animal feeds		6	6	3	3		1228	949	721	588		1214
1533 Other food products		78	66	198	208		12626	9722	7408	6012		4326
154 Bakery products		55	54	163	173		9217	7097	5759	4373		3721
1541 Sugar		6	4	13	11		2020	1556	1191	1013		6
1542 Cocoa, chocolate and sugar confectionery		-	-	-	-		-	-	-	-		302
1543 Macaroni, noodles & similar products		17	8	15	12		1389	1069	407	481		297
1549 Other food products n.e.c.		114	30	46	51		6095	4694	2810	3124		2207
155 Beverages		103	26	18	13		610	469	385	681		322
1551 Distilling, rectifying & blending of spirits		5	2	4	4		4286	3286	1757	1461		1511
1552 Malt liquors and malt		5	2	5	5		463	357	134	311		81
1553 Malt liquors and malt		4	...	19	29		756	582	564	671		294
1554 Soft drinks; mineral waters		8	7	10	11		2428	1876	695	1078		986
1600 Tobacco products		56	44	50	41		31600	26167	17194	10219		1570
171 Textile fibre preparation; textile weaving		56	44	50	41		31600	26167	17194	10219		13470
1711 Finishing of textiles		29	15	37	40		17457	13474	6718	5581		4601
172 Other textiles		9	6	11	10		3404	2633	591	456		91
1721 Made-up textile articles, except apparel		17	8	21	22		13215	10201	6083	5050		4497
1722 Carpets and rugs		3	1	1	1		838	640	25	73		11
1723 Cordage, rope, twine and netting		28	12	31	32		5633	4347	3844	1991		37
1729 Other textiles n.e.c.		21	26	71	58		9179	7063	4730	4098		3123
1730 Knitted and crocheted fabrics and articles		2	2	4	3		558	438	1123	234		1959
1810 Wearing apparel, except fur apparel		6	7	14	11		753	584	763	508		1640
1820 Dressing & dyeing of fur; processing of fur			477	370	287	227		791
191 Tanning, dressing and processing of leather		7	4	20	13		1797	1393	1123	792		56
1911 Tanning and dressing of leather		26	7	14	8		2331	1809	723	639		1640
1912 Luggage, handbags, etc.; saddlery & harness		11	4	48	50		607	479	591	839		261
1920 Footwear			426	336	214	192		191
202 Sawmilling and planing of wood			109	86	300	510		236
2021 Veneer sheets, plywood, particle board, etc.		11	4	5	3		72	57	85	80		43
2022 Builders' carpentry and joinery			-	-	22	57		129
2023 Wooden containers			-	-	-	-		14
2029 Other wood products; articles of cork/straw		14	7	9	10		656	519	254	268		5
210 Paper and paper products		3	9	13	17		1286	1001	1457	1727		174
2101 Pulp, paper and paperboard		7	12	49	41		368	287	526	907		72
2102 Corrugated paper and paperboard			-	-	-	-		16
2109 Other articles of paper and paperboard		10	21	72	68		1675	1304	1457	1727		98
221 Publishing of books and other publications			21	16	111	106		4
2211 Publishing of newspapers, journals, etc.			21	16	111	106		4
2212 Publishing of newspapers, journals, etc.			21	16	111	106		4
2213 Publishing of recorded media			21	16	111	106		4
2219 Other publishing			21	16	111	106		4

222	Printing and related service activities	15	12	64	75	2355	1823	2135	1382	2173	7599	2805
2221	Printing	14	10	54	62	2291	1774	2018	1227	...	7461	2613
2222	Service activities related to printing	1	2	10	14	64	49	118	155	...	138	192
2230	Reproduction of recorded media	-	-	-	2	-	-	-	15	...	-	12
2310	Coke oven products	3	9	17	13	9077	7754	7018	6659	...	23696	33220
2320	Refined petroleum products	-	-	-	-	-	-	-	-	...	-	-
2330	Processing of nuclear fuel	-	-	-	-	-	-	-	-	...	-	-
2411	Basic chemicals, except fertilizers	8	16	28	25	18576	14304	9933	9255	28421	18678	19962
2412	Fertilizers and nitrogen compounds	5	10	20	18	8656	5811	5368	5368	...	11130	12993
2413	Plastics in primary forms; synthetic rubber	2	4	7	6	1245	958	722	623	...	1097	1065
242	Other chemicals	11	17	37	30	8675	6680	3400	3264	6446	6450	5904
2421	Pesticides and other agro-chemical products	1	1	15	10	50	38	113	140	...	80	99
2422	Paints, varnishes, printing ink and mastics	3	5	6	6	1114	858	785	555	...	635	431
2423	Pharmaceuticals, medicinal chemicals, etc.	3	5	6	6	1288	992	897	911	...	353	1169
2424	Soap, cleaning & cosmetic preparations	3	5	6	6	3740	2880	4812	4460	...	9938	8581
2429	Other chemical products n.e.c.	-	-	9	8	-	-	-	-	...	-	-
2430	Man-made fibres	-	-	-	-	-	-	-	-	...	-	-
251	Rubber products	3	5	6	6	3569	2760	2182	2030	5137	2936	1280
2511	Rubber tyres and tubes	2	3	1	1	1717	1328	1082	1084	...	1818	504
2519	Other rubber products	2	2	5	5	1852	1432	1100	946	...	1118	776
2520	Plastic products	14	16	43	38	1894	1468	1435	1066	...	948	700
2610	Glass and glass products	7	7	20	17	4492	3461	1425	1147	...	2231	1321
269	Non-metallic mineral products n.e.c.	133	56	122	148	12797	9853	8610	17042	23244	17777	14271
2691	Pottery, china and earthenware	2	2	4	6	2253	1737	1198	1972	...	650	355
2692	Refractory ceramic products	-	-	-	-	-	-	-	-	...	-	-
2693	Struct. non-refractory clay; ceramic products	27	14	19	23	1817	1401	1529	1093	...	1665	1279
2694	Cement, lime and plaster	13	4	13	11	2201	1695	1529	1304	...	6580	5395
2695	Articles of concrete, cement and plaster	80	28	52	54	5132	3942	3131	3150	...	7369	6267
2696	Cutting, shaping & finishing of stone	10	7	32	50	1228	946	1126	9404	...	1230	764
2699	Other non-metallic mineral products n.e.c.	1	1	2	4	166	132	97	117	...	283	211
2710	Basic iron and steel	4	15	10	8	8179	7065	5151	4695	...	4631	3008
2720	Basic precious and non-ferrous metals	2	8	11	13	3205	2484	2532	1662	...	3580	1958
273	Casting of metals	2	14	6	6	1093	844	635	618	...	418	268
2731	Casting of iron and steel	1	8	3	3	821	634	460	473	...	254	136
2732	Casting of non-ferrous metals	1	6	3	3	272	210	174	145	...	164	132
281	Struct. metal products; tanks; steam generators	18	18	50	48	2671	2055	2050	2139	9753	5947	7395
2811	Structural metal products	17	17	48	46	2575	1982	1999	2130	...	5922	7395
2812	Tanks, reservoirs and containers of metal	1	1	2	2	96	74	51	9	...	25	-
2813	Steam generators	-	-	-	-	-	-	-	-	...	-	-
289	Other metal products; metal working services	14	14	29	25	2677	2043	1302	829	3460	1351	1718
2891	Metal forging/pressing/stamping/roll-forming	2	1	4	5	795	607	470	181	...	341	222
2892	Treatment & coating of metals	4	4	3	2	369	283	47	22	...	283	9
2893	Cutlery, hand tools and general hardware	2	3	3	4	581	443	300	169	...	192	877
2899	Other fabricated metal products n.e.c.	6	6	19	15	932	710	485	457	...	535	610
291	General purpose machinery	25	34	46	38	13598	10471	10054	7868	31481	27111	16565
2911	Engines & turbines (not for transport equip.)	5	6	9	7	4127	3178	3500	2624	...	12237	7169
2912	Pumps, compressors, taps and valves	5	9	15	12	5970	4598	3940	3200	...	7770	4660
2913	Bearings, gears, gearing & driving elements	1	2	1	1	220	170	30	183	...	135	91
2914	Ovens, furnaces and furnace burners	5	6	7	6	367	278	306	385	...	494	211
2915	Lifting and handling equipment	8	11	12	11	452	343	421	368	...	1701	1520
2919	Other general purpose machinery	50	26	34	27	2462	1904	1757	1458	...	4774	2914
292	Special purpose machinery	32	13	12	10	8499	6626	6308	5578	18051	15230	12722
2921	Agricultural and forestry machinery	6	2	7	3	1530	1191	1270	972	...	1139	1016
2922	Machine tools	6	6	7	6	433	340	538	261	...	1146	204
2923	Machinery for metallurgy	6	3	3	2	195	153	142	136	...	105	204
2924	Machinery for mining & construction	3	6	7	6	2941	2293	1930	1603	...	5736	5426
2925	Food/beverage/tobacco processing machinery	-	-	-	-	-	-	-	-	...	-	-
2926	Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	...	-	-
2927	Weapons and ammunition	-	-	-	-	-	-	-	-	...	-	-
2929	Other special purpose machinery	3	2	4	5	3264	2547	2350	2143	...	7077	5852
2930	Domestic appliances n.e.c.	14	10	17	18	9927	8375	6990	5866	...	3381	2279

continued

Azerbaijan

ISIC Revision 3

ISIC Industry	Number of establishments (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million MANAT)						
	Note	1996a/	1997a/	1998	1999	Note	1996a/	1997a/	1998	1999	Note	1996	1997a/	1998	1999
		1996a/	1997a/	1998	1999		1996a/	1997a/	1998	1999		1996	1997a/	1998	1999
3000 Office, accounting and computing machinery		1	5	6	4		1068	828	863	728		...	...	660	435
3110 Electric motors, generators and transformers		9	7	22	11		2351	1819	1191	656		...	...	2790	1109
3120 Electricity distribution & control apparatus		6	4	5	6		1769	1769	1829	1761		...	...	6025	6567
3130 Insulated wire and cable		1	2	5	4		725	565	544	455		...	...	862	330
3140 Accumulators, primary cells and batteries		8	2	7	7		1141	885	237	202		...	...	259	242
3150 Lighting equipment and electric lamps		1	2	6	6		1700	1383	890	630		...	...	691	279
3190 Other electrical equipment n.e.c.		4	5	7	7		1214	911	763	586		...	...	690	502
3210 Electronic valves, tubes, etc.		1	4	8	7		2128	1788	1294	1166		...	...	512	545
3220 TV/radio transmitters; line comm. apparatus		15	7	5	5		-	-	117	67		...	...	847	682
3230 TV and radio receivers and associated goods		-	-	3	1		-	-	-	-		...	...	116	85
3311 Medical, measuring, testing appliances, etc.		5	6	13	13		2671	2011	3156	2964		...	3373	4089	3583
3312 Measuring/testing/navigating appliances, etc.		7	6		120	90	311	327		...	...	564	578
3313 Industrial process control equipment		1		2484	1870	2780	2598		...	...	3509	2991
3320 Optical instruments & photographic equipment		4	5	6	2		67	51	65	39		...	...	16	14
3330 Watches and clocks		2	3	1	1		4128	3256	37	36		...	...	11	13
3410 Motor vehicles		1	3	1	1		1214	903	774	97		...	...	146	84
3420 Automobile bodies, trailers & semi-trailers		-	-	1	-		-	-	41	21		...	...	9	-
3430 Parts/accessories for automobiles		-	-	5	3		-	-	91	-		...	...	27	-
351 Building and repairing of ships and boats		5	4	16	15		4100	3148	3112	2757		...	15482	16021	16292
3511 Building and repairing of ships		5	4	16	15		4100	3148	3112	2757		...	16021	16021	16292
3512 Building/repairing of pleasure/sport. boats		-	-	-	-		-	-	-	-		-	-
3520 Railway/tramway locomotives & rolling stock		1	1	4	5		316	245	517	2891		...	...	2142	7040
3530 Aircraft and spacecraft		-	-	2	1		-	-	34	31		...	...	216	196
359 Transport equipment n.e.c.		-	-	1	1		-	-	6	11		...	...	7	5
3591 Motorcycles		-	-	1	1		-	-	-	-		...	...	-	-
3592 Bicycles and invalid carriages		-	-	1	1		-	-	6	11		...	...	7	5
3599 Other transport equipment n.e.c.		-	-	-	-		-	-	-	-		-	-
3610 Furniture		20	31	53	47		1943	1581	1593	1423		...	...	1210	801
369 Manufacturing n.e.c.		3	6	53	44		1457	1082	1844	1269		...	796	1673	1063
3691 Jewellery and related articles		1	2	15	16		1075	799	1261	810		...	...	1250	747
3692 Musical instruments		-	-	3	3		-	-	24	11		...	...	6	2
3693 Sports goods		-	-	1	1		-	-	-	-		...	...	-	-
3694 Games and toys		1	2	3	1		168	124	89	64		...	...	22	19
3699 Other manufacturing n.e.c.		1	2	31	24		214	159	470	384		...	...	394	296
3710 Recycling of metal waste and scrap		2	4	7	5		243	207	188	185		...	...	375	283
3720 Recycling of non-metal waste and scrap		-	-	9	11		-	-	109	129		...	...	82	62
D Total manufacturing		2442	2414	1554	1511		242819	191415	152142	137181		...	360867	239622	219023

a/ Including small-scale enterprises.

ISIC Industry	Output (million MANAT)			Value added (million MANAT)			Gross fixed capital formation (million MANAT)	
	1996a/	1997a/	1998	1999	1996	1997	1998	1999
	Note	Note	Note	Note	Note	Note	Note	Note
ISIC Industry								
151 Processed meat, fish, fruit, vegetables, fats	59700	92200	33500	159454	...	...	6476	12877
1511 Processing/preserving of meat	25800	13300	7200	103110	...	...	222	11051
1512 Processing/preserving of fish	7900	44700	6300	9051	...	...	886	536
1513 Processing/preserving of fruit & vegetables	11100	18200	4900	21781	...	...	5368	1290
1514 Vegetable and animal oils and fats	14900	16000	15100	25511	...	...	1978	1391
1520 Dairy products	590700	657100	712100	690693	...	...	1820	4206
153 Grain mill products; starches; animal feeds	156100	182800	56700	42596	...	...	1820	4094
1531 Grain mill products	52700	54400	28400	32501	...	...	158	112
1532 Starches and starch products	103400	128400	28300	10095	...	...	2452	1350
1533 Prepared animal feeds	1032700	1061800	1221900	883113	...	...	2023	-
154 Other food products	1024700	1059000	1204100	844920	...	...	235	-
1541 Bakery products	3500	1100	3100	14723	...	...	194	235
1542 Sugar	-	-	-	2407	...	...	1115	906
1543 Cocoa, chocolate and sugar confectionery	4500	1700	14400	619	...	...	134	14
1544 Macaroni, noodles & similar products	69700	120600	50900	20444	...	...	73	231
155 Beverages	10200	15800	7400	114225	...	...	47974	661
1551 Distilling, rectifying & blending of spirits	57900	101200	20400	10139	...	...	-	62574
1552 Wines	1600	3600	18400	28310	...	...	8423	-
1553 Malt liquors and malt	-	...	4700	13829	...	...	8423	-
1554 Soft drinks; mineral waters	-	...	4700	61947	...	...	-	18564
1600 Tobacco products	28600	52400	20900	24087	...	...	-	18564
171 Spinning, weaving and finishing of textiles	517100	488100	206800	100798	...	...	557	797
1711 Textile fibre preparation; textile weaving	517100	488100	206800	100798	...	...	6	721
1712 Finishing of textiles	16200	14560	20900	24656	...	...	226	...
172 Other textiles	2600	13300	600	2228	...	...	250	...
1721 Made-up textile articles, except apparel	12600	13300	19400	10636	...	...	250	...
1722 Carpets and rugs	-	-	800	175	...	...	467	...
1723 Cordage, rope, twine and netting	1000	60	100	11617	...	...	-	1402
1729 Other textiles n.e.c.	28300	27800	17500	17572	...	...	20	229
1730 Knitted and crocheted fabrics and articles	37000	27000	35500	15575	...	...	20	229
1810 Wearing apparel, except fur apparel	3200	3500	7400	1935	...	...	-	...
1820 Dressing & dyeing of fur; processing of fur	900	400	5000	3058	...	...	-	...
191 Tanning, dressing and processing of leather	900	400	400	2454	...	...	-	...
1911 Tanning and dressing of leather	900	400	600	604	...	...	-	...
1912 Luggage, handbags, etc.; saddlery & harness	23400	24500	20600	12167	...	...	-	...
1920 Footwear	29300	13000	3100	1229	...	...	-	...
2010 Sawmilling and planing of wood	600	900	2700	15055	...	...	-	...
202 Products of wood, cork, straw, etc.	...	...	70	2	...	...	-	...
2021 Veneer sheets, plywood, particle board, etc.	...	...	2600	14883	...	...	-	...
2022 Builders' carpentry and joinery	600	900	...	16	...	...	-	...
2023 Wooden containers	-	-	20	154	...	...	-	...
2029 Other wood products; articles of cork/straw	4000	2200	900	1997	...	...	53	...
210 Paper and paper products	1400	1000	200	80	...	...	49	...
2101 Pulp, paper and paperboard	2600	1200	600	1761	...	...	4	...
2102 Corrugated paper and paperboard	-	-	100	156	...	...	228	664
2109 Other articles of paper and paperboard	12600	13600	20200	20856	...	...	-	...
221 Publishing of books and other publications	11400	12400	18300	6657	...	...	-	...
2212 Publishing of newspapers, journals, etc.	1200	1200	700	12839	...	...	-	...
2213 Publishing of recorded media	-	-	-	16	...	...	-	...
2219 Other publishing	...	...	1200	1144	...	...	228	416

continued

Azerbaijan

ISIC Industry	Output (million MANAT)			Value added (million MANAT)			Gross fixed capital formation (million MANAT)		
	1996a/	1997a/	1998	1996	1997	1998	1996	1997	1998
	Note	Note	Note	Note	Note	Note	Note	Note	Note
ISIC Revision 3									
222 Printing and related service activities	8100	6900	13000	19431	19431	19431	3783	154	154
2221 Printing	8000	6500	12300	17970	17970	17970	186	147	147
2222 Service activities related to printing	100	400	700	1461	1461	1461	3597	7	7
2230 Reproduction of recorded media	-	-	-	23	23	23	-	6	6
2310 Coke oven products	3038500	3576200	2828600	2073285	2073285	2073285	-	40245	40245
2320 Refined petroleum products	-	-	-	-	-	-	-	-	-
2330 Processing of nuclear fuel	-	-	-	-	-	-	-	-	-
2411 Basic chemicals, except fertilizers	206000	318900	175200	200055	200055	200055	7170	988	988
2412 Fertilizers and nitrogen compounds	62400	110500	92200	121375	121375	121375	5471	988	988
2413 Plastics in primary forms; synthetic rubber	20300	18400	8100	7794	7794	7794	-	-	-
242 Other chemicals	123300	190000	74900	70866	70866	70866	1699	-	-
2421 Pesticides and other agro-chemical products	93000	53600	168900	197479	197479	197479	9901	1	1
2422 Paints, varnishes, printing ink and mastics	-	-	1000	781	781	781	-	-	-
2423 Pharmaceuticals, medicinal chemicals, etc.	15400	3800	3200	3128	3128	3128	-	-	-
2424 Soap, cleaning & cosmetic preparations	6100	700	1900	9032	9032	9032	67	-	-
2429 Other chemical products n.e.c.	71500	49100	159800	184538	184538	184538	9834	-	-
2430 Man-made fibres	-	-	-	-	-	-	-	-	-
251 Rubber products	32600	38600	28900	8692	8692	8692	59	-	-
2511 Rubber tyres and tubes	21600	25800	18700	4900	4900	4900	59	-	-
2519 Other rubber products	11000	12800	10200	3791	3791	3791	438	-	-
2520 Plastic products	7800	6900	10600	9094	9094	9094	-	-	-
2610 Glass and glass products	18700	13200	12800	6777	6777	6777	1337	-	-
269 Non-metallic mineral products n.e.c.	112300	133900	139900	94943	94943	94943	2819	-	-
2691 Pottery, china and earthenware	2600	2800	2000	999	999	999	1660	-	-
2692 Refractory ceramic products	-	-	-	-	-	-	-	-	-
2693 Struct non-refractory clay; ceramic products	12400	11700	9300	4998	4998	4998	-	-	-
2694 Cement, lime and plaster	50000	71600	56600	37037	37037	37037	1150	524	524
2695 Articles of concrete, cement and plaster	42100	41300	66400	45767	45767	45767	9	-	-
2696 Cutting, shaping & finishing of stone	4500	5700	6100	5526	5526	5526	-	-	-
2699 Other non-metallic mineral products n.e.c.	700	800	500	616	616	616	-	-	-
2710 Basic iron and steel	14400	38900	27800	2548	2548	2548	-	-	-
2720 Basic, precious and non-ferrous metals	14800	49500	33500	21247	21247	21247	66	-	-
273 Casting of metals	1600	900	900	3574	3574	3574	-	-	-
2731 Casting of iron and steel	700	200	500	3090	3090	3090	-	-	-
2732 Casting of non-ferrous metals	900	700	400	484	484	484	-	-	-
281 Struct metal products;tanks;steam generators	43500	56800	60600	56434	56434	56434	-	-	-
2811 Structural metal products	43000	56700	60600	56429	56429	56429	-	-	-
2812 Tanks, reservoirs and containers of metal	500	100	10	5	5	5	-	-	-
2813 Steam generators	-	-	-	-	-	-	-	-	-
289 Other metal products; metal working services	5100	5500	6530	4287	4287	4287	5791	733	733
2891 Metal forging/pressing/stamping/roll-forming	1600	1700	1700	312	312	312	4740	-	-
2892 Treatment & coating of metals	300	500	30	8	8	8	-	-	-
2893 Cutlery, hand tools and general hardware	1600	1600	2900	2904	2904	2904	1051	733	733
2899 Other fabricated metal products n.e.c.	1600	1700	1900	1062	1062	1062	-	-	-
291 General purpose machinery	95200	120600	92800	43351	43351	43351	1110	-	-
2911 Engines & turbines(not for transport equip.)	31600	48000	24600	8477	8477	8477	404	478	478
2912 Pumps, compressors, taps and valves	30700	38900	36300	19640	19640	19640	1	-	-
2913 Bearings, gears, gearing & driving elements	700	700	400	12	12	12	-	-	-
2914 Ovens, furnaces and furnace burners	-	-	1700	1022	1022	1022	-	-	-
2915 Lifting and handling equipment	10100	9600	9800	6868	6868	6868	705	-	-
2919 Other general purpose machinery	22100	23400	20000	7333	7333	7333	-	-	-

292 Special purpose machinery	50200	67600	80400	66684	...	...	...	8592	...
2921 Agricultural and forestry machinery	4200	4000	3600	4003	...	...	...	50	...
2922 Machine tools	1000	1100	1000	1140	...	...	...	18	...
2923 Machinery for metallurgy	24900	...	400	743	...	...	...	-	...
2924 Machinery for mining & construction	1300	34900	41200	30854	...	...	...	-	...
2925 Food/beverage/tobacco processing machinery	-	100	100	112	...	...	...	-	...
2926 Machinery for textile, apparel and leather	18800	-	-	-	...	...	...	-	...
2927 Weapons and ammunition	80800	27500	34100	29833	...	...	...	8524	...
2929 Other special purpose machinery	8000	43200	15200	6066	...	...	...	-	...
2930 Domestic appliances n.e.c.	3800	5700	3700	675	...	...	...	-	...
3000 Office, accounting and computing machinery	7900	16000	11600	4836	...	...	...	-	...
3110 Electric motors, generators and transformers	6600	12700	15100	15464	...	...	...	-	20
3120 Electricity distribution & control apparatus	7000	5100	4700	835	...	...	...	-	3325
3130 Insulated wire and cable	500	300	1600	808	...	...	...	-	724
3140 Accumulators, primary cells and batteries	100	400	10900	809	...	...	...	-	...
3160 Lighting equipment and electric lamps	2300	4300	3400	1867	...	...	...	-	...
3190 Other electrical equipment n.e.c.	2200	5700	3600	2125	...	...	...	75	1108
3210 Electronic valves, tubes, etc.	10000	12000	3700	4811	...	...	...	-	15
3220 TV/radio transmitters; line comm. apparatus	-	-	...	12	...	...	...	3	...
3230 TV and radio receivers and associated goods	29600	22900	24400	12766	...	...	...	966	90
331 Medical, measuring, testing appliances, etc.	...	...	2700	2551	...	...	...	32	90
3311 Medical, surgical and orthopaedic equipment	...	...	...	10179	...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	...	...	...	36	...	...	...	...	...
3313 Industrial process control equipment	28400	21500	21700	551	...	...	...	934	...
3320 Optical instruments & photographic equipment	20	40	20	-	...	...	...	-	...
3330 Watches and clocks	1900	2100	400	72	...	...	...	-	41
3410 Motor vehicles	-	-	...	171	...	...	...	-	...
3420 Automobile bodies, trailers & semi-trailers	-	-	40	-	...	...	...	-	...
3430 Parts/accessories for automobiles	31800	94600	64900	56583	...	...	...	-	12014
351 Building and repairing of ships and boats	31800	94600	64900	56583	...	...	...	-	12014
3511 Building and repairing of ships	-	-	-	-	...	...	...	-	-
3512 Building/repairing of pleasure/sport. boats	10200	13200	6000	31639	...	...	...	38	337
3520 Railway/tramway locomotives & rolling stock	-	-	6000	396	...	...	...	-	...
3530 Aircraft and spacecraft	-	-	...	369	...	...	...	-	...
359 Transport equipment n.e.c.	-	-	...	369	...	...	...	-	...
3591 Motorcycles	-	-	...	-	...	...	...	-	...
3592 Bicycles and invalid carriages	-	-	...	-	...	...	...	-	...
3599 Other transport equipment n.e.c.	-	-	...	-	...	...	...	-	...
3610 Furniture	6200	15200	12000	13846	...	...	...	...	...
369 Manufacturing n.e.c.	1900	4200	4430	14325	...	...	...	52	272
3691 Jewellery and related articles	1700	3900	1800	8807	...	...	...	48	-
3692 Musical instruments	-	-	10	15	...	...	...	4	-
3693 Sports goods	100	100	20	31	...	...	...	-	26
3694 Games and toys	100	200	2600	5472	...	...	...	-	246
3699 Other manufacturing n.e.c.	1600	5200	400	3318	...	...	...	-	...
3710 Recycling of metal waste and scrap	-	-	800	1109	...	...	...	158	...
3720 Recycling of non-metal waste and scrap	-	-	-	-	...	...	...	-	...
D Total manufacturing	6584700	7554700	6323220	5110224	...	...	...	112609	178032

a/ Including small-scale enterprises.

Azerbaijan

ISIC Industry		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
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	106	107	100	105	75	69	50	39	35	35	31	28	

Note

BAHAMAS

<p>Supplier of information: Department of Statistics, Nassau.</p> <p>Basic source of data: Annual business establishment surveys.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: All establishments.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications: Annual Survey of Industry Report, published by the Department of Statistics, Nassau.</p>
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222 Printing and related service activities													
2221 Printing	41	47	48	48	373	421	455	443	6959	8939			
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	1	1	1	1	2	2	2	2					
2412 Fertilizers and nitrogen compounds													
2413 Plastics in primary forms; synthetic rubber													
242 Other chemicals													
2421 Pesticides and other agro-chemical products	2	1	1	1	8	6	6	6	6384	6384	10046		
2422 Paints, varnishes, printing ink and mastics	1	1	2	5	154	154	39	37	400	413	394		
2423 Pharmaceutical, medicinal chemicals, etc.	4	3	5	5	38	28	45	45	2148	2286	2571		
2424 Soap, cleaning & cosmetic preparations													
2429 Other chemical products n.e.c.	1	1	1	1	44	44							
2430 Man-made fibres													
251 Rubber products													
2511 Rubber tyres and tubes													
2519 Other rubber products													
2520 Plastic products	2	2	3	4	52	102	109	120	784	1410	999		
2610 Glass and glass products													
269 Non-metallic mineral products n.e.c.													
2691 Pottery, china and earthenware	7	6	6	5	12	9	10	7	30	37	58		
2692 Refractory ceramic products													
2693 Struct.non-refractory clay; ceramic products	1	1	1	1									
2694 Cement, lime and plaster													
2695 Articles of concrete, cement and plaster	10	12	13	13	144	159	185	231					
2696 Cutting, shaping & finishing of stone													
2699 Other non-metallic mineral products n.e.c.													
2710 Basic iron and steel	23	26	24	24	110	174	199	245	764		699		
2720 Basic precious and non-ferrous metals													
273 Casting of metals													
2731 Casting of iron and steel	2	2	2	2	10	10	7	9	95	95	114		
2732 Casting of non-ferrous metals													
281 Struct.metall 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 Treatm& 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.													

cont inued

Bahamas

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees			
	(numbers)				(numbers)				(thousand DOLLARS)			
	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999
ISIC Industry	Note				Note				Note			
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	1		7	6	6		110	109	
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		4	4	4		5	13	13		243	533	
331 Medical, measuring, testing appliances, etc.												
3311 Medical, surgical and orthopaedic equipment		2	2	2		6	6	6		7	8	
3312 Measuring/testing/navigation appliances, etc.												
3313 Industrial process control equipment												
3320 Optical instruments & photographic equipment												
3330 Watches and clocks												
3410 Motor vehicles		1	1	1		17	23	23		41	41	
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		33	30	29		105	103	104		1071	1106	
369 Manufacturing n.e.c.												
3691 Jewellery and related articles		4	4	4		7	46	36		40	396	
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/	285	280	280	279	2201	2353	2629	2749	42712	35996	41539

a/ Sum of available data.

Bahamas

ISIC Industry	Output (thousand DOLLARS)				Note	Value added (thousand DOLLARS)				Note	Gross fixed capital formation (thousand DOLLARS)	
	1996	1997	1998	1999		1996	1997	1998	1999		1998	1999
	ISIC Industry	1996	1997	1998		1999	Note	1996	1997		1998	1999	Note	1998	1999
151 Processed meat, fish, fruit, vegetables, fats	...	...	...	...		...	...	...	...		...	...
1511 Processing/preserving of meat	...	...	...	...		...	...	...	...		...	...
1512 Processing/preserving of fish	...	...	...	...		...	...	...	...		...	...
1513 Processing/preserving of fruit & vegetables	3101	2875	2193	...		1160	1150	939	...		...	...
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	11863	11866	9718	...		6828	6684	4984	...		...	...
1542 Sugar	...	...	...	...		...	...	...	...		...	...
1543 Cocoa, chocolate and sugar confectionery	...	...	...	...		...	...	...	...		...	...
1544 Macaroni, noodles & similar products	...	...	...	...		...	...	...	...		...	...
1549 Other food products n.e.c.	2449	2659	2816	...		1711	1844	1829	...		...	...
155 Beverages	...	...	...	...		...	...	...	...		...	...
1551 Distilling, rectifying & blending of spirits	60130	61654	80059	...		19762	16853	23586	...		...	...
1552 Wines	...	...	...	...		...	...	...	...		...	...
1553 Malt liquors and malt	...	...	...	...		...	...	...	...		...	...
1554 Soft drinks; mineral waters	8225	...	9396	...		31848	33208	23544	...		...	...
1600 Tobacco products	...	...	...	...		...	...	...	...		...	...
171 Spinning, weaving and finishing of textiles	...	...	...	...		...	...	...	...		...	...
1711 Textile fibre preparation; textile weaving	...	...	...	...		...	...	...	...		...	...
1712 Finishing of textiles	...	...	...	...		...	...	...	...		...	...
172 Other textiles	1101	1256	538	...		683	807	376	...		...	...
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	5730	6852	2906	...		871	3103	1224	...		...	...
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	225	350	170	...		76	293	93	...		...	...
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	227	227	235	...		2	2	122	...		...	...
2023 Wooden containers	...	...	...	...		...	...	...	...		...	...
2029 Other wood products; articles of cork/straw	...	...	...	...		...	...	...	...		...	...
210 Paper and paper products	...	...	...	...		...	...	...	...		...	...
2101 Pulp, paper and paperboard	...	...	...	...		...	...	...	...		...	...
2102 Corrugated paper and paperboard	4920	4448	3125	...		1374	1520	2426	...		...	...
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

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	377	410	381	174	196	172	...	...	...	...
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	...	...	1555	...	...	...	...	...	...	...
3230 TV and radio receivers and associated goods	...	514	...	...	...	...	...	...	...	...
331 Medical, measuring, testing appliances, etc.	...	...	...	...	...	...	...	...	...	...
3311 Medical, surgical and orthopaedic equipment	36	...	40	...	...	32	...	...	...	...
3312 Measuring/testing/navigation appliances, etc.	...	...	...	...	...	...	...	...	...	...
3313 Industrial process control equipment	...	...	...	...	...	...	...	...	...	...
3320 Optical instruments & photographic equipment	...	...	...	...	...	...	...	...	...	...
3330 Watches and clocks	...	...	...	...	...	...	...	...	...	...
3410 Motor vehicles	41	41	...	6	6	...	...	...	...	...
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	4195	4248	3732	2279	2350	2090	...	...	...	...
369 Manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...
3691 Jewellery and related articles	255	...	231	181	...	1821	...	...	...	...
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	163226	159201	198306	93433	107220	103487	a/	...	...	...

a/ Sum of available data.

BANGLADESH

<p>Supplier of information: Bangladesh Bureau of Statistics (BBS), Statistics Division, Ministry of Planning, Dhaka.</p> <p>Basic source of data: Annual census of manufacturing industries.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year): Fiscal year ending 30 June of the year indicated.</p> <p>Scope: Registered establishments with 10 or more persons engaged.</p> <p>Method of enumeration: Questionnaires are distributed by mail with follow-up site visits as required.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <u>Number of employees</u> includes workers paid through labour contractors. <u>Wages and salaries</u> includes payments made to labour contractors.</p> <p>Related national publications: Census of Manufacturing Industries in Bangladesh (annual); Statistical Yearbook of Bangladesh, both published by the Bangladesh Bureau of Statistics, Statistics Division, Ministry of Planning, Dhaka.</p>
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Bangladesh

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	(numbers)				(thousands)				(million TAKA)						
	Note	1994	1995	1996	1997a/	Note	1994	1995	1996	1997a/	Note	1994	1995	1996	1997a/
ISIC Industry	Note	1994	1995	1996	1997a/	Note	1994	1995	1996	1997a/	Note	1994	1995	1996	1997a/
151 Processed meat, fish, fruit, vegetables, fats		3898	3769	3769	49.1		48.5	48.5	48.5	49.1		871.2	871.2	871.2	1033.3
1511 Processing/preserving of meat		...	...	...	...		...	...	...	...		...	...	...	...
1512 Processing/preserving of fish		76	55	55	5.1		5.6	5.6	5.6	5.1		160.6	160.6	160.6	157.3
1513 Processing/preserving of fruit & vegetables		3314	3353	3353	33.5		30.1	30.1	30.1	33.5		477.9	477.9	477.9	619.2
1514 Vegetable and animal oils and fats		508	362	362	10.5		12.7	12.7	12.7	10.5		232.8	232.8	232.8	256.9
1520 Dairy products		121	95	95	8.4		4.2	4.2	4.2	8.4		145.6	145.6	145.6	358.2
153 Grain mill products		411	362	362	7.2		5.8	5.8	5.8	7.2		152.7	152.7	152.7	163.3
1531 Grain mill products		409	360	360	7.2		5.7	5.7	5.7	7.2		152.1	152.1	152.1	162.7
1532 Starches and starch products		2	2	2	0.1		0.1	0.1	0.1	0.1		0.6	0.6	0.6	0.6
1533 Prepared animal feeds		1625	1704	1704	56.7		64.7	64.7	64.7	56.7		1873.8	1873.8	1873.8	1371.1
154 Other food products		954	1018	1018	14.6		18.4	18.4	18.4	14.6		475.4	475.4	475.4	255.3
1541 Bakery products		450	478	478	38.5		43.3	43.3	43.3	38.5		1324.4	1324.4	1324.4	1054.7
1542 Sugar		111	88	88	1.3		1.3	1.3	1.3	1.3		22.2	22.2	22.2	17.1
1543 Cocoa, chocolate and sugar confectionery		110	120	120	2.3		1.7	1.7	1.7	2.3		51.8	51.8	51.8	44.0
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...	...	...
1549 Other food products n.e.c.		28	29	29	5.6		3.1	3.1	3.1	5.6		73.9	73.9	73.9	285.3
155 Beverages		3	3	3	0.9		0.7	0.7	0.7	0.9		11.2	11.2	11.2	17.2
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...	...	...
1552 Wines		1	1	1	1.2		...	...	...	1.2		...	...	...	47.2
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...	...	...
1554 Soft drinks; mineral waters		25	25	25	3.6		2.4	2.4	2.4	3.6		62.7	62.7	62.7	220.9
1600 Tobacco products		571	474	474	12.3		19.1	19.1	19.1	12.3		842.1	842.1	842.1	299.9
171 Spinning, weaving and finishing of textiles		10735	10617	10617	409.9		454.8	454.8	454.8	409.9		9228.7	9228.7	9228.7	9336.1
1711 Textile fibre preparation; textile weaving		9476	9476	9476	208.4		203.5	203.5	203.5	208.4		3331.6	3331.6	3331.6	4341.2
1712 Finishing of textiles		1259	1147	1147	20.6		251.3	251.3	251.3	20.6		5897.1	5897.1	5897.1	4995.0
172 Other textiles		301	354	354	18.8		17.5	17.5	17.5	18.8		453.3	453.3	453.3	437.3
1721 Made-up textile articles, except apparel		74	60	60	2.4		2.0	2.0	2.0	2.4		47.8	47.8	47.8	71.9
1722 Carpets and rugs		22	22	22	9.2		8.9	8.9	8.9	9.2		257.9	257.9	257.9	252.5
1723 Cordage, rope, twine and netting		162	234	234	4.6		4.6	4.6	4.6	4.6		93.6	93.6	93.6	52.1
1729 Other textiles n.e.c.		43	38	38	2.7		2.0	2.0	2.0	2.7		54.1	54.1	54.1	60.8
1730 Knitted and crocheted fabrics and articles		1225	1307	1307	44.2		17.6	17.6	17.6	44.2		351.0	351.0	351.0	889.1
1810 Wearing apparel, except fur apparel		2168	2412	2412	998.9		720.5	720.5	720.5	998.9		15067.5	15067.5	15067.5	15582.8
1820 Dressing & dyeing of fur; processing of fur		...	...	...	...		...	...	...	...		...	...	...	...
191 Tanning, dressing and processing of leather		198	184	184	10.3		11.4	11.4	11.4	10.3		277.4	277.4	277.4	269.9
1911 Tanning and dressing of leather		186	172	172	9.8		11.1	11.1	11.1	9.8		267.6	267.6	267.6	253.0
1912 Luggage, handbags, etc.; saddlery & harness		12	12	12	0.4		0.4	0.4	0.4	0.4		9.8	9.8	9.8	16.9
1920 Footwear		108	29	29	17.1		62.9	62.9	62.9	17.1		1735.9	1735.9	1735.9	411.2
2010 Sawmilling and planing of wood		869	966	966	10.0		5.8	5.8	5.8	10.0		125.3	125.3	125.3	243.4
202 Products of wood, cork, straw, etc.		333	437	437	4.7		3.8	3.8	3.8	4.7		124.2	124.2	124.2	137.1
2021 Veneer sheets, plywood, particle board, etc.		26	27	27	3.0		2.6	2.6	2.6	3.0		104.9	104.9	104.9	107.3
2022 Builders' carpentry and joinery		6	6	6	0.3		0.3	0.3	0.3	0.3		7.3	7.3	7.3	6.6
2023 Wooden containers		...	...	...	...		...	...	...	...		...	...	...	...
2029 Other wood products; articles of cork/straw		301	404	404	1.4		1.0	1.0	1.0	1.4		12.0	12.0	12.0	23.3
210 Paper and paper products		81	84	84	13.8		11.5	11.5	11.5	13.8		319.1	319.1	319.1	464.4
2101 Pulp, paper and paperboard		19	17	17	10.0		5.6	5.6	5.6	10.0		170.0	170.0	170.0	356.4
2102 Corrugated paper and paperboard		57	62	62	3.6		5.6	5.6	5.6	3.6		139.6	139.6	139.6	103.1
2109 Other articles of paper and paperboard		5	5	5	0.2		0.3	0.3	0.3	0.2		9.4	9.4	9.4	4.9
221 Publishing of books and other publications		438	411	411	26.4		23.6	23.6	23.6	26.4		961.0	961.0	961.0	1389.5
2211 Publishing of newspapers, journals, etc.		166	151	151	2.4		3.0	3.0	3.0	2.4		52.9	52.9	52.9	48.9
2212 Publishing of newspapers, journals, etc.		258	246	246	23.7		20.1	20.1	20.1	23.7		901.5	901.5	901.5	1336.1
2213 Publishing of recorded media		14	14	14	0.3		0.4	0.4	0.4	0.3		6.6	6.6	6.6	4.4
2219 Other publishing		...	...	...	...		...	...	...	...		...	...	...	...

222 Printing and related service activities	482	...	...	...	6.1	...	126.6	...	465.0
221 Printing	424	...	...	...	5.4	...	116.8	...	459.1
222 Service activities related to printing	58	...	...	...	0.7	...	9.9	...	5.9
2230 Reproduction of recorded media	...	...	...	...	...	...	...	...	...
2310 Coke oven products	4	...	...	...	0.1	...	2.2	...	3.4
2320 Refined petroleum products	1	...	...	...	0.7	...	34.7	...	41.1
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...
241 Basic chemicals	40	...	...	...	7.8	...	539.1	...	359.9
2411 Basic chemicals, except fertilizers	26	...	...	...	1.0	...	161.9	...	101.0
2412 Fertilizers and nitrogen compounds	7	...	...	...	6.7	...	376.3	...	346.7
2413 Plastics in primary forms; synthetic rubber	7	...	...	...	0.1	...	0.9	...	3.2
242 Other chemicals	618	...	...	...	34.5	...	1640.7	...	1914.4
2421 Pesticides and other agro-chemical products	4	...	...	...	0.5	...	13.8	...	12.7
2422 Paints, varnishes, printing ink and pastics	29	...	...	...	1.2	...	67.0	...	115.2
2423 Pharmaceuticals, medicinal chemicals, etc.	245	...	...	...	22.7	...	1310.6	...	1423.2
2424 Soap cleaning & cosmetic preparations	340	...	...	...	10.1	...	249.4	...	363.3
2429 Other chemical products n.e.c.	44	...	...	...	7.6	...	117.5	...	151.4
2430 Man-made fibres	...	...	...	...	...	...	...	...	...
251 Rubber products	209	...	...	...	4.1	...	58.5	...	66.5
2511 Rubber tyres and tubes	17	...	...	...	0.3	...	5.8	...	4.8
2519 Other rubber products	192	...	...	...	3.8	...	52.7	...	61.8
2520 Plastic products	210	...	...	...	5.0	...	79.1	...	74.5
2610 Glass and glass products	30	...	...	...	3.2	...	81.9	...	175.6
269 Non-metallic mineral products n.e.c.	1714	...	...	...	48.4	...	626.1	...	1400.9
2691 Pottery, china and earthenware	340	...	...	...	5.6	...	158.8	...	5.6
2692 Refractory ceramic products	1346	...	...	...	39.4	...	351.3	...	409.0
2693 Struct.non-refractory clay; ceramic products	2	...	...	...	0.1	...	8.1	...	3.0
2694 Cement, lime and plaster	11	...	...	...	2.9	...	91.7	...	965.4
2695 Articles of concrete, cement and plaster	11	...	...	...	0.2	...	2.5	...	5.4
2696 Cutting, shaping & finishing of stone	5	...	...	...	0.1	...	13.8	...	12.4
2699 Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...
2710 Basic iron and steel	242	...	...	...	17.4	...	578.9	...	393.4
2720 Basic precious and non-ferrous metals	2	...	...	...	-	...	0.7	...	...
273 Casting of metals	...	...	...	...	...	...	...	...	...
2731 Casting of iron and steel	...	...	...	...	...	...	...	...	...
2732 Casting of non-ferrous metals	...	...	...	...	...	...	...	...	...
281 Struct.metal products;tanks;steam generators	257	...	...	...	8.0	...	355.9	...	221.3
2811 Structural metal products	134	...	...	...	3.8	...	105.8	...	98.9
2812 Tanks, reservoirs and containers of metal	123	...	...	...	4.2	...	250.1	...	122.4
2813 Steam generators	...	...	...	...	...	...	...	...	...
289 Other metal products; metal working services	410	...	...	...	15.7	...	245.4	...	248.6
2891 Metal forging/pressing/stamping/roll-forming	59	...	...	...	2.7	...	44.0	...	32.8
2892 Treatment & coating of metals	17	...	...	...	1.2	...	23.5	...	7.6
2893 Cutlery, hand tools and general hardware	335	...	...	...	11.9	...	177.8	...	208.2
2899 Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...	...
291 General purpose machinery	28	...	...	...	0.4	...	7.8	...	76.1
2911 Engines & turbines(not for transport equip.)	2	...	...	...	...	...	...	...	32.5
2912 Pumps, compressors, taps and valves	...	...	...	...	...	...	...	...	...
2913 Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...	...
2914 Ovens, furnaces and furnace burners	28	...	...	...	0.4	...	7.8	...	43.7
2915 Lifting and handling equipment	...	...	...	...	...	...	...	...	...
2919 Other general purpose machinery	128	...	...	...	5.4	...	150.7	...	66.4
292 Special purpose machinery	25	...	...	...	2.9	...	74.7	...	18.5
2921 Agricultural and forestry machinery	86	...	...	...	1.5	...	26.8	...	36.3
2922 Machine tools	...	...	...	...	...	...	...	...	...
2923 Machinery for metallurgy	...	...	...	...	...	...	...	...	...
2924 Machinery for mining & construction	...	...	...	...	...	...	...	...	...
2925 Food/beverage/tobacco processing machinery	3	...	...	...	-	...	0.3	...	2.4
2926 Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...
2927 Weapons and ammunition	14	...	...	...	1.0	...	48.9	...	9.2
2929 Other special purpose machinery
2930 Domestic appliances n.e.c.	22	65.2

continued

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ISIC Revision 3	Number of establishments			Number of employees			Wages and salaries paid to employees								
	Note	(numbers)			(thousands)			(million TAKA)							
		1994	1995	1996	1997a/	1994	1995	1996	1997a/	1994	1995	1996	1997a/		
		1994	1995	1996	1997a/	Note	1994	1995	1996	1997a/	Note	1994	1995	1996	1997a/
ISIC Industry															
3000 Office, accounting and computing machinery	3														
3110 Electric motors, generators and transformers	28			28											5.2
3120 Electricity distribution & control apparatus															74.0
3130 Insulated wire and cable	33			12											334.4
3140 Accumulators, primary cells and batteries	29			87											111.4
3150 Lighting equipment and electric lamps	15			15											634.9
3190 Other electrical equipment n.e.c.	143			143											74.1
3210 Electronic valves, tubes, etc.															
3220 TV/radio transmitters; line comm. apparatus	32			32											
3230 TV and radio receivers and associated goods															
3311 Medical, measuring, testing appliances, etc.	12			12											2.5
3312 Measuring/testing/navigating appliances, etc.	1			1											0.3
3313 Industrial process control equipment	11			11											2.2
3320 Optical instruments & photographic equipment	17			37											6.0
3330 watches and clocks															
3410 Motor vehicles	95			95											806.7
3420 Automobile bodies, trailers & semi-trailers															
3430 Parts/accessories for automobiles															
351 Building and repairing of ships and boats	100			94											618.0
3511 Building and repairing of ships	35			35											352.8
3512 Building/repairing of pleasure/sport. boats	65			59											265.2
3520 Railway/tramway locomotives & rolling stock															
3530 Aircraft and spacecraft	80			80											149.3
359 Transport equipment n.e.c.	44			44											144.4
3591 Motorcycles	35			35											4.7
3592 Bicycles and invalid carriages	1			1											0.2
3599 Other transport equipment n.e.c.															
3610 Furniture	575			425											145.1
369 Manufacturing n.e.c.	226			360											89.9
3691 Jewellery and related articles	154			280											14.1
3692 Musical instruments	5			5											1.1
3693 Sports goods	7														1.7
3694 Games and toys															
3699 Other manufacturing n.e.c.	60			75											74.8
3710 Recycling of metal waste and scrap															
3720 Recycling of non-metal waste and scrap															
D Total manufacturing	28920			28968											41032.4

a/ Data are provisional.

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ISIC Revision 3

ISIC Industry	Output in factor values (million TAKA)				Value added in factor values (million TAKA)				Gross fixed capital formation (million TAKA)				
	Note	1994	1995	1996	1997a/	Note	1994	1995	1996	1997a/	Note	1996	1997a/
		1994	1995	1996	1997a/		1994	1995	1996	1997a/			
151 Processed meat, fish, fruit, vegetables, fats		43915.5	49623.7	...	...	...	6545.1	...	...	9578.5	...	...	972.1
1511 Processing/preserving of meat	
1512 Processing/preserving of fish		16937.9	17667.8	...	...	...	2438.7	...	...	4693.9	...	...	474.0
1513 Processing/preserving of fruit & vegetables		13358.7	17300.9	...	...	...	2119.7	...	...	2196.1	...	...	53.1
1514 Vegetable and animal oils and fats		13618.9	14655.0	...	...	...	1986.8	...	...	2688.5	...	...	445.0
1520 Dairy products		4133.3	9135.1	...	...	...	1032.6	...	...	3770.0	...	...	1085.2
153 Grain mill products; starches; animal feeds		7112.9	7416.1	...	...	...	947.0	...	...	906.2	...	...	11.7
1531 Grain mill products		7099.1	7388.2	...	...	...	941.8	...	...	794.5	...	...	11.7
1532 Starches and starch products		13.8	28.0	...	...	...	5.2	...	...	111.8	...	...	...
1533 Prepared animal feeds		18290.8	16380.6	...	...	...	5811.2	...	...	5284.9	...	...	406.1
154 Other food products		6304.9	3159.1	...	...	...	1626.2	...	...	1021.3	...	...	29.4
1541 Bakery products		11064.3	11834.1	...	...	...	3861.0	...	...	3855.3	...	...	346.0
1542 Sugar		212.7	450.5	...	...	...	67.1	...	...	165.2	...	...	27.8
1543 Cocoa, chocolate and sugar confectionery		708.9	936.8	...	...	...	257.0	...	...	243.2	...	...	2.8
1544 Macaroni, noodles & similar products	
1549 Other food products n.e.c.		1790.3	7205.6	...	...	...	1159.3	...	...	4094.7	...	...	572.5
155 Beverages		463.7	464.0	...	...	...	415.4	...	...	365.2	...	...	0.2
1551 Distilling, rectifying & blending of spirits		189.7	...	...	6.0
1562 Wines	
1553 Malt liquors and malt		1326.6	6331.1	...	...	...	743.9	...	...	3539.7	...	...	566.4
1554 Soft drinks; mineral waters	
1600 Tobacco products		45351.9	30395.5	...	...	...	35328.3	...	...	22150.9	...	...	1018.3
171 Spinning, weaving and finishing of textiles		56041.0	55752.8	...	...	...	19003.3	...	...	19627.8	...	...	7304.4
1711 Textile fibre preparation; textile weaving		21676.6	26329.5	...	...	...	5545.4	...	...	8295.4	...	...	4233.0
1712 Finishing of textiles		34364.4	29423.3	...	...	...	13457.9	...	...	11332.4	...	...	3071.4
172 Other textiles		6278.4	2546.0	...	...	...	5043.1	...	...	1325.3	...	...	95.6
1721 Made-up textile articles, except apparel		379.3	614.3	...	...	...	105.2	...	...	168.3	...	...	33.6
1722 Carpets and rugs		2644.2	1178.3	...	...	...	2089.3	...	...	667.4	...	...	32.2
1723 Cordage, rope, twine and netting		3056.2	495.7	...	...	...	322.9	...	...	322.9	...	...	6.6
1729 Other textiles n.e.c.		203.2	257.7	...	...	...	132.1	...	...	166.8	...	...	23.3
1730 Knitted and crocheted fabrics and articles		4918.9	12642.4	...	...	...	-41.1	...	...	2664.2	...	...	4.4
1810 Wearing apparel, except fur apparel		139826.7	161432.6	...	...	...	43428.8	...	...	39762.2	...	...	1143.7
1820 Dressing & dyeing of fur; processing of fur	
191 Tanning, dressing and processing of leather		11279.0	12871.0	...	...	...	1150.0	...	...	1775.0	...	...	103.7
1911 Tanning and dressing of leather		11253.1	12823.7	...	...	...	1134.6	...	...	1747.0	...	...	101.4
1912 Luggage, handbags, etc.; saddlery & harness		25.9	47.4	...	...	...	15.4	...	...	28.0	...	...	2.3
1920 Footwear		26175.8	5326.0	...	...	...	12420.0	...	...	2447.0	...	...	81.9
2010 Sawmilling and planing of wood		919.5	1022.8	...	...	...	257.2	...	...	639.2	...	...	8.5
202 Products of wood, cork, straw, etc.		571.2	1032.0	...	...	...	208.0	...	...	455.3	...	...	18.3
2021 Veneer sheets, plywood, particle board, etc.		414.3	813.4	...	...	...	100.1	...	...	350.8	...	...	18.0
2022 Builders' carpentry and joinery		36.2	39.0	...	...	...	13.8	...	...	12.0	...	...	...
2023 Wooden containers		120.7	179.6	...	...	...	94.1	...	...	92.6	...	...	0.3
210 Paper and paper products		8877.3	5951.4	...	...	...	2916.3	...	...	1437.0	...	...	194.6
2101 Pulp, paper and paperboard		5472.6	3367.6	...	...	...	2059.6	...	...	576.8	...	...	185.3
2102 Corrugated paper and paperboard		3325.5	2440.4	...	...	...	815.8	...	...	808.4	...	...	7.3
2109 Other articles of paper and paperboard		79.2	143.4	...	...	...	30.8	...	...	51.8	...	...	2.0
221 Publishing of books and other publications		8017.4	9630.8	...	...	...	4171.5	...	...	4326.7	...	...	3.1
2211 Publishing of newspapers, journals, etc.		404.7	332.3	...	...	...	156.6	...	...	75.4	...	...	0.4
2212 Publishing of newspapers, journals, etc.		7509.0	9181.2	...	...	...	3999.5	...	...	4234.5	...	...	2.6
2213 Publishing of recorded media	
2219 Other publishing		103.8	117.3	...	...	...	15.4	...	...	16.7	...	...	...

continued

Bangladesh

ISIC Industry	Output in factor values (million TAKA)				Value added in factor values (million TAKA)				Gross fixed capital formation (million TAKA)	
	Note	1994	1995	1996	1997a/	Note	1994	1995	1996	1997a/
		1994	1995	1996	1997a/		1994	1995	1996	1997a/
ISIC Industry	Note	1994	1995	1996	1997a/	Note	1994	1995	1996	1997a/
2221 Printing and related service activities		...	843.6	...	2552.0		...	371.6	...	1583.2
2222 Printing		...	823.0	...	2539.3		...	354.1	...	1572.4
2223 Service activities related to printing		...	20.6	...	12.7		...	17.5	...	10.8
2230 Reproduction of recorded media		...	...	...	...		...	...	...	...
2310 Coke oven products		...	136.2	...	172.5		...	29.4	...	46.0
2320 Refined petroleum products		...	1107.5	...	1137.9		...	828.4	...	898.6
2330 Processing of nuclear fuel		...	...	...	...		...	...	...	...
2411 Basic chemicals		...	1988.2	...	11381.7		...	6005.5	...	6080.5
2412 Basic chemicals, except fertilizers		...	1331.4	...	113.0		...	664.2	...	38.8
2413 Fertilizers and nitrogen compounds		...	10651.7	...	11241.1		...	5339.0	...	6029.8
2414 Plastics in primary forms; synthetic rubber		...	5.0	...	27.5		...	2.3	...	11.8
242 Other chemicals		...	29821.2	...	32317.5		...	13747.4	...	13849.1
2421 Pesticides and other agro-chemical products		...	196.0	...	136.5		...	108.4	...	55.5
2422 Paints, varnishes, printing ink and mastics		...	1337.3	...	2284.2		...	670.4	...	782.6
2423 Pharmaceuticals, medicinal chemicals, etc.		...	17444.0	...	19086.1		...	8055.7	...	7929.2
2424 Soap, cleaning & cosmetic preparations		...	10843.9	...	10810.7		...	4912.9	...	5081.8
2429 Other chemical products n.e.c.		...	1138.2	...	930.3		...	500.9	...	389.3
251 Rubber products		...	647.7	...	787.6		...	280.2	...	185.7
2511 Rubber tyres and tubes		...	74.2	...	51.3		...	21.8	...	24.1
2519 Other rubber products		...	573.5	...	736.3		...	258.4	...	161.6
2520 Plastic products		...	900.8	...	1107.0		...	292.8	...	591.0
2610 Glass and glass products		...	1021.2	...	2015.5		...	482.5	...	866.9
269 Non-metallic mineral products n.e.c.		...	9755.2	...	25325.4		...	4279.7	...	19571.8
2691 Pottery, china and earthenware		...	1348.7	...	31.2		...	597.9	...	17.7
2692 Refractory ceramic products		...	3725.7	...	4760.7		...	2009.7	...	2648.8
2693 Struct-non-refractory clay; ceramic products		...	48.8	...	47.9		...	28.8	...	35.0
2694 Cement, lime and plaster		...	4444.2	...	20266.8		...	1557.9	...	16776.9
2695 Articles of concrete, cement and plaster		...	13.8	...	62.0		...	7.5	...	30.2
2696 Cutting, shaping & finishing of stone		...	174.1	...	156.8		...	77.9	...	63.2
2699 Other non-metallic mineral products n.e.c.		...	21025.6	...	17586.5		...	5859.9	...	4993.8
2710 Basic iron and steel		...	9.8	...	1.0		...	1.0	...	...
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		...	4180.3	...	2631.0		...	1346.3	...	679.1
2811 Structural metal products		...	2701.9	...	1241.7		...	788.2	...	429.7
2812 Tanks, reservoirs and containers of metal		...	1478.4	...	1389.3		...	558.0	...	249.4
2813 Steam generators		...	...	...	...		...	...	...	...
289 Other metal products; metal working services		...	2986.5	...	3477.9		...	788.5	...	1396.2
2891 Metal forging/pressing/stamping/roll-forming		...	409.3	...	245.7		...	139.5	...	80.6
2892 Treatment & coating of metals		...	...	...	...		...	...	...	...
2893 Cutlery, hand tools and general hardware		...	106.8	...	275.0		...	54.3	...	52.1
2899 Other fabricated metal products n.e.c.		...	2470.4	...	2957.1		...	594.7	...	1265.6
291 General purpose machinery		...	46.3	...	349.2		...	22.0	...	101.1
2911 Engines & turbines(not for transport equip.)		...	...	...	31.1		...	...	...	15.0
2912 Pumps, compressors, taps and valves		...	...	...	...		...	...	...	...
2913 Bearings, gears, gearing & driving elements		...	...	...	...		...	...	...	...
2914 Ovens, furnaces and furnace burners		...	46.3	...	318.2		...	22.0	...	86.1
2915 Lifting and handling equipment		...	...	...	...		...	...	...	...
2919 Other general purpose machinery		...	...	...	...		...	...	...	...

292 Special purpose machinery	1622.1	456.2	629.5	153.9	10.2
2921 Agricultural and forestry machinery	1153.5	211.9	413.5	55.9	-
2922 Machine tools	250.9	182.6	64.7	60.4	10.1
2923 Machinery for metallurgy	...	...	...	...	...
2924 Machinery for mining & construction	...	...	...	...	...
2925 Food/beverage/tobacco processing machinery	1.2	12.5	0.7	12.1	-
2926 Machinery for textile, apparel and leather	...	...	...	...	...
2927 Weapons and ammunition	216.4	493.2	150.7	25.5	...
2929 Other special purpose machinery	...	...	...	266.7	65.1
2930 Domestic appliances n.e.c.	...	...	...	...	...
3000 Office, accounting and computing machinery	7.8	696.7	4.4	-	-
3110 Electric motors, generators and transformers	81.6	11.1	35.1	10.1	-
3120 Electricity distribution & control apparatus	...	...	...	...	...
3130 Insulated wire and cable	1826.0	11376.6	1149.2	10357.7	27.0
3140 Accumulators, primary cells and batteries	2379.3	4448.2	742.0	1512.6	235.8
3150 Lighting equipment and electric lamps	1176.5	1113.0	564.1	440.2	10.2
3190 Other electrical equipment n.e.c.	6732.8	1339.1	2273.8	578.4	-
3210 Electronic valves, tubes, etc.	...	...	...	...	...
3220 TV/radio transmitters; line comm. apparatus	1282.1	2003.6	447.9	802.6	3.4
3230 TV and radio receivers and associated goods	...	...	...	...	...
331 Medical, measuring, testing appliances, etc.	22.6	16.8	6.9	6.4	-
3311 Medical, surgical and orthopaedic equipment	2.0	1.5	1.4	1.0	-
3312 Measuring/testing/navigating appliances, etc.	...	...	...	...	...
3313 Industrial process control equipment	20.6	15.3	5.5	5.4	-
3320 Optical instruments & photographic equipment	20.4	26.3	8.0	12.6	0.1
3330 Watches and clocks	...	...	...	...	...
3410 Motor vehicles	1767.9	20790.2	864.1	9942.6	192.9
3420 Automobile bodies, trailers & semi-trailers	...	...	...	...	...
3430 Parts/accessories for automobiles	...	...	...	...	...
351 Building and repairing of ships and boats	13783.5	13361.7	-246.7	3881.4	23.8
3511 Building and repairing of ships	1587.0	1604.9	818.7	1128.2	23.6
3512 Building/repairing of pleasure/sport. boats	12196.4	11756.8	-1065.4	2753.2	0.2
3520 Railway/tramway locomotives & rolling stock	...	...	...	...	...
3530 Aircraft and spacecraft	...	...	...	...	...
3539 Transport equipment n.e.c.	656.8	15859.9	56.5	4025.0	-
3591 Motorcycles	247.4	15746.6	20.0	4009.5	-
3592 Bicycles and invalid carriages	408.3	112.3	36.1	15.2	-
3599 Other transport equipment n.e.c.	1.0	1.1	0.4	0.4	-
3610 Furniture	4833.2	917.0	729.9	356.9	2.1
369 Manufacturing n.e.c.	3155.0	2725.0	737.1	499.8	70.8
3691 Jewellery and related articles	...	...	...	...	...
3692 Musical instruments	49.0	55.5	14.6	49.3	-
3693 Sports goods	49.9	3.0	13.9	1.5	-
3694 Games and toys	25.3	...	5.2	...	...
3699 Other manufacturing n.e.c.	3057.5	2666.5	703.5	449.0	70.8
3710 Recycling of metal waste and scrap	...	...	...	...	...
3720 Recycling of non-metal waste and scrap	...	...	...	...	...
D Total manufacturing	508460.1	565771.0	182222.7	204226.3	16078.9

a/ Data are provisional.

Bangladesh

ISIC Industry	Index numbers of industrial production (1990=100)											
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
15 Food and beverages	...	...	...	...	...	...	...	...	...	...	...	...
16 Tobacco products	102	89	100	132	137	153	170	205	208	218	240	261
17 Textiles	93	97	100	93	93	97	94	87	86	89	93	89
18 Wearing apparel, fur	66	90	100	142	207	242	246	319	396	457	580	640
19 Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)	...	...	100	99	98	89	104	105	116	119	115	119
21 Paper and paper products	80	92	100	97	95	96	97	89	88	72	49	64
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	...	...	100	95	89	96	111	193	120	149	158	213
27 Basic metals	97	107	100	80	62	66	118	196	170	185	206	175
28 Fabricated metal products	...	...	...	...	...	...	...	...	...	...	...	...
29 Machinery and equipment n.e.c.	114	93	100	104	107	112	61	33	35	79	123	71
30 Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus	81	90	100	76	77	79	88	101	97	90	143	111
32 Radio, television and communication equipment	...	...	100	92	85	116	135	135	120	170	270	181
33 Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers	56	88	100	84	85	73	55	65	59	60	66	63
35 Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture; manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37 Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing	91	92	100	104	113	131	142	151	160	166	181	187

a/ 34 includes 35.

BERMUDA

<p>Supplier of information: Statistics Department, Bermuda.</p> <p>Basic source of data: Employment survey.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Not reported.</p> <p>Method of enumeration: Questionnaires are distributed by mail.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications:</p>
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222 Printing and related service activities	171	...
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	24	...
2422 Paints, varnishes, printing ink and mastics	...	...
2423 Pharmaceuticals, medicinal chemicals, etc.	...	...
2424 Soap, cleaning & cosmetic preparations	6	...
2425 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	1	...
2610 Glass and glass products	...	...
269 Non-metallic mineral products n.e.c.	5	...
2691 Pottery, china and earthenware	4	...
2692 Refractory ceramic products	...	...
2693 Struct.non-refractory clay; ceramic products	...	...
2694 Cement, lime and plaster	110	...
2695 Articles of concrete, cement and plaster	...	...
2696 Cutting, shaping & finishing of stone	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 castals	...	...
2731 Casting of iron and steel	...	...
2732 Casting of non-ferrous castals	...	...
281 Struct.met.al products;tanks;steam generators	...	...
2811 Structural metal products	10	...
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.	34	...
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.	3	...

cont inued

Bermuda

ISIC Revision 3	Number of establishments				Number of persons engaged				Wages and salaries paid to employees (million DOLLARS)				
	Note	(numbers)			Note	(numbers)			Note	(million DOLLARS)			
		1996	1997	1998		1999	1996	1997		1998	1999		
ISIC Industry													
3000 Office, accounting and computing machinery	
3110 Electric motors, generators and transformers	
3120 Electricity distribution & control apparatus		2	...	...	...	4	...	...	...	...	...
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		1	...	...	...	1	...	...	...	...	...
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		30	...	...	...	75	...	...	...	...	...
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		49	...	...	...	127	...	...	...	...	...
369 Manufacturing n.e.c.		5	...	...	...	10	...	...	...	...	...
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		196	...	...	...	1208	...	...	...	...	...

BOLIVIA

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

ISIC Industry	Number of enterprises (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (thousand BOLIVIANOS)						
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	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		71	69	69	67		4068	4899	5178	4733		51929	82968	95352	88849
1511 Processing/preserving of meat		50	47	46	45		2388	2331	2354	2183		22903	29739	28693	29851
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	2124	2431	2160		26037	48173	62990	54320
1520 Dairy products		45	44	44	35		1431	1379	1301	1301		14878	12565	15729	21223
153 Dairymilk products; starches; animal feeds		47	50	50	39		758	915	878	1246		9234	12147	21710	17468
1531 Grain mill products		35	36	36	30		638	735	720	1153		7640	10564	19984	16413
1532 Starches and starch products		-	14	14	-		160	181	158	93		1593	1583	1727	1055
1533 Prepared animal feeds		187	189	190	167		4051	4099	4030	3755		46742	49153	56988	55093
154 Other food products		100	102	98	85		1354	1406	1422	1073		7779	9760	13053	9463
1541 Bakery products		6	6	6	6		1339	1148	1103	895		28210	26315	28699	25410
1542 Sugar		15	16	14	12		234	272	246	2179		1484	219	1935	2095
1543 Cocoa, chocolate and sugar confectionery		26	28	31	28		454	558	599	864		3629	4497	5900	10762
1544 Macaroni, noodles & similar products		40	37	37	36		670	715	660	644		5640	6402	7401	10762
1549 Other food products n.e.c.		65	65	65	64		5153	5466	5292	5595		106158	124660	124175	152303
155 Beverages		9	9	9	10		481	489	628	532		4491	4567	9194	7415
1551 Distilling, rectifying & blending of spirits		6	6	7	8		81	62	80	77		837	723	944	1073
1552 Wines		9	9	9	9		2054	1917	1810	1942		63518	74472	72267	82723
1553 Malt liquors and malt		40	41	39	37		2537	2998	2774	3044		33312	44898	41772	61092
1554 Soft drinks; mineral waters															
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		2791	3233	3120	2946		22796	27832	31386	35703
1711 Textile fibre preparation; textile weaving		36	38	42	33		2771	3207	3120	2931		22673	27595	31386	35540
1712 Finishing of textiles		2	2	1	1		20	26	26	15		123	237	237	162
172 Other textiles		23	24	23	21		466	502	507	548		2652	3193	3652	6781
1721 Made-up textile articles, except apparel		11	12	12	12		298	320	343	314		1532	1796	2093	4437
1722 Carpets and rugs		3	3	3	3		12	12	10	10		157	138	148	236
1723 Carpets and rugs		3	3	3	3		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	1531
1730 Knitted and crocheted fabrics and articles		34	33	36	35		880	915	904	803		6117	7187	7799	7007
1810 Wearing apparel, except fur apparel		88	85	77	71		1960	1852	1997	1807		14485	12553	19419	22049
1820 Dressing & dyeing of fur; processing of fur		2	2	2	1		-	-	-	-		-	-	-	-
191 Tanning, dressing and processing of leather		36	36	32	31		1167	1148	1033	1001		7066	8404	9232	10451
1911 Tanning and dressing of leather		29	29	26	24		967	940	860	846		6004	6645	7657	8784
1912 Luggage, handbags, etc.; saddlery & harness		7	7	7	7		200	208	173	155		1062	1574	1574	1666
1920 Footwear		30	28	28	21		1025	946	1215	1149		11486	11009	6987	5510
2010 Sawmilling and planing of wood		105	106	99	82		1903	2326	1926	1515		14750	23745	21034	15811
202 Products of wood, cork, straw, etc.		52	57	51	42		1296	875	936	1023		8974	7455	8419	11618
2021 Veneer sheets, plywood, particle board, etc.		7	8	8	6		778	377	388	296		5934	3648	4133	3857
2022 Builders' carpentry and joinery		42	47	41	33		518	496	544	719		3040	3807	4249	7715
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	1849	2028	2130		24037	28806	43833	50047
2101 Pulp, paper and paperboard		3	3	3	2		18	19	20	26		441	536	536	768
2102 Corrugated paper and paperboard		7	9	9	8		69	168	181	169		1034	2889	2272	2809
2109 Other articles of paper and paperboard		19	19	20	20		1568	1662	1827	1935		22562	25994	40408	46469
221 Publishing of books and other publications		29	30	35	38		1157	1171	1286	1492		17909	21024	28528	32557
2211 Publishing of newspapers, journals, etc.		11	10	14	17		141	136	155	213		1290	1430	1809	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	174	226	315

221 Printing and related service activities	121	123	118	94	1181	1305	1136	950	8666	11181	11462	10289
222 Printing activities related to printing	120	122	117	94	1181	1305	1136	950	8666	11181	11462	10289
2222 Service activities of recorded media	1	1	1	4	185	212	228	232	1256	2285	3196	2187
2230 Reproduction of recorded media	3	3	4	4	-	-	-	-	-	-	-	-
2310 Coke oven products	-	5	6	5	958	869	929	821	39149	38432	48739	54410
2320 Refined petroleum products	-	-	-	-	-	-	-	-	-	-	-	-
2330 Processing of nuclear fuel	-	-	-	-	-	-	-	-	-	-	-	-
2411 Basic chemicals	22	21	24	21	325	336	283	237	5126	5459	5405	6008
2412 Fertilizers, except fertilizers	18	18	20	18	301	329	274	237	4961	5407	5336	6008
2413 Fertilizers and nitrogen compounds	-	-	-	-	-	-	-	-	-	-	-	-
2414 Plastics in primary forms; synthetic rubber	4	3	4	3	24	7	9	-	165	52	69	-
2421 Pesticides and other agro-chemical products	67	69	69	61	2329	2468	2657	2634	36257	45059	44401	52412
2422 Plastics, varnishes, printing ink and mastics	3	3	2	2	-	12	10	10	-	241	282	288
2423 Pharmaceuticals, medicinal chemicals, etc.	7	8	8	8	237	241	255	290	5130	5731	6579	3454
2424 Soap, cleaning & cosmetic preparations	29	28	30	28	1545	1556	1645	1731	24871	30428	28117	29529
2429 Other chemical products n.e.c.	20	22	20	14	482	582	639	480	5263	7564	7997	17609
2430 Man-made fibres	8	8	9	1	65	77	108	113	992	1134	1426	1432
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	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	1820	1837	2208	2570	16368	18278	23228	32474
2610 Glass and glass products	11	12	12	13	422	468	498	516	5905	7132	11470	12249
2619 Non-metallic mineral products n.e.c.	158	158	159	153	3530	3800	4124	4295	53188	56849	71324	88303
2691 Pottery, china and earthenware	1	-	-	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	1653	1663	1702	10733	15136	16671	16903
2694 Cement, lime and plaster	14	13	16	16	1024	994	1184	1345	32937	31782	41888	56449
2695 Articles of concrete, cement and plaster	45	46	54	50	814	955	1087	1020	8245	8505	11587	13047
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	6	8	1100	1084	1021	823	18439	19464	21198	23863
273 Casting of metals	13	12	12	12	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 Structural metal products; tanks; steam generators	53	53	40	36	589	617	577	598	4361	5442	5264	6504
2811 Structural metal products	48	48	35	31	465	488	406	408	3330	4349	3741	4710
2812 Tanks, reservoirs and containers of metal	5	5	5	5	124	129	171	190	1031	1093	1523	1794
2813 Steam generators	87	86	69	54	780	1049	925	876	7338	13721	13627	13736
289 Other metal products; metal working services	-	-	-	-	-	-	-	-	-	-	-	-
2891 Metal forging/pressing/stamping/roll-forming	19	17	7	5	-	-	8	2	-	-	29	15
2892 Treatment & coating of metals	3	3	2	1	-	-	-	-	-	-	13598	13721
2893 Cutlery, hand tools and general hardware	65	66	60	48	780	1049	917	874	7338	13721	13598	13721
2899 Other fabricated metal products n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
291 General purpose machinery	12	12	12	10	92	131	178	145	1058	1817	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	107	144	124	734	1398	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	145	157	135	2	871	1096	1126	8
292 Special purpose machinery	15	13	13	15	18	12	58	12	70	58	604	1349
2921 Agricultural and forestry machinery	3	2	1	5	65	63	61	71	462	560	604	655
2922 Machine tools	5	4	5	5	-	-	-	-	-	-	-	-
2923 Machinery for metallurgy	-	-	-	-	50	69	69	82	279	419	482	602
2924 Machinery for mining & construction	4	4	4	5	-	-	-	-	-	-	-	-
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

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ISIC Industry	Number of enterprises (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (thousand BOLIVIANOS)						
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	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		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		12	81	75	72		43	481	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		74	77	105	109		661	921	1342	1333
3330 Watches and clocks		-	-	-	-		-	-	-	-		-	-	-	-
3410 Motor vehicles		23	21	20	13		255	322	294	167		1961	5868	5312	3296
3420 Automobile bodies, trailers & semi-trailers		16	14	13	12		201	205	192	249		1090	2213	1310	2550
3430 Parts/accessories for automobiles		-	-	-	-		-	-	-	-		-	-	-	-
351 Building and repairing of ships and boats		1	1	1	-		-	-	-	-		-	-	-	-
3511 Building and repairing of ships		1	1	1	-		-	-	-	-		-	-	-	-
3512 Building/repairing of pleasure/sport. boats		-	-	-	1		-	-	-	3		-	-	-	31
3520 Railway/tramway locomotives & rolling stock		-	-	-	-		-	-	-	-		-	-	-	-
3530 Aircraft and spacecraft		2	3	2	2		-	18	-	-		-	74	-	-
359 Transport equipment n.e.c.		2	3	2	2		-	18	-	-		-	74	-	-
3591 Motorcycles		-	-	-	-		-	-	-	-		-	-	-	-
3592 Bicycles and invalid carriages		-	-	-	-		-	-	-	-		-	-	-	-
3599 Other transport equipment n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-
3610 Furniture		170	173	142	123		2097	2359	1976	1992		13509	15801	17297	18617
369 Manufacturing n.e.c.		20	20	26	24		687	912	883	920		5841	6405	7167	7152
3691 Jewellery and related articles		11	11	18	15		615	823	842	855		5475	5881	6911	6600
3692 Musical instruments		-	-	-	-		-	-	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		47502	50895	51133	50464		589710	703472	806725	888859

ISIC Industry	Output in producers' prices (thousand BOLIVIANOS)				Value added in producers' prices (thousand BOLIVIANOS)				Gross fixed capital formation (thousand BOLIVIANOS)				
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
		1995	1996	1997	1998		1995	1996	1997	1998			
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		2581188	3176461	3589021	3557731		623791	756795	955791	845673		269894	165940
1511 Processing/preserving of meat		1646901	1821374	1922612	1880987		431702	478248	507344	479633		19631	-3616
1512 Processing/preserving of fish		2215	2240	2505	2743		399	506	519	647		12	-354
1513 Processing/preserving of fruit & vegetables		28075	52304	64308	61671		7867	13389	11160	14560		2273	-2476
1514 Vegetable and animal oils and fats		903997	1300543	1598696	1622330		183823	264652	436768	350634		247978	175617
1520 Dairy products		248061	215373	332779	332407		72270	39975	71643	91677		9438	2786
153 Grain mill products; starches; animal feeds		448795	492695	388561	408850		82654	69314	71348	67216		18444	32068
1531 Grain mill products		437295	479921	376850	403585		81187	67113	68198	66233		17771	32114
1532 Starches and starch products		11500	12773	11712	5266		1468	2201	3150	983		674	-46
1533 Prepared animal feeds		1032276	972338	1121656	965793		377168	313122	320641	295890		67259	38886
154 Other food products		102847	124846	165863	121843		26685	35888	38547	28418		11510	16564
1541 Bakery products		649150	559373	608154	528411		292109	221078	222382	199045		20886	20136
1542 Sugar		55542	6441	12612	15090		4804	5419	4493	7519		3641	1481
1543 Cocoa, chocolate and sugar confectionery		58140	78737	93801	127641		12452	16914	18106	28835		20027	-3394
1549 Other food products n.e.c.		208596	192942	244926	171807		41118	33823	37114	32073		11194	4100
155 Beverages		1125795	1185624	1343506	1623022		542796	490090	578456	759616		103015	131519
1551 Distilling, rectifying & blending of spirits		61550	65067	81348	79272		26509	24216	28679	30417		11194	7999
1552 Malt		710019	8936	13396	16231		2886	3291	4859	6380		-2192	4373
1553 Malt liquors and malt		343400	465738	538053	676195		376192	272441	329502	450709		27284	35710
1554 Soft drinks; mineral waters		81869	80847	82238	83953		137209	190142	215416	272110		81702	83437
1600 Tobacco products		243715	251544	270969	267713		25020	26575	27032	27948		-	578
171 Spinning, weaving and finishing of textiles		242837	250229	270969	267129		81670	89784	105507	117274		80254	86856
1711 Textile fibre preparation; textile weaving		877	1315	243	584		243	246	105507	117022		80254	86742
1712 Finishing of textiles		35903	44211	41923	50738		15730	17536	7123	2570		27432	20905
172 Other textiles		27045	35924	31970	34491		12303	15169	3213	19388		28426	18681
1721 Made-up textile articles, except apparel		1377	546	532	698		658	159	226	359		42	209
1722 Carpets and rugs		906	965	1209	4171		161	203	290	634		196	634
1723 Cordage, rope, twine and netting		6575	6777	8211	11379		2608	2004	3394	4516		-1232	1381
1729 Other textiles n.e.c.		45902	48488	49760	43071		19242	19545	18589	19338		8930	8691
1730 Knitted and crocheted fabrics and articles		127423	124784	129870	142391		36274	37982	41234	55120		1810	18222
1810 Wearing apparel, except fur apparel		-	-	-	-		-	-	-	-		-	-
1820 Dressing & dyeing of fur; processing of fur		120527	102566	112287	104638		27023	33360	26265	30324		12381	9654
191 Tanning, dressing and processing of leather		112544	94777	106181	98287		22831	29980	24657	27881		11089	11893
1911 Tanning and dressing of leather		7982	7790	6106	6351		419	3380	1708	2443		1233	-2339
1912 Luggage, handbags, etc.; saddlery & harness		119175	110720	164839	90202		54503	44956	62742	36667		-24477	-10034
1920 Footwear		256277	331269	241160	190833		68972	91641	64441	45225		11083	27234
2010 Sawmilling and planing of wood		96461	92003	112141	132559		40875	39919	41813	42889		16598	19028
202 Products of wood, cork, straw, etc.		65999	55731	73298	64020		30579	22527	29497	26195		7179	7970
2021 Veneer sheets, plywood, particle board, etc.		30462	36272	38667	67854		10295	17392	12243	16584		9394	11024
2022 Builders' carpentry and joinery		-	-	-	-		-	-	-	-		-	-
2023 Wooden containers		-	-	-	-		-	-	-	-		-	-
2029 Other wood products; articles of cork/straw		-	-	176	684		-	-	74	111		25	34
210 Paper and paper products		242358	254254	397915	485059		60148	129997	137430	98133		33139	25667
2101 Pulp, paper and paperboard		4042	7244	8320	11685		566	1065	1267	1678		567	-94
2102 Corrugated paper and paperboard		9978	26248	28676	22398		2992	7267	7103	8927		-1606	2056
2109 Other articles of paper and paperboard		228338	220762	360918	450976		56590	121665	129060	87528		34179	23605
221 Publishing of books and other publications		131144	164792	187829	203697		43892	62449	76409	73925		7909	4815
2211 Publishing of newspapers, journals, etc.		7981	12685	15609	22168		3662	4205	5802	11685		1801	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

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ISIC Industry	Output in producers' prices (thousand BOLIVIANOS)				Value added in producers' prices (thousand BOLIVIANOS)				Gross fixed capital formation (thousand BOLIVIANOS)	
	1995	1996	1997	1998	1995	1996	1997	1998	1997	1998
	Note						Note			
ISIC Industry										
222 Printing and related service activities	117885	138498	130934	111090	32289	43851	28590	31597	6169	4485
2221 Printing	117885	138498	130934	111090	32289	43851	28590	31597	6169	4485
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	3759957	3462926	1797146	2296378	2490006	2194025	61265	-57
2330 Processing of nuclear fuel										
241 Basic chemicals	41894	44480	53132	58037	17170	23752	27925	30187	4098	154
2411 Basic chemicals, except fertilizers	35900	43269	51849	58037	16588	23653	27643	30187	3693	154
2412 Fertilizers and nitrogen compounds										
2413 Plastics in primary forms; synthetic rubber	6594	1211	1283	560999	582	99	282	277278	405	29504
242 Other chemicals	350414	451685	507485	2533	149637	169874	158712	964	-11271	-664
2421 Pesticides and other agro-chemical products		3392	3080	66133		554	1302	78	78	78
2422 Paints, varnishes, printing ink and mastics	66264	59716	81260	228864	17750	17777	19139	13344	-105	4435
2423 Pharmaceuticals, medicinal chemicals, etc.	177860	216252	224709	228864	88316	115237	98314	119587	13450	23003
2424 Soap, cleaning & cosmetic preparations	98739	160633	182562	347683	39157	30312	34955	138423	-25034	5948
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	335	676	168	348	168	220	220	140	52	-73
2519 Other rubber products	3325	4226	7046	7392	1768	2154	3343	3569	1086	708
2520 Plastic products	201608	258218	273893	348169	62969	81262	78458	109581	42395	18890
2610 Glass and glass products	98223	97043	114084	129400	42492	34211	48661	57327	-9777	40597
269 Non-metallic mineral products n.e.c.	637600	643218	708077	919872	290970	281527	348232	401741	116820	156059
2691 Pottery, china and earthenware				74				38		-2
2692 Refractory ceramic products	1762	1438	812	964	833	648	426	526	261	128
2693 Struc non-refractory clay; ceramic products	85547	90535	92158	93449	39403	36703	40652	40522	7942	34956
2694 Cement, lime and plaster	461047	437408	493440	682962	208313	194954	253546	300839	103339	102961
2695 Articles of concrete, cement and plaster	83213	105429	111742	134155	39720	43914	50435	56368	5449	14130
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	41869	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 metal products;tanks;steam generators	74981	84327	84338	83209	19679	17225	16579	15354	-7040	1915
2811 Structural metal products	59177	70003	62352	59138	15141	14377	11761	11631	-8195	8035
2812 Tanks, reservoirs and containers of metal	15804	14324	21987	24070	4538	2848	4818	3723	1154	3681
2813 Steam generators										
289 Other metal products; metal working services	95505	126766	147852	138048	33501	58832	63428	56987	19427	34335
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.	95505	126766	147779	137978	33501	58832	63410	56976	19430	34329
291 General purpose machinery	7113	9593	12553	14391	2615	4453	5290	4013	1950	5346
2911 Engines & turbines(not for transport equip.)										
2912 Pumps, compressors, taps and valves										
2913 Bearings, gears, gearing & driving elements	4124	7653	10077	13025	1832	3629	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	7770	8982	3248	3729	4307	3819	796	279
2921 Agricultural and forestry machinery	2153	645	-	222	316	111	-	74	-	5
2922 Machine tools	2515	3381	3048	3455	1710	2155	2115	2165	-5	-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, appare and leather	-	-	-	-	-	-	-	-	-	-
2927 Weapons and ammunition	287	237	197	465	93	79	19	126	97	101
2929 Other special purpose machinery	1576	2020	982	1006	544	697	354	504	678	16
2930 Domestic appliances n.e.c.	-	-	-	-	-	-	-	-	-	-
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	6350	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	281	11497	13908	12613	52	4144	4816	4533	2620	3691
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	10166	11497	11561	10989	1954	2593	2792	2703	35	1878
3330 Watches and clocks	-	-	-	-	-	-	-	-	-	-
3410 Motor vehicles	-	-	-	-	-	-	-	-	-	-
3420 Automobile bodies, trailers & semi-trailers	34935	28311	35102	15905	6299	7110	8556	5657	-391	4176
3430 Parts/accessories for automobiles	12742	13799	15092	24768	4891	5867	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	-	-	-	361	-	-	-	69	-	-
3520 Railway/tramway locomotives & rolling stock	-	-	-	-	-	-	-	-	-	-
3530 Aircraft and spacecraft	-	-	-	-	-	170	-	-	-	-
359 Transport equipment n.e.c.	-	692	-	-	-	170	-	-	-	-
3591 Motorcycles	-	692	-	-	-	170	-	-	-	-
3592 Bicycles and invalid carriages	-	-	-	-	-	-	-	-	-	-
3599 Other transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3610 Furniture	99557	124518	117615	137019	26053	41837	38882	50268	10919	20703
369 Manufacturing n.e.c.	350984	406544	277919	194957	45620	59021	45634	85770	683	-1451
3691 Jewellery and related articles	346103	399938	276348	187442	44043	55483	44427	83599	673	-2524
3692 Musical instruments	-	-	80	-	-	-	28	-	17	-
3693 Sports goods	-	-	-	-	-	-	-	-	-	-
3694 Games and toys	855	796	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	12167609	13756220	15271604	15403303	4844995	5481121	6063866	6028910	899853	921666

Bolivia

ISIC Industry		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
15	Food and beverages	99	93	100	111	110	117	120	127	135	135	142	147	
16	Tobacco products	96	104	100	105	121	118	131	168	141	150	143	138	
17	Textiles	144	109	100	109	119	117	139	143	133	132	124	108	
18	Wearing apparel, fur	80	93	100	110	113	166	187	214	219	252	263	239	
19	Leather, leather products and footwear	70	71	100	105	121	134	132	147	160	177	182	170	
20	Wood products (excl. furniture)	...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products	...	...	...	...	...	...	...	...	...	...	...	...
22	Printing and publishing	79	98	100	103	118	121	111	106	89	107	131	185	
23	Coke, refined petroleum products, nuclear fuel	82	85	100	102	99	96	101	102	112	119	121	121	
24	Chemicals and chemical products	63	77	100	92	96	92	128	156	196	265	270	294	
25	Rubber and plastics products	91	98	100	118	138	159	172	191	221	236	237	280	
26	Non-metallic mineral products	86	93	100	105	111	118	131	146	147	157	168	171	
27	Basic metals	40	72	100	118	119	130	134	103	96	111	87	89	
28	Fabricated metal products	122	141	100	104	111	116	136	132	121	123	125	116	
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.	...	...	100	107	115	162	189	179	150	145	134	141
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	90	92	100	107	109	116	122	128	133	139	145	146	

Note

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 Industry	Number of establishments				Number of employees				Wages and salaries paid to employees (million PULA)				
	Note	(numbers)			Note	(numbers)			Note	(million PULA)			
		1996	1997	1998		1999	1996	1997		1998	1999		
ISIC Revision 3													
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	

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 2650.
 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.

Botswana

ISIC Industry	Output (million PULA)				Value added (million PULA)				Gross fixed capital formation (million PULA)				
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1997	1998
		1996	1997	1998	1999		1996	1997	1998	1999			
ISIC Industry													
151 Processed meat, fish, fruit, vegetables, fats		400.8	481.0	522.9	484.6		99.8	115.3	127.8	124.5		...	...
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		368.2	403.1	498.3	593.6		85.2	92.8	105.5	131.1		...	...
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		192.7	229.8	278.6	212.5	a/	53.6	60.3	69.1	54.2		...	...
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		24.7	25.6	28.2	18.8		7.3	7.8	8.5	5.7		...	...
1911 Tanning and dressing of leather	
1912 Luggage, handbags, etc.; saddlery & harness	
1920 Footwear	
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	
2101 Pulp, paper and paperboard	
2102 Corrugated paper and paperboard	
2109 Other articles of paper and paperboard	
221 Publishing of books and other publications	
2211 Publishing of newspapers, journals, etc.	
2212 Publishing of recorded media	
2213 Publishing of recorded media	
2219 Other publishing	

continued

Botswana

ISIC Revision 3	Output (million PULA)				Value added (million PULA)				Gross fixed capital formation (million PULA)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1997	1998	1999	
ISIC Industry	Note	.....	.....	.....	.....	Note	.....	.....	.....	.....
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		.....	.....	.....	.....		.....	.....	.....	.....
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		.....	.....	.....	.....		.....	.....	.....	.....
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		.....	.....	.....	.....		.....	.....	.....	.....
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.metall 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	...	...	...	...	...	...	...	...	...	...	...	...	...
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	...	4018.9	4780.4	5134.7	...	726.7	882.7	1011.3	1127.7	232.2	206.2	...	...

a/ 171 includes 172 and 1730.

BRAZIL

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

ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees			
	Note	(numbers)			Note	(thousands)			Note	(million REALS)		
		1995	1996	1997		1998	1995	1996		1997	1998	1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		2666	2761	2958		243.2	249.6	251.7		1703	1869	1728
1511 Processing/preserving of meat	
1512 Processing/preserving of fish	
1513 Processing/preserving of fruit & vegetables	
1514 Vegetable and animal oils and fats		3093	3579	3624		88.7	88.9	88.0		849	899	894
1520 Dairy products		2018	2131	2321		73.6	73.6	70.9		612	634	675
153 Grain mill products; starches; animal feeds	
1531 Grain mill products	
1532 Starches and starch products	
1533 Prepared animal feeds		12503	12172	13041		393.9	378.1	377.8		2177	2349	2422
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.		1500	1532	1542		209.6	177.5	147.8		1850	1770	1622
155 Beverages	
1551 Distilling, rectifying & blending of spirits	
1552 Wines	
1553 Malt liquors and malt	
1554 Soft drinks; mineral waters	
1600 Tobacco products		352	194	358		20.9	21.1	19.9		260	312	306
171 Spinning, weaving and finishing of textiles	
1711 Textile fibre preparation; textile weaving		2321	1735	1747		173.6	153.8	146.6		1127	1109	1083
1712 Finishing of textiles	
172 Other textiles		1748	1770	2162		84.1	77.5	81.2		587	596	586
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		849	836	854		30.8	26.2	24.7		207	185	158
1810 Wearing apparel, except fur apparel		15707a/	14788a/	15468a/		379.4a/	345.4a/	343.8a/		1568a/	1580a/	1568a/
1820 Dressing & dyeing of fur; processing of fur		...a/	...a/	...a/		...a/	...a/	...a/		...a/	...a/	...a/
1911 Tanning, dressing and processing of leather		1450	1638	1452		53.2	51.7	48.7		261	274	268
1912 Luggage, handbags, etc.; saddlery & harness	
1920 Footwear		2867	2825	2938		217.8	192.1	197.3		1011	949	918
2010 Sawmilling and planing of wood	
2020 Products of wood, cork, straw, etc.		3248	3174	3550		72.2	71.4	71.6		221	254	265
2021 Veneer sheets, plywood, particle board, etc.		3268	3186	3767		101.0	106.1	102.6		465	527	553
2022 Builders' carpentry and joinery	
2023 Wooden containers	
2029 Other wood products; articles of cork/straw	
210 Paper and paper products	
2101 Pulp, paper and paperboard		2327	2186	2226		146.4	134.4	128.4		1764	1738	1679
2102 Corrugated paper and paperboard	
2109 Other articles of paper and paperboard	
221 Publishing of books and other publications		3922	4072	4299		141.2	144.5	145.0		1836	2037	2189
2212 Publishing of newspapers, journals, etc.	
2213 Publishing of recorded media	
2219 Other publishing	

222 Printing and related service activities	3390	3225	3191			48.9	47.5	43.4		343	380	392
2221 Printing	...	...	...			...	...	...		...	...	...
2222 Service activities related to printing	98	77	66			3.9	4.0	3.9		50	71	53
2230 Reproduction of recorded media	...	...	...			...	...	...		...	...	...
2310 Coke oven products	...	6	7			0.2	0.2	0.1		2	2	2
2320 Refined petroleum products	87	95	113			23.9	23.3	21.5		919	921	856
2330 Processing of nuclear fuel	...	...	...			...	...	...	b/	...	...	...
241 Basic chemicals	1508	1387	1292			80.0	73.9	68.1		1769	1669	1585
2411 Basic chemicals, except fertilizers	...	...	...			...	...	...		...	...	...
2412 Fertilizers and nitrogen compounds	...	...	...			...	...	...		...	...	...
2413 Plastics in primary forms; Synthetic rubber	...	...	...			...	...	...		...	...	...
242 Other chemicals	4087	4101	4239			197.5	206.7	210.0		3072	3535	3809
2421 Pesticides and other agro-chemical products	...	...	...			...	...	...		...	...	...
2422 Paints, varnishes, printing ink and pastics	...	...	...			...	...	...		...	...	...
2423 Pharmaceuticals, medicinal chemicals, etc.	...	...	...			...	...	...		...	...	...
2424 Soap, cleaning & cosmetic preparations	...	...	...			...	...	...		...	...	...
2429 Other chemical products n.e.c.	55	51	47			8.8	6.6	6.2		129	99	100
2430 Man-made fibres	...	...	...			...	...	...		...	...	...
251 Rubber products	1615	1528	1498			66.7	64.9	60.8		752	816	830
2511 Rubber tyres and tubes	...	...	...			...	...	...		...	...	...
2519 Other rubber products	...	...	...			...	...	...		...	...	...
2520 Plastic products	3759	4041	4159			176.3	186.5	187.7		1434	1699	1649
2610 Glass and glass products	319	292	306			26.3	23.7	23.1		326	328	306
269 Non-metallic mineral products n.e.c.	8844	9249	10322			222.8	237.0	242.9		1411	1558	1672
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	624	656	674			105.1	101.5	93.3		1769	1752	1714
2720 Basic precious and non-ferrous metals	610	557	759			37.5	35.3	38.5		566	576	621
273 Casting of metals	1003	984	1048			33.0	34.8	30.8		250	276	248
2731 Casting of iron and steel	...	...	...			...	...	...		...	...	...
2732 Casting of non-ferrous metals	...	...	...			...	...	...		...	...	...
281 Struct metal products;tanks;steam generators	3030	2864	3277			74.6	71.9	73.6		580	564	560
2811 Structural metal products	...	...	...			...	...	...		...	...	...
2812 Tanks, reservoirs and containers of metal	...	...	...			...	...	...		...	...	...
2813 Steam generators	...	...	...			...	...	...		...	...	...
289 Other metal products; metal working services	6896	6947	7445			220.0	219.0	219.8		1915	2040	2099
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	2583	2676	2702			132.2	132.8	121.6		1681	1736	1727
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	3177	2986	2847			135.0	133.2	129.1		1698	1766	1781
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.	327	343	323			50.7	46.9	42.7		602	648	587

continued

Brazil

ISIC Revision 3	Number of establishments				Number of persons engaged				Wages and salaries paid to employees				
	Note	(numbers)			Note	(thousands)			Note	(million REALS)			
		1995	1996	1997		1998	1995	1996		1997	1998		
ISIC Industry													
3000 Office, accounting and computing machinery		401	293	311		15.0	13.6	13.3		193	206	237	
3110 Electric motors, generators and transformers		383	384	446		28.5	29.5	31.9		395	409	516	
3120 Electricity distribution & control apparatus		460	514	380		25.1	25.4	25.0		304	355	298	
3130 Insulated wire and cable		257	236	251		21.7	18.7	18.5		225	210	229	
3140 Accumulators, primary cells and batteries		113	110	94		8.4	16.2	7.8		107	83	106	
3150 Lighting equipment and electric lamps		496	474	524		19.0	19.1	19.4		188	204	226	
3190 Other electrical equipment n.e.c.		771	776	780		39.4	36.8	36.6		520	510	495	
3210 Electronic valves, tubes, etc.		389	373	412		24.1	19.7	18.5		296	293	278	
3220 TV/radio transmitters; line comm. apparatus		299	276	276		21.2	20.4	23.6		387	458	553	
3230 TV and radio receivers and associated goods		318	264	209		38.9	37.9	25.8		469	581	382	
331 Medical, measuring, testing appliances, etc.		941	884	881		37.7	35.7	38.2		385	441	461	
3311 Medical, surgical and orthopaedic equipment													
3312 Measuring/testing/navigating appliances, etc.													
3313 Industrial process control equipment		267	267	235		8.7	8.4	8.0		60	64	61	
3320 Optical instruments & photographic equipment		86	93	87		3.9	4.1	3.4		41	48	44	
3330 Watches and clocks													
3410 Motor vehicles		1122	975	955		118.4	124.1	96.0		2335	2609	2550	
3420 Automobile bodies, trailers & semi-trailers		586	596	634		30.6	30.7	29.3		314	308	355	
3430 Parts/accessories for automobiles		1062	1140	1210		134.7	142.2	129.8		1857	2002	1972	
351 Building and repairing of ships and boats		277	275	220		9.8	7.9	6.3		99	97	52	
3511 Building and repairing of ships													
3512 Building/repairing of pleasure/sport. boats													
3520 Railway/tramway locomotives & rolling stock		42	38	37		4.8	5.1	4.8		51	46	57	
3530 Aircraft and spacecraft		78	73	79		6.9	7.9	9.9		145	197	233	
359 Transport equipment n.e.c.		279	314	304		16.8	16.1	16.1		172	193	194	
3591 Motorcycles													
3592 Bicycles and invalid carriages													
3599 Other transport equipment n.e.c.													
3610 Furniture		6954	6895	7528		174.0	175.9	186.7		835	927	1023	
369 Manufacturing n.e.c.		2720	2807	2734		74.4	72.9	73.1		477	484	523	
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		44	52	62		1.9	2.4	2.3		17	22	23	
3720 Recycling of non-metal waste and scrap		73	80	102		1.2	1.4	1.5		6	8	8	
D Total manufacturing		120289	118858	125387		4937.7	4803.6	4689.2		45642	48272	48349	

a/ 1810 includes 1820.
b/ data suppressed due to confidentiality rules.

Brazil

ISIC Revision 3	Output in factor values (million REALS)				Value added in factor values (million REALS)				Gross fixed capital formation (million REALS)				
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
		1995	1996	1997	1998		1995	1996	1997	1998			
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		...	22446	27147	27015		...	8068	10079	9247		...	...
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		...	8851	8982	9255		...	3296	3415	3676		...	...
153 Grain mill products		...	9085	8967	10178		...	3236	3106	3540		...	...
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...
1533 Prepared animal feeds		...	...	...	...		...	...	...	...		...	...
154 Other food products		...	17005	19593	19629		...	7469	9041	8535		...	...
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		...	15692	16658	15844		...	8319	8428	7733		...	...
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...
1552 Wines		...	...	...	...		...	...	...	...		...	...
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...	...
1600 Tobacco products		...	2937	3318	2986		...	1762	1757	1643		...	...
171 Spinning, weaving and finishing of textiles		...	7447	7178	7396		...	3179	2867	3201		...	...
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...		...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...
172 Other textiles		...	3400	3612	3514		...	1610	1663	1596		...	...
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		...	1386	1267	1234		...	540	516	488		...	...
1810 Wearing apparel, except fur apparel		...	8342a/	8492a/	8925a/		...	3727a/	3721a/	3751a/		...	...
1820 Dressing & dyeing of fur; processing of fur		...	...a/	...a/	...a/		...	...a/	...a/	...a/		...	...
191 Tanning, dressing and processing of leather		...	1912	2110	2059		...	660	673	679		...	...
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...		...	...
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...	...
1920 Footwear		...	5907	5600	5450		...	2901	2561	2481		...	...
2010 Sawmilling and planing of wood		...	1241	1411	1238		...	616	706	631		...	...
202 Products of wood, cork, straw, etc.		...	2514	2851	2724		...	1224	1360	1306		...	...
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		...	12505	12149	12290		...	6240	5985	6012		...	...
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...	...
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...
221 Publishing of books and other publications		...	9104	10206	10688		...	6372	7480	7611		...	...
2211 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...

cont inued

292 Special purpose machinery	7478	9603	9775	4001	4964	4637	...
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.	5358	5183	4354	2637	2368	1815	...
3000 Office, accounting and computing machinery	2105	2160	2386	912	933	936	...
3110 Electric motors, generators and transformers	1662	2075	2478	806	942	1213	...
3120 Electricity distribution & control apparatus	1446	2205	2242	775	1229	1166	...
3130 Insulated wire and cable	1860	1966	2179	794	796	852	...
3140 Accumulators, primary cells and batteries	732	494	708	391	214	325	...
3150 Lighting equipment and electric lamps	758	803	939	441	437	534	...
3190 Other electrical equipment n.e.c.	2507	2826	2526	1243	1346	1202	...
3210 Electronic valves, tubes, etc.	1962	1885	1672	958	878	659	...
3220 TV/radio transmitters; line comm. apparatus	3678	4082	6063	2109	2114	2580	...
3230 TV and radio receivers and associated goods	6332	6973	3957	2397	2687	1305	...
331 Medical, measuring, testing appliances, etc.	1623	1797	2061	1023	1081	1255	...
3311 Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...
3313 Industrial process control equipment	269	315	306	150	182	185	...
3320 Optical instruments & photographic equipment	375	392	372	211	215	210	...
3330 Watches and clocks	...	...	...	...	...	...	...
3410 Motor vehicles	21659	24846	21726	7400	8553	7826	...
3420 Automobile bodies, trailers & semi-trailers	1583	1797	1824	680	746	694	...
3430 Parts/accessories for automobiles	8743	10639	10507	4455	5137	5034	...
351 Building and repairing of ships and boats	520	678	365	289	341	199	...
3511 Building and repairing of ships	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats	174	223	384	110	115	205	...
3520 Railway/tramway locomotives & rolling stock	597	1132	1966	317	581	770	...
3530 Aircraft and spacecraft	1644	2135	2154	635	784	763	...
359 Transport equipment n.e.c.	...	...	...	...	...	...	...
3591 Motorcycles	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...
3610 Furniture	5072	5575	5986	2127	2285	2445	...
369 Manufacturing n.e.c.	2438	2601	2788	1429	1486	1596	...
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	61	85	101	45	68	66	...
3720 Recycling of non-metal waste and scrap	36	48	38	18	21	21	...
D Total manufacturing	331671	366610	368669	154761	167873	166645	...

a/ 1810 includes 1820.
 b/ Data suppressed due to confidentiality rules.

Brazil

ISIC Industry		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
15	Food and beverages
16	Tobacco products	96	101	100	107	126	132	112	107	120	147	113	105	
17	Textiles	111	111	100	103	98	98	101	96	90	84	78	80	
18	Wearing apparel, fur	...	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products	101	107	100	107	105	110	113	113	117	120	120	128	
22	Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel	109	109	100	92	92	96	102	102	107	112	117	118	
24	Chemicals and chemical products	...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products	108	112	100	101	93	97	100	105	111	119	119	115	
27	Basic metals	109	114	100	94	94	101	111	109	111	118	113	112	
28	Fabricated metal products	...	...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.	115	120	100	90	81	95	115	110	96	103	99	92	
30	Office, accounting and computing machinery	100	106	100	93	82	93	111	127	133	131	118	104	
31	Electrical machinery and apparatus	...	...	...	...	...	...	...	...	...	...	...	...
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	122	119	100	100	98	118	134	139	139	153	132	125	
35	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	107	110	100	98	94	101	109	111	112	116	113	111	

Note

a/ 23 includes 24.
b/ 27 includes 28.
c/ 30 includes 31 and 32.
d/ 34 includes 35.

BULGARIA

<p>Supplier of information: Central Statistical Office of the Council of Ministers, Sofia.</p> <p>Basic source of data: Statistical reports collected regularly by the above office.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Not reported.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: 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>Related national publications:</p>
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Bulgaria

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees (thousand LEVA)						
	(numbers)				(numbers)				(thousand LEVA)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry															
151 Processed meat, fish, fruit, vegetables, fats		786	841	947	906		34897	32408	31400	27076		4774	39896	50395	47925
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		481	498	504	510		7760	7601	7800	7264		1147	9739	13989	13896
153 Grain mill products; starches; animal feeds		397	404	485	449		10438	9903	9900	8854		2018	18306	23247	20807
1531 Grain mill products	
1532 Starches and starch products	
1533 Prepared animal feeds	
154 Other food products		3330	3356	3432	3366		30089	30088	30000	29140		4344	42226	56761	60087
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		1716	1529	1452	1163		21537	19021	19500	18284		4626	32546	48947	51341
1551 Distilling, rectifying & blending of spirits	
1552 Wines	
1553 Malt liquors and malt	
1554 Soft drinks; mineral waters	
1600 Tobacco products		32	26	30	29		13710	13642	15800	11651		4601	49572	67645	54165
171 Spinning, weaving and finishing of textiles		195	195	190	175		33537	33676	28300	21751		5163	54352	51087	39957
1711 Textile fibre preparation; textile weaving	
1712 Finishing of textiles	
172 Other textiles		184	185	195	215		5887	5338	5600	5486		800	7320	9833	10528
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		206	226	228	198		6315	6599	6600	6910		925	8618	10861	11664
1810 Wearing apparel, except fur apparel		2269	2509	3193	3066		81128	83456	93300	94707		8945	86370	128467	141871
1820 Dressing & dyeing of fur; processing of fur		57	69	60	45		1188	1293	1000	818		148	1229	1254	1152
191 Tanning, dressing and processing of leather		145	155	133	148		4529	4366	3600	2844		601	5602	5864	4937
1911 Tanning and dressing of leather	
1912 Luggage, handbags, etc.; saddlery & harness	
1920 Footwear		173	222	254	273		20549	22964	18900	16972		2464	24633	26715	26374
2010 Sawmilling and planing of wood		646	639	904	873		3795	3945	5500	5408		378	3546	6103	6684
202 Products of wood, cork, straw, etc.		962	1052	1104	1061		13567	12960	9400	8594		1705	13999	15809	16372
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		221	217	258	258		16394	14918	14900	13321		2829	23333	32216	30745
2101 Pulp, paper and paperboard	
2102 Corrugated paper and paperboard	
2109 Other articles of paper and paperboard	
221 Publishing of books and other publications		706	661	658	651		4895	4328	4300	4159		616	4218	8015	10289
2211 Publishing of newspapers, journals, etc.	
2212 Publishing of newspapers, journals, etc.	
2213 Publishing of recorded media	
2219 Other publishing	

222 Printing and related service activities	542	582	594	629	7154	7238	6700	6859	1481	11781	17363	18719
2221 Printing	..	..	..	..	..	..	..	..	..	..	..	..
2222 Service activities related to printing	..	..	..	..	..	..	..	..	..	..	..	..
2230 Reproduction of recorded media	23	22	24	18	138	109	600	87	20	152	418	97
2310 Coke oven products	1	1	1	1	64	60	400	30	8	72	648	58
2320 Refined petroleum products	6	8	10	10	11710	13072	12800	11710	5974	57831	79748	67684
2330 Processing of nuclear fuel	..	..	..	..	..	..	..	..	..	..	..	..
241 Basic chemicals	58	91	94	103	16652	16503	15500	12189	7204	68969	65827	52862
2411 Basic chemicals, except fertilizers	..	..	..	..	..	..	..	..	..	..	..	..
2412 Fertilizers and nitrogen compounds	..	..	..	..	..	..	..	..	..	..	..	..
2413 Plastics in primary forms; synthetic rubber	..	..	..	..	..	..	..	..	..	..	..	..
242 Other chemicals	391	424	435	390	22732	23965	24200	23077	5047	50251	70054	73062
2421 Pesticides and other agro-chemical products	..	..	..	..	..	..	..	..	..	..	..	..
2422 Paints, varnishes, printing ink and dastics	..	..	..	..	..	..	..	..	..	..	..	..
2423 Pharmaceuticals, medicinal chemicals, etc.	..	..	..	..	..	..	..	..	..	..	..	..
2424 Soap, cleaning & cosmetic preparations	..	..	..	..	..	..	..	..	..	..	..	..
2429 Other chemical products n.e.c.	..	..	..	..	..	..	..	..	..	..	..	..
2430 Man-made fibres	4	3	3	3	6129	5995	5700	4103	1247	12368	13369	9708
251 Rubber products	404	340	344	290	10875	10754	9500	5514	1679	17414	20017	13526
2511 Rubber tyres and tubes	..	..	..	..	..	..	..	..	..	..	..	..
2519 Other rubber products	..	..	..	..	..	..	..	..	..	..	..	..
2520 Plastic products	934	976	888	828	12413	13696	12000	12498	2340	23101	26581	27656
2610 Glass and glass products	68	61	56	69	13979	13483	11300	7498	2891	25202	29747	21407
269 Non-metallic mineral products n.e.c.	666	727	725	730	26851	24482	22900	21768	5300	42628	57043	59644
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	22	25	25	29	28102	27936	26500	24525	8511	100782	114129	105580
2720 Basic precious and non-ferrous metals	30	28	35	35	11075	10872	9600	8590	3576	38006	42296	39763
273 Casting of castals	122	127	124	119	19630	19059	18100	16165	3246	34612	38829	35557
2731 Casting of iron and steel	..	..	..	..	..	..	..	..	..	..	..	..
2732 Casting of non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..	..
281 Struct.met.al products;tanks;steam generators	765	735	707	743	11252	10447	10800	9253	1564	14194	23197	20061
2811 Structural metal products	..	..	..	..	..	..	..	..	..	..	..	..
2812 Tanks, reservoirs and containers of metal	..	..	..	..	..	..	..	..	..	..	..	..
2813 Steam generators	..	..	..	..	..	..	..	..	..	..	..	..
289 Other metal products; metal working services	1398	1361	1657	1622	19128	17570	15000	14140	2688	24554	29844	28987
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	834	869	900	869	31473	29734	29700	25011	5453	54495	72629	67680
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	672	719	755	725	72413	69306	60700	51086	12507	119453	143131	120972
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.	105	115	105	102	5707	4259	4500	4245	762	5809	9014	9751

continued

Bulgaria

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees			
	(numbers)				(numbers)				(thousand LEVA)			
	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999
	Note				Note				Note			
3000 Office, accounting and computing machinery	146	178	153	143	6169	5441	4800	3830	1068	10369	10618	9135
3110 Electric motors, generators and transformers	117	117	130	149	8168	7551	6900	5879	1390	13825	14656	13969
3120 Electricity distribution & control apparatus	132	140	157	185	7099	6227	6000	5595	1048	8659	11073	11218
3130 Insulated wire and cable	15	13	12	15	3070	2746	2600	2356	1126	8315	8952	7765
3140 Accumulators, primary cells, and batteries	23	26	18	17	2993	3001	2800	1941	658	7481	9300	5208
3150 Lighting equipment and electric lamps	79	69	87	72	2381	2221	2200	1950	389	2735	3491	3249
3190 Other electrical equipment n.e.c.	229	233	200	180	3900	3773	3400	2664	740	5646	6098	5669
3210 Electronic valves, tubes, etc.	107	106	113	75	3778	3357	3300	2377	521	4552	6319	5179
3220 TV/radio transmitters; line comm. apparatus	120	117	118	130	4238	3117	3000	2725	441	4059	6986	8033
3230 TV and radio receivers and associated goods	63	60	54	49	2078	1888	1100	763	179	1610	1429	1394
3311 Medical, measuring, testing appliances, etc.	362	428	453	439	6687	6244	6400	5395	957	8568	12394	11367
3312 Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...	...	...	...
3313 Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...	...	...	...
3314 Industrial process control equipment	43	42	40	34	2670	2114	1200	1679	424	3184	2590	3889
3320 Optical instruments & photographic equipment	6	5	10	9	124	105	...	13	11	86	...	12
3330 Watches and clocks	9	9	9	6	3131	2716	2500	1298	479	3351	4524	2859
3410 Motor vehicles	17	17	17	15	1202	974	1000	689	154	1458	1964	1397
3420 Automobile bodies, trailers & semi-trailers	82	85	94	95	2535	2593	2500	2018	396	4269	5549	5001
3430 Parts/accessories for automobiles	396	382	351	332	12241	11490	10600	7964	3409	33393	40412	26855
3511 Building and repairing of ships and boats	...	...	...	...	...	...	...	...	...	...	...	...
3512 Building and repairing of ships	...	...	...	...	...	...	...	...	...	...	...	...
3520 Railway/tramway locomotives/sport. boats	12	15	18	17	5793	5573	4900	5403	1089	9865	12632	13994
3530 Aircraft and spacecraft	1	3	2	5	128	165	100	143	20	164	170	281
3590 Transport equipment n.e.c.	12	14	19	12	191	180	200	492	26	173	264	659
3591 Motorcycles	...	...	...	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
3610 Furniture	910	988	1212	1177	17617	17512	16200	14497	2137	17833	22885	22891
3691 Manufacturing n.e.c.	969	913	879	796	6779	6157	5400	4758	928	7891	10191	9478
3692 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...	...
3693 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...
3694 Games and toys	...	...	...	...	...	...	...	...	...	...	...	...
3699 Other manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
3710 Recycling of metal waste and scrap	13	14	13	12	...	...	...	70	...	...	...	139
3720 Recycling of non-metal waste and scrap	13	12	12	6	...	100	100	53	...	198	211	103
D Total manufacturing	23427	23984	25680	24671	740633	720285	669700	615829	135182	1284824	1611326	1491291

Bulgaria

ISIC Industry	Output (thousand LEVA)				Note	Value added (thousand LEVA)				Note	Gross fixed capital formation (thousand LEVA)		
	1996	1997	1998	1999		1996	1997	1998	1999		1998	1999	
ISIC Industry													
151 Processed meat, fish, fruit, vegetables, fats	62461	569979	745285	681000		15733	121017	114933	...		87925	61000	
1511 Processing/preserving of meat	...	...	...	...		...	...	...	...		...	...
1512 Processing/preserving of fish	...	...	...	...		...	...	...	...		...	...
1513 Processing/preserving of fruit & vegetables	...	...	...	...		...	...	...	...		...	...
1514 Vegetable and animal oils and fats	...	...	...	...		...	...	...	...		...	...
152 Dairy products	20828	201270	281357	204000		2628	22936	37415	...		27230	24000	
1520 Dairy products	49532	389018	340190	288000		11213	96341	97413	...		36355	21000	
153 Grain mill products	...	...	...	...		...	...	...	...		...	...
1531 Grain mill products	...	...	...	...		...	...	...	...		...	...
1532 Starches and starch products	...	...	...	...		...	...	...	...		...	...
1533 Prepared animal feeds	...	...	...	...		...	...	...	...		...	...
154 Other food products	57684	520990	635865	595000		12164	106456	131737	...		63859	29000	
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	76542	636097	781861	785000		22273	215902	229707	...		104540	120000	
1551 Distilling, rectifying & blending of spirits	...	...	...	...		...	...	...	...		...	...
1552 Wines	...	...	...	...		...	...	...	...		...	...
1553 Malt liquors and malt	...	...	...	...		...	...	...	...		...	...
1554 Soft drinks; mineral waters	...	...	...	...		...	...	...	...		...	...
1600 Tobacco products	65104	517058	646466	498000		28848	234923	167229	...		50738	42000	
171 Spinning, weaving and finishing of textiles	44451	418058	354939	260000		16145	145710	104192	...		42110	12000	
1711 Textile fibre preparation; textile weaving	...	...	...	...		...	...	...	...		...	...
1712 Finishing of textiles	...	...	...	...		...	...	...	...		...	...
172 Other textiles	5455	47124	57408	60000		2191	16386	20310	...		6596	7000	
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	5815	54196	60766	58000		2197	18667	23315	...		11519	6000	
1810 Wearing apparel, except fur apparel	36959	356361	475599	496000		18068	176500	225914	...		77679	37000	
1820 Dressing & dyeing of fur; processing of fur	1282	16583	9306	9000		371	3318	2598	...		1464	1000	
191 Tanning, dressing and processing of leather	5218	40775	45642	35000		1606	12769	11403	...		3448	5000	
1911 Tanning and dressing of leather	...	...	...	...		...	...	...	...		...	...
1912 Luggage, handbags, etc.; saddlery & harness	...	...	...	...		...	...	...	...		...	...
1920 Footwear	16719	143400	126996	104000		6563	58334	46341	...		13195	5000	
2010 Sawmilling and planing of wood	3185	38004	69105	83000		747	7712	12006	...		7557	8000	
202 Products of wood, cork, straw, etc.	14190	127944	123627	163000		3812	32409	30288	...		15008	17000	
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	29220	257990	269961	222000		7480	64694	57951	...		39551	17000	
2101 Pulp, paper and paperboard	...	...	...	...		...	...	...	...		...	...
2102 Corrugated paper and paperboard	...	...	...	...		...	...	...	...		...	...
2109 Other articles of paper and paperboard	...	...	...	...		...	...	...	...		...	...
221 Publishing of books and other publications	9870	72555	122023	153000		816	3381	19601	...		9422	5000	
2211 Publishing of newspapers, journals, etc.	...	...	...	...		...	...	...	...		...	...
2212 Publishing of newspapers, journals, etc.	...	...	...	...		...	...	...	...		...	...
2213 Publishing of recorded media	...	...	...	...		...	...	...	...		...	...
2219 Other publishing	...	...	...	...		...	...	...	...		...	...

continued

292 Special purpose machinery	63026	623629	665109	549000	28659	316228	296729	83475	30000
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.	5301	30755	53577	57000	1675	11575	16410	18710	2000
3000 Office, accounting and computing machinery	7656	81322	79498	71000	1840	18266	15040	2570	16000
3110 Electric motors, generators and transformers	10291	89248	87901	77000	3692	31811	30143	6980	2000
3120 Electricity distribution & control apparatus	4879	42742	60110	76000	2069	17159	20548	8526	2000
3130 Insulated wire and cable	11514	82471	90021	64000	3584	23204	26841	8395	4000
3140 Accumulators, primary cells and batteries	7237	66199	61246	50000	1910	20161	17772	5554	7000
3150 Lighting equipment and electric lamps	2166	29337	29036	28000	770	7331	6900	1817	1000
3190 Other electrical equipment n.e.c.	5119	41196	37422	39000	1829	14578	13528	7460	6000
3210 Electronic valves, tubes, etc.	2294	22457	26697	23000	890	8061	8567	16696	4000
3220 TV/radio transmitters; line comm. apparatus	2146	14166	28925	34000	890	11572	11572	3650	5000
3230 TV and radio receivers and associated goods	945	7199	7950	8000	262	2015	3034	1992	3000
331 Medical, measuring, testing appliances, etc.	4049	40244	58687	60000	1704	16471	23577	8113	2000
3311 Medical, surgical and orthopaedic equipment	...	...	...	...	...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	...	...	...	...	...	...	...	...	...
3313 Industrial process control equipment	2076	15430	19728	...	...	...	...	...	...
3320 Optical instruments & photographic equipment	33	318	106	-	16	175	16	1010	3000
3330 Watches and clocks	...	...	...	...	...	...	...	9	...
3410 Motor vehicles	4287	16241	14044	9000	2348	10965	5519	8031	-1000
3420 Automobile bodies, trailers & semi-trailers	692	6868	7697	6000	181	2254	2250	486	...
3430 Parts/accessories for automobiles	4021	37899	44617	26000	1726	15906	18793	6097	1000
351 Building and repairing of ships and boats	26689	212971	277236	144000	12272	91200	92606	23745	27000
3511 Building and repairing of ships	...	...	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats	3536	36610	45253	62000	1596	16466	20323	562	8000
3520 Railway/tramway locomotives & rolling stock	63	376	200	1000	49	230	45	8	1000
3530 Aircraft and spacecraft	138	2099	2012	5000	39	288	348	295	...
359 Transport equipment n.e.c.	...	...	...	...	...	...	...	...	...
3591 Motorcycles	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...
3610 Furniture	14512	113284	142759	156000	4621	34261	42111	19471	12000
369 Manufacturing n.e.c.	6363	48288	51657	58000	2162	18068	20117	6182	9000
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	1665	4000	4	58	435	80	...
3720 Recycling of non-metal waste and scrap	117	1572	920	1000	25	221	154	80	...
D Total manufacturing	1527399	13510638	13501352	12523000	400413	3968066	3427765	1823932	835000

a/

a/ Data suppressed due to confidentiality rules.

CAMEROON

<p>Supplier of information: Direction de la statistique et de la comptabilité nationale, Ministère de l'économie et des finances, Yaoundé.</p> <p>Basic source of data: Annual industrial survey.</p> <p>Major deviations from ISIC (Revision 2): 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>Reference period (if not calendar year): Fiscal year ending 30 June of the year indicated.</p> <p>Scope: All industrial enterprises in the modern sector which keep accounting records.</p> <p>Method of enumeration: Questionnaires are distributed by mail with follow-up site visits as required.</p> <p>Adjusted for non-response: No.</p>	<p>Concepts and definitions of variables: <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>Related national publications: 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 Industry	Number of enterprises				Number of persons engaged				Wages and salaries paid to employees						
	(numbers)				(numbers)				(million CFA FRANCS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
311/2 Food products		55	54	51	56		15365	13791	9891	9954		18643	20442	18758	20622
3111 Slaughtering, preparing & preserving meat		2	3	3	4		145	161	141	202		215	209	202	297
3112 Dairy products		-	-	-	-		-	-	-	-		-	-	-	-
3113 Canning, preserving of fruits & vegetables		6	6	6	6		8109	7024	4720	4688		7527	7666	7428	6916
3114 Canning, preserving and processing of fish		13	12	11	9		948	916	853	542		1127	1343	1454	1386
3115 Vegetable and animal oils and fats		21	21	22	27		587	535	657	780		716	739	801	922
3116 Grain mill products		3	3	2	2		4655	4256	2671	2877		5449	6433	4844	6726
3117 Bakery products		3	3	3	3		401	381	396	410		1847	2093	2217	2579
3118 Sugar factories and refineries		5	4	2	2		371	355	292	240		1517	1707	1533	1375
3119 Cocoa, chocolate and sugar confectionery		2	2	2	3		149	163	161	215		245	252	279	321
3121 Other food products		8	9	8	8		1957	2416	2195	1982		7972	10614	11639	10153
3122 Prepared animal feeds		1	1	1	1		-	76	76	74		168	309	362	328
313 Beverages		2	3	2	2		-	106	108	31		7529	10027	862	77
3131 Distilling, rectifying and blending spirits		3	3	3	3		-	2166	1942	1802		249	1027	254	9453
3132 Wine industries		2	2	2	2		-	68	69	75		231	1232	1209	1199
3133 Malt liquors and malt		2	2	2	2		557	456	436	502		8325	10254	10430	9963
3134 Soft drinks and carbonated waters		4	5	5	5		3046	3280	3331	3158		-	-	-	-
314 Tobacco		2	2	2	2		-	-	-	-		-	-	-	-
321 Textiles		6	4	4	4		141	82	80	92		187	42	38	51
3211 Spinning, weaving and finishing textiles		2	1	2	3		24	12	12	74		11	9	58	60
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		2	1	2	3		24	12	12	74		11	9	58	60
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		25	32	34	38		7095	7962	9152	8723		13044	15025	18871	17444
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		4	3	3	3		80	51	58	58		116	62	62	82
341 Paper and products		11	11	12	12		916	920	924	950		2441	-	2799	2675
3411 Pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		-	-	-	-
3412 Containers of paper and paperboard		-	-	-	-		-	-	-	-		-	-	-	-
3419 Other pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		-	-	-	-
342 Printing and publishing		15	14	11	13		921	920	788	764		1861	4409	1830	1782
351 Industrial chemicals		-	-	-	-		-	-	-	-		-	-	-	-
3511 Basic chemicals excl. fertilizers		-	-	-	-		-	-	-	-		-	-	-	-
3512 Fertilizers and pesticides		-	-	-	-		-	-	-	-		-	-	-	-
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-		-	-	-	-
352 Other chemicals		21	25	24	24		1618	1748	1762	1814		4046	4863	5063	5193
3521 Paints, varnishes and lacquers		-	-	-	-		-	-	-	-		-	-	-	-
3522 Drugs and medicines		-	-	-	-		-	-	-	-		-	-	-	-
3523 Soap, cleaning preps., perfumes, cosmetics		-	-	-	-		-	-	-	-		-	-	-	-
3529 Other chemical products		-	-	-	-		-	-	-	-		-	-	-	-
353 Petroleum refineries		2	2	2	1		563	566	620	601		5136	4967	5218	5258

Cameroon

ISIC Industry	Output in producers' prices (million CFA FRANCS)					Value added in producers' prices (million CFA FRANCS)					Gross fixed capital formation (million CFA FRANCS)		
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999			
ISIC Industry													
311/2 Food products		140409	120924	161717	144037		53181	46536	61353	91443		10122	18496
3111 Slaughtering, preparing & preserving meat		1704	1795	2481	3495		374	306	294	1314		201	981
3112 Dairy products													
3113 Canning, preserving and processing of fish													
3114 Canning, preserving and processing of fruits & vegetables		43785	33438	50501	44834		19710	16090	23816	21082		5482	7461
3115 Vegetable and animal oils and fats		17346	14492	16288	15334		2279	4941	4809	1725		615	1588
3116 Grain mill products		4177	5089	8082	894		894	1910	1778	31191		1149	354
3117 Bakery products		30552	29992	33220	28415		17332	15545	18404	10828		1311	5414
3118 Sugar factories and refineries		30085	23928	32884	30085		11306	5670	5898	24533		357	1529
3119 Cocoa, chocolate and sugar confectionery		9864	8981	14574	5256		1185	1452	5855	-62		846	985
3121 Other food products		2896	3209	3887	4055		101	622	499	832		161	184
3122 Prepared animal feeds													
313 Beverages		121821	111604	151969	195324		57509	38603	71233	111981		15489	33374
3131 Distilling, rectifying and blending spirits			3797	5363	4611			1336	1621	1452		884	1517
3132 Wine industries			1304	2451	3842			501	501	2065		76	207
3133 Malt liquors and malt			104289	140262	182859			37024a/	69111a/	107294		13135	31210
3134 Soft drinks and carbonated waters			2213	3893	4012			....a/	....a/	1170		1394	440
314 Tobacco		18650	20628	25807	24403		6308	14348	13064	10789		1612	808
321 Textiles		106022	105944	110948	106809		28367	40084	36387	68835		4866	4125
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		1952	408	317	300		921	287	100	148		5	2
323 Leather and fur products		111	169	2664	704		-7	44	1575	44		23	68
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		116706	105764	199957	134339		35562	55720	75261	41948		22486	15763
3311 Sawmills, planing and other wood mills					113714					37942			13090
3312 Wooden and cane containers													
3319 Other wood and cork products					20625					4006			2673
332 Furniture and fixtures, excl. metal		404	223	316	408		141	46	81	131		36	23
341 Paper and products		29020	27883	37115	32772		5231	8340	14292	10393		1352	1125
3411 Pulp, paper and paperboard articles													
3412 Containers of paper and paperboard													
3419 Other pulp, paper and paperboard articles													
342 Printing and publishing		6125	6483	9876	9295		1498	2422	4785	5370		726	612
351 Industrial chemicals													
3511 Basic chemicals excl. fertilizers													
3512 Fertilizers and pesticides													
3513 Synthetic resins and plastic materials													
352 Other chemicals		38202	48568	55408	51333		11432	17172	23966	18182		1292	2617
3521 Paints, varnishes and lacquers					5330					2688			1042
3522 Drugs and medicines													
3523 Soap, cleaning prods., perfumes, cosmetics					46003					15494			1575
3529 Other chemical products													
353 Petroleum refineries		120976	155786	178269	144576		6711	7893	16394	11774		3433	11774

	c/		c/		c/		c/		c/
354 Misc. petroleum and coal products									
355 Rubber products	69573	50926	69714	60603	29382	24197	29906	26704	18147
3551 Tyres and tubes	.....	.....	.....	.....	.....	.....	.....	.....	.....
3559 Other rubber products	.....	.....	.....	.....	.....	.....	.....	.....	.....
356 Plastic products	5254	6707	7841	6180	1678	2380	3561	1094	391
361 Pottery, china, earthenware	-	-	-	-	-	-	-	-	-
362 Glass and products	-	-	-	-	-	-	-	-	-
369 Other non-metallic mineral products	29198	28570	39375	43095	8030	9254	11775	842	10671
3691 Structural clay products	.....	.....	.....	.....	.....	.....	.....	.....	.....
3692 Cement, lime and plaster	.....	.....	.....	.....	.....	.....	.....	.....	.....
3699 Other non-metallic mineral products	.....	.....	.....	.....	.....	.....	.....	.....	.....
371 Iron and steel	-	-	-	-	-	-	-	-	-
372 Non-ferrous metals	95367	101008	118468	107726	20657	23960	26987	4451	4056
381 Fabricated metal products	7131	6537	14276	8840	1735	2698	4689	1182	269
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	10500	10665	11007	10443	3092	2531	7459	-241	245
3831 Electrical industrial machinery	.....	.....	.....	.....	.....	.....	.....	.....	.....
3832 Radio, television and communication equipa.	.....	.....	.....	.....	.....	.....	.....	.....	.....
3833 Electrical appliances and housewares	.....	.....	.....	.....	.....	.....	.....	.....	.....
3839 Other electrical apparatus and supplies	.....	.....	.....	.....	.....	.....	.....	.....	.....
384 Transport equipment	2775	4126	12004	9225	126	975	5471	285	316
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	9563	9495	10744	12327	2866	5471	6715	326	5298
3901 Jewellery and related articles	.....	.....	.....	.....	.....	.....	.....	.....	.....
3902 Musical instruments	.....	.....	.....	.....	.....	.....	.....	.....	.....
3903 Sporting and athletic goods	.....	.....	.....	.....	.....	.....	.....	.....	.....
3909 Manufacturing industries, n.e.c.	.....	.....	.....	.....	.....	.....	.....	.....	.....
3 Total manufacturing	929759	922420	1217792	1102739	274420	303552	415054	96085	128180

a/ 3133 includes 3134.

b/ 323 includes 324.

c/ 353 includes 354.

CANADA

<p>Supplier of information: Statistics Canada, Ottawa. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>Basic source of data: Annual survey of manufacturing.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: All establishments.</p> <p>Method of enumeration: Questionnaires are sent by mail.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <u>Number of employees</u> refers to the average number of employees throughout the year, whether full- or part-time. <u>Wages and salaries</u> includes: regular and overtime cash payments; bonuses and cost-of-living allowances; vacation and sick leave pay; taxes and social insurance contributions, etc. payable by employees and deducted by employers; payments in kind, and allowances. <u>Output</u> is gross output including all products, work done on own account, manufacturing services rendered, goods shipped in the same condition as received, electricity sold, fixed assets produced for own use, goods made by homeworkers and handicraft workers if the establishment has a pay deduction number, and revenue from rental of own products, allowing for net changes of work in progress and in stocks of finished goods. <u>Value added</u> is based on the census concept. It is calculated as gross output less the cost of materials, fuels and other supplies, goods shipped in the same condition as received and electricity purchased. It includes receipts for various non-industrial services, but does not include interest or rental other than on machinery produced and rented. The cost of non-industrial services is not deducted.</p> <p>Related national publications:</p>
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222 Printing and related service activities	3112	3625	3333	2914	72	77	79	81	2547	2683	2784	2840
2221 Printing	2800	2964	2784	2922	62	67	69	72	2202	2324	2449	2531
2222 Service activities related to printing	612	661	549	422	10	10	10	10	345	360	335	309
2230 Reproduction of recorded media	41	53	43	36	3	4	4	4	114	128	129	114
2310 Coke oven products	79	78	79	66	11	11	12	10	653	651	784	691
2320 Refined petroleum products												
2330 Processing of nuclear fuel												
2411 Basic chemicals	470	493	506	515	28	27	28	44	1493	1522	1572	1542
2412 Fertilizers, except fertilizers	236	236	248	245	15	14	13	14	830	817	830	842
2413 Fertilizers in primary forms; synthetic rubber	141	144	152	156	4	4	4	4	192	182	194	187
242 Other chemicals	98	113	106	114	9	10	10	26	493	514	548	513
2421 Pesticides and other agro-chemical products	796	891	845	812	58	60	60	63	2425	2533	2497	2602
2422 Paints, varnishes, printing ink and mastics	176	197	170	169	1	1	1	1	33	36	43	44
2423 Pharmaceuticals, medicinal chemicals, etc.	120	145	143	146	9	9	9	9	333	354	344	354
2424 Soap, cleaning & cosmetic preparations	206	236	245	245	20	21	21	22	950	993	958	1024
2429 Other chemical products n.e.c.	281	299	272	259	15	16	16	18	572	595	615	661
251 Rubber products	18	18	20	19	4	4	3	3	537	562	536	508
2511 Rubber tyres and tubes	197	209	212	212	24	24	26	27	962	961	1104	1130
2519 Other rubber products	15	15	15	22	9	9	10	10	425	426	486	483
2520 Plastic products	182	194	197	190	15	15	15	17	537	535	618	648
25201 Glass and glass products	1287	1333	1246	1205	57	62	66	71	1755	1903	2040	2204
25202 Non-metallic mineral products n.e.c.	167	209	204	193	10	11	11	11	374	416	427	447
25203 Pottery, china and earthenware	36	46	49	49	1	1	1	1	28	31	37	39
25204 Refractory ceramic products	46	45	44	40	3	3	3	3	110	121	143	140
25205 Structural non-refractory clay; ceramic products	33	33	38	45	4	3	3	4	187	187	190	209
25206 Articles of concrete, cement and plaster	1055	1102	1088	1051	20	21	22	23	704	760	821	852
25207 Cutting, shaping & finishing of stone	313	337	351	354	9	9	8	9	299	317	316	343
25208 Other non-metallic mineral products n.e.c.	150	165	157	163	40	40	40	41	2095	2137	2204	2267
2710 Basic iron and steel	199	218	193	163	32	36	35	34	1630	1744	1799	1771
2720 Basic precious and non-ferrous metals	141	152	171	189	16	16	18	19	685	651	755	808
273 Casting of iron and steel	101	108	106	101	11	10	10	10	427	406	408	426
2732 Casting of non-ferrous metals	40	44	65	88	6	6	8	8	224	279	346	382
281 Structural metal products; tanks, steam generators	1280	1495	1545	1540	44	46	50	57	1524	1644	1774	1980
2811 Structural metal products	1151	1355	1401	1386	35	38	41	46	1161	1303	1418	1622
2812 Tanks, reservoirs and containers of metal	87	94	105	105	4	4	5	5	160	160	186	201
2813 Steam generators	42	46	50	49	5	4	4	4	181	181	170	196
289 Other metal products; metal working services	2723	3294	3142	2871	75	84	90	97	2461	2800	3078	3351
2891 Metal forging/pressing/stamping/roll-forming	482	610	490	344	13	15	15	14	449	517	501	443
2892 Treatment & coating of metals	1317	1562	1690	1642	24	27	34	39	736	878	1123	1330
2893 Cutlery, hand tools and general hardware	251	350	259	241	12	13	12	13	370	411	394	458
2899 Other fabricated metal products n.e.c.	673	772	703	644	27	29	30	32	927	993	1060	1120
291 General purpose machinery	160	216	182	171	9	9	9	10	343	389	362	399
2911 Engines & turbines (not for transport equip.)	211	215	200	212	10	10	12	12	364	370	498	488
2912 Pumps, compressors, fans and valves	32	11	20	18	3	2	3	3	106	88	103	115
2913 Bearings, gears, gearing & driving elements	420	480	362	334	14	16	14	16	504	585	546	596
2916 Lifting and handling equipment	608	678	475	332	18	20	18	17	682	753	683	686
2919 Other general purpose machinery	204	244	226	228	12	12	13	12	373	405	437	448
292 Special purpose machinery	271	292	457	564	13	12	17	21	538	535	740	864
2921 Agricultural and forestry machinery	119	124	188	221	10	10	13	15	394	432	522	608
2922 Machine tools												
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	514	665	535	491	22	24	22	25	930	1000	983	1074
2930 Domestic appliances n.e.c.	262	288	264	254	17	18	17	19	559	575	582	632

continued

Canada

ISIC Industry	Number of establishments (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (million DOLLARS)						
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	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		216	253	299	316		21	22	23	25		889	889	916	1101
3110 Electric motors, generators and transformers		82	95	100	108		8	8	7	8		311	296	295	344
3120 Electricity distribution & control apparatus		144	162	166	172		9	10	10	10		326	366	384	408
3130 Insulated wire and cable		51	60	56	59		7	6	6	7		272	244	256	319
3140 Accumulators, primary cells and batteries		20	22	22	22		1	1	1	1		43	51	50	53
3150 Lighting equipment and electric lamps		657	746	672	627		14	15	15	15		437	465	487	507
3190 Other electrical equipment n.e.c.		218	243	199	179		13	14	16	14		460	511	556	549
3210 Electronic valves, tubes, etc.		227	234	232	235		16	17	18	20		497	618	686	822
3220 TV/radio transmitters; line comm. apparatus		100	115	127	137		26	23	26	26		1206	1052	1243	1324
3230 TV and radio receivers and associated goods		19	23	21	25		1	1	1	1		42	46	31	37
331 Medical, measuring, testing appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	...
3311 Medical, surgical and orthopaedic equipment		394	519	783	865		9	10	13	15		283	319	374	419
3312 Measuring/testing/navigating appliances, etc.		536	597	507	450		25	25	25	24		927	923	992	1032
3313 Industrial process control equipment		...	...	...	...		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		...	...	...	...		...	...	...	...		...	...	...	...
3330 Watches and clocks		...	...	...	...		...	...	...	...		...	...	...	...
3410 Motor vehicles		29	28	25	31		54	50	50	51		3102	2928	3096	3227
3420 Automobile bodies, trailers & semi-trailers		307	331	343	317		15	17	19	20		476	530	598	648
3430 Parts/accessories for automobiles		506	528	503	469		72	73	79	79		2822	2805	3241	3246
351 Building and repairing of ships and boats		275	297	274	246		11	11	10	10		396	365	324	341
3511 Building and repairing of ships		49	50	48	46		7	6	5	5		284	237	200	197
3512 Building/repairing of pleasure/sport. boats		226	247	226	200		4	5	5	6		112	128	124	144
3520 Railway/tramway locomotives & rolling stock		17	24	18	18		8	9	8	9		375	389	389	429
3530 Aircraft and spacecraft		283	306	285	290		49	54	55	57		2342	2610	2628	2880
359 Transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3591 Motorcycles		24	24	18	30		3	5	4	5		107	144	153	177
3592 Bicycles and invalid carriages		...	...	...	...		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3610 Furniture		1911	2060	1984	1833		67	73	82	92		2005	2190	2476	2842
369 Manufacturing n.e.c.		296	340	297	281		...	...	...	...		140	136	138	143
3691 Jewellery and related articles		...	...	...	...		...	...	...	...		...	...	...	...
3692 Musical instruments		181	215	208	188		...	...	...	...		...	...	...	...
3693 Sports goods		47	58	53	42		3	3	4	4		54	67	90	88
3694 Games and toys		939	988	627	430		14	14	12	12		350	350	310	334
3699 Other manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3710 Recycling of metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
3720 Recycling of non-metal waste and scrap		...	...	...	...		...	...	...	...		...	...	...	...
D Total manufacturing		31445	34747	33079	32153		1668	1729	1784	1874		62942	65349	68751	72096

ISIC Industry	Output in producers' prices (million DOLLARS)				Value added in producers' prices (million DOLLARS)				Gross fixed capital formation (thousand DOLLARS)				
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
		1995	1996	1997	1998		1995	1996	1997	1998			
ISIC Industry													
151 Processed meat, fish, fruit, vegetables, fats		24510	25963	27257	28165		6714	6931	7319	7728		...	...
1511 Processing/preserving of meat		13200	14264	15407	15465		2972	3245	3415	3782		...	...
1512 Processing/preserving of fish		4013	3849	3468	3763		1071	932	893	1016		...	...
1513 Processing/preserving of fruit & vegetables		2562	3183	2822	3588		515	532	634	614		...	...
1514 Vegetable and animal oils and fats		7199	9486	9876	12502		2228	2433	2487	3221		...	...
1520 Dairy products		2879	3332	3109	3591		1230	1264	1348	1664		...	...
153 Grain mill products; starches; animal feeds		419	544	514	535		152	177	182	197		...	...
1531 Grain mill products		3901	4513	4838	4849		849	870	1021	1236		...	...
1532 Starches and starch products		12245	12616	11806	13043		5781	5927	5518	5830		...	...
1533 Prepared animal feeds		3868	3899	3987	4268		2168	2125	2174	2084		...	...
154 Other food products		689	731	737	710		206	250	206	210		...	...
1541 Bakery products		2212	2212	2318	2716		910	991	1048	1353		...	...
1542 Sugar		440	273	277	365		123	123	129	131		...	...
1543 Cocoa, chocolate and sugar confectionery		5148	5502	4488	4963		2298	2437	1961	2052		...	...
1549 Other food products n.e.c.		7921	8002	8339	8848		4147	4322	4561	4812		...	...
155 Beverages		877	895	865	950		582	593	561	662		...	...
1551 Distilling, rectifying & blending of spirits		325	428	438	415		221	211	211	200		...	...
1552 Wines		4218	3957	4120	4156		2689	2615	2784	2734		...	...
1553 Malt liquors and malt		2501	2722	2916	3286		724	903	995	1216		...	...
1554 Soft drinks; mineral waters		3872	4166	4376	5299		1663	1753	1898	2131		...	...
1600 Tobacco products		2236	2318	2570	2909		1039	1057	1179	1386		...	...
171 Spinning, weaving and finishing of textiles		1938	2039	2190	2453		851	896	985	1168		...	...
1711 Textile fibre preparation; textile weaving		3168	280	380	456		1312	1289	1375	1475		...	...
172 Other textiles		1153	1187	1307	1412		537	531	606	657		...	...
1721 Made-up textile articles, except apparel		880	889	877	880		264	282	290	298		...	...
1722 Carpets and rugs		426	445	439	398		204	205	199	179		...	...
1723 Cordage, rope, twine and netting		709	632	685	782		307	271	279	340		...	...
1729 Other textiles n.e.c.		1553	1588	1678	1740		723	748	796	819		...	...
1730 Knitted and crocheted fabrics and articles		6049	6104	6374	6771		2845	2836	3071	3129		...	...
1810 Wearing apparel, except fur apparel		220	252	255	263		102	109	117	134		...	...
1820 Dressing & dyeing of fur; processing of fur		381	369	383	368		147	144	152	149		...	...
191 Tanning, dressing and processing of leather		182	190	212	188		62	59	73	85		...	...
1911 Tanning and dressing of leather		812	761	821	791		85	85	78	84		...	...
1912 Luggage, handbags, etc.; saddlery & harness		16712	16043	19584	19130		5659	6487	6875	5888		...	...
1920 Footwear		6401	6549	7208	8238		2755	2707	2786	3461		...	...
2010 Sawmilling and planing of wood		3543	3533	3850	4645		1667	1492	1425	2015		...	...
2021 Products of wood, cork, straw, etc.		2204	2293	2569	2724		822	903	1025	1073		...	...
2022 Veneer sheets, plywood, particle board, etc.		336	365	424	465		130	153	179	191		...	...
2023 Builders' carpentry and joinery		318	358	366	404		136	160	157	183		...	...
2029 Other wood products; articles of cork/straw		39405	33196	32192	31484		18297	13453	12699	13395		...	...
210 Paper and paper products		31787	25528	24608	23252		15501	10481	9638	10219		...	...
2101 Pulp, paper and paperboard		5675	5626	5464	5977		2060	2144	2218	2295		...	...
2102 Corrugated paper and paperboard		1943	2042	2119	2245		736	829	843	881		...	...
2109 Other articles of paper and paperboard	
221 Publishing of books and other publications	
2211 Publishing of newspapers, journals, etc.	
2212 Publishing of newspapers, journals, etc.	
2213 Publishing of recorded media	
2219 Other publishing	

continued

Canada

ISIC Industry	Output in producers' prices (million DOLLARS)				Value added in producers' prices (million DOLLARS)				Gross fixed capital formation (thousand DOLLARS)	
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
		1995	1996	1997	1998		1995	1996	1997	1998
222 Printing and related service activities		8754	9083	9493	10033		4665	4799	5069	5135
2221 Printing		7993	8340	8654	9290		4113	4250	4459	4601
2222 Service activities related to printing		761	743	838	742		552	549	610	534
2230 Reproduction of recorded media		569	644	647	592		387	419	436	385
2310 Coke oven products		17666	20583	20808	19687		2623	1683	2022	1647
2320 Refined petroleum products	
2330 Processing of nuclear fuel	
241 Basic chemicals		18330	18377	19793	19636		8389	7860	8294	7442
2411 Basic chemicals, except fertilizers		9885	9261	9942	9959		5073	4172	4337	3743
2412 Fertilizers and nitrogen compounds		2356	2668	2717	2700		1108	1372	1416	1217
2413 Plastics in primary forms; synthetic rubber		6088	6448	7134	6977		2208	2315	2541	2482
242 Other chemicals		16872	17369	17912	18724		8357	8117	7870	7814
2421 Pesticides and other agro-chemical products		582	519	700	938		215	161	187	237
2422 Paints, varnishes, printing ink and mastics		2368	2647	2805	3005		955	971	1064	1162
2423 Pharmaceuticals, medicinal chemicals, etc.		5824	5885	6091	6130		3353	3383	3148	2892
2424 Soap, cleaning & cosmetic preparations		4298	4299	4294	4905		2268	1990	1861	2024
2429 Other chemical products n.e.c.		3800	4019	4023	3746		1566	1613	1610	1499
2430 Man-made fibres		1424	1416	1600	1520		565	574	621	587
251 Rubber products		7429	7716	8362	8837		2327	2592	2798	2651
2511 Rubber tyres and tubes		4877	5057	5402	5679		1030	1214	1280	1177
2519 Other rubber products		2552	2659	2959	3158		1297	1378	1508	1474
2520 Plastic products		9120	10067	10769	11503		3943	4405	4838	5122
2610 Glass and glass products		1772	1895	1991	2134		986	1020	976	1085
269 Non-metallic mineral products n.e.c.	
2691 Pottery, china and earthenware		89	117	139	157		56	78	93	101
2692 Refractory ceramic products		461	450	521	499		249	214	257	237
2693 Struct. non-refractory clay; ceramic products	
2694 Cement, lime and plaster		1189	1294	1448	1463		707	829	945	935
2695 Articles of concrete, cement and plaster		3175	3469	4043	4073		1391	1551	1764	1862
2696 Cutting, shaping & finishing of stone	
2699 Other non-metallic mineral products n.e.c.		2160	2355	2404	2516		1020	1122	1096	1153
2710 Basic iron and steel		13757	13621	14801	15283		5203	4835	5442	5648
2720 Basic precious and non-ferrous metals		12049	11714	12623	13167		4930	4192	4666	5247
273 Casting of metals		2418	2514	2783	3015		1330	1478	1478	1676
2731 Casting of iron and steel		1528	1415	1589	1589		859	788	869	948
2732 Casting of non-ferrous metals		890	1099	1288	1426		456	542	609	728
281 Structural metal products; tanks; steam generators		7091	7334	7810	8900		3322	3322	3368	3767
2811 Structural metal products		5444	5997	6433	7352		2407	2597	2667	3016
2812 Tanks, reservoirs and containers of metal		522	691	711	595		260	298	348	359
2813 Steam generators		1125	742	686	777		427	427	353	393
289 Other metal products; metal working services		10398	11540	13046	13617		4848	5438	6305	6574
2891 Metal forging/pressing/stamping/roll-forming		9834	2033	2058	1730		814	933	971	829
2892 Treatment & coating of metals		2327	2651	3648	4216		1325	1512	2082	2328
2893 Cutlery, hand tools and general hardware		1547	1940	1904	2083		735	957	948	1007
2899 Other fabricated metal products n.e.c.		4691	4916	5437	5588		1974	2036	2303	2410
291 General purpose machinery	
2911 Engines & turbines(not for transport equip.)		1432	1633	1887	...		800	921	1163	1151
2912 Pumps, compressors, taps and valves		2059	2085	2613	2741		897	897	1145	1198
2913 Bearings, gears, gearing & driving elements		522	476	527	690		250	210	248	282
2914 Ovens, furnaces and furnace burners	
2915 Lifting and handling equipment		2152	2417	2331	2522		978	1130	1094	1157
2919 Other general purpose machinery		2435	2736	2897	2989		1130	1212	1265	1364

292 Special purpose machinery	2331	2337	2836	2653	957	1233	1117	1117	1117
2921 Agricultural and forestry machinery	1990	1965	2635	2914	1114	1446	1655	1655	1655
2922 Machine tools									
2923 Machinery for metalurgy	2239	2342	2765	3035	1004	1202	1316	1316	1316
2924 Machinery for mining & construction									
2925 Food/beverage/tobacco processing machinery									
2926 Machinery for textile, apparel and leather									
2927 Weapons and ammunition	3653	3775	3655	3912	2172	2000	2106	2106	2106
2928 Other special purpose machinery	3023	3510	3667	4295	1432	1589	1597	1597	1597
2930 Domestic appliances n.e.c.									
3000 Office, accounting and computing machinery	8933	7666	6820	7283	1704	2257	2720	2720	2720
3110 Electric motors, generators and transformers	1262	1228	1393	1587	607	653	736	736	736
3120 Electricity distribution & control apparatus	1551	1797	1940	1675	820	858	909	909	909
3130 Insulated wire and cable	1819	1759	1875	2052	533	608	673	673	673
3140 Accumulators, primary cells and batteries	349	349	346	290	171	166	109	109	109
3150 Lighting equipment and electric lamps	1847	1957	2046	2168	944	983	1030	1030	1030
3190 Other electrical equipment n.e.c.	2235	2592	2723	2789	1286	1264	1383	1383	1383
3210 Electronic valves, tubes, etc.	4742	5448	5681	6994	1419	1600	2285	2285	2285
3220 TV/radio transmitters; line comm. apparatus	7329	6882	8662	9049	3264	4102	4494	4494	4494
3230 TV and radio receivers and associated goods	839	722	218	253	162	65	88	88	88
331 Medical, measuring, testing appliances, etc.									
3311 Medical, surgical and orthopaedic equipment	989	1113	1407	1602	622	783	871	871	871
3312 Measuring/testing/navigating appliances, etc.	3490	3332	3630	3802	1910	2061	2098	2098	2098
3313 Industrial process control equipment									
3320 Optical instruments & photographic equipment									
3330 Watches and clocks									
3410 Motor vehicles	77260	71331	64048	69049	11705	10789	12040	12040	12040
3420 Automobile bodies, trailers & semi-trailers	2228	2391	2777	3161	961	1184	1250	1250	1250
3430 Parts/accessories for automobiles	14305	14382	16539	17474	6055	6093	7462	7462	7462
351 Building and repairing of ships and boats	1456	1278	1048	936	910	623	463	463	463
3511 Building and repairing of ships	967	736	530	411	553	375	217	217	217
3512 Building/repairing of pleasure/sport. boats	489	542	518	525	222	248	246	246	246
3520 Railway/tramway locomotives & rolling stock	2432	2584	2541	3469	706	794	1250	1250	1250
3530 Aircraft and spacecraft	11010	13156	14820	16082	6787	7946	8617	8617	8617
359 Transport equipment n.e.c.	1490	1787	1633	1703	777	756	787	787	787
3591 Motorcycles									
3592 Bicycles and invalid carriages									
3599 Other transport equipment n.e.c.									
3610 Furniture	9542	10450	12369	13780	4555	5286	6038	6038	6038
369 Manufacturing n.e.c.	819	824	959	1028	283	323	312	312	312
3691 Jewellery and related articles									
3692 Musical instruments	1176	1228	1179	1511	587	612	750	750	750
3693 Sports goods	450	470	525	528	246	287	278	278	278
3694 Games and toys	1146	1164	1075	1272	620	565	680	680	680
3699 Other manufacturing n.e.c.									
3710 Recycling of metal waste and scrap									
3720 Recycling of non-metal waste and scrap									
D Total manufacturing	457447	462084	477412	505397	168724	177327	185344	185344	185344

Canada

ISIC Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
15	Food and beverages	...	...	100	101	103	104	106	108	107	106	110	112
16	Tobacco products	...	...	100	96	88	83	102	100	99	97	100	96
17	Textiles	...	...	100	91	105	110	121	129	127	136	137	140
18	Wearing apparel, fur	...	...	100	89	87	88	90	97	96	103	103	100
19	Leather, leather products and footwear	...	...	100	79	79	80	85	77	66	66	60	54
20	Wood products (excl. furniture)	...	...	100	88	92	97	99	99	102	109	111	120
21	Paper and paper products	...	...	100	94	97	104	110	109	111	111	109	117
22	Printing and publishing	...	...	100	86	81	76	77	77	77	79	79	76
23	Coke, refined petroleum products, nuclear fuel	...	...	100	97	97	98	103	104	106	106	105	108
24	Chemicals and chemical products	...	...	100	92	90	97	102	106	107	111	117	119
25	Rubber and plastics products	...	...	100	94	103	115	128	131	142	152	160	178
26	Non-metallic mineral products	...	...	100	83	80	81	84	84	91	100	109	117
27	Basic metals	...	...	100	99	107	113	114	117	119	126	127	129
28	Fabricated metal products	...	...	100	88	82	85	97	105	109	115	121	126
29	Machinery and equipment n.e.c.	...	...	100	82	69	81	96	112	112	123	120	111
30	Office, accounting and computing machinery	...	...	100	117	131	170	221	295	279	334	435	547
31	Electrical machinery and apparatus	...	...	100	85	96	99	105	102	108	116	126	147
32	Radio, television and communication equipment	...	...	100	98	106	100	109	126	118	136	152	182
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	...	...	100	91	95	117	135	145	145	163	170	200
35	Other transport equipment	...	...	100	88	89	85	94	104	107	106	111	119
36	Furniture; manufacturing n.e.c.	...	...	100	89	114	119	132	141	150	162	179	190
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	100	93	94	99	106	111	113	119	124	132

Note

CHINA

<p>Supplier of information: National Bureau of Statistics, Beijing.</p> <p>Basic source of data: Not reported.</p> <p>Major deviations from ISIC (Revision 2): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: 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>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications: Statistical Yearbook of China (annual), published by the National Bureau of Statistics, Beijing.</p>
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China

ISIC Industry	Number of enterprises (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (billion YUAN)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
311/2 Food products		45860	42274	17277	16194		3170	3874	3031	2773		...	...	...	...
313 Beverages		14130	12711	3817	3579		1210	1447	1151	1063		...	...	...	...
314 Tobacco		416	398	352	352		330	309	292	281		...	...	...	...
321 Textiles		24297	21844	11276	10981		6340	7302	5780	5109		...	...	...	...
322 Wearing apparel, except footwear	a/	19502	17224	6768	6611		1680	2439	2117	2027		...	...	...	...
323 Leather and fur products		9728	8634	3312	3192		910	1372	1111	1098		...	...	...	...
324 Footwear, except rubber or plastic	a/	...	...	...	...		...	...	...	...		...	...	...	...
331 Wood products, except furniture		15259	14001	2487	2420		720	944	503	480		...	...	...	...
332 Furniture and fixtures, excl. metal		8716	8034	1470	1473		310	458	251	255		...	...	...	...
341 Paper and products		13893	13094	4763	4657		1280	1676	1293	1192		...	...	...	...
342 Printing and publishing		15378	14359	3863	3824		960	1007	674	604		...	...	...	...
351 Industrial chemicals	b/	35405	33216	15386	11337		5580	5430	5422	5171		...	...	...	...
352 Other chemicals	b/	...	...	...	...		...	...	...	...		...	...	...	...
353 Petroleum refineries	c/	2612	2356	1052	986		760	776	780	716		...	...	...	...
354 Misc. petroleum and coal products	c/	4656	4396	1785	1805		750	925	772	713		...	...	...	...
355 Rubber products		19432	17831	6016	6047		1050	1553	1103	1111		...	...	...	...
356 Plastic products		...	...	...	...		...	...	...	...		...	...	...	...
361 Pottery, china, earthenware		3821	3493	1636	1604		870	807	730	693		...	...	...	...
362 Glass and products		2926	2689	1135	1141		644	631	503	485		...	...	...	...
369 Other non-metallic mineral products		55140	52480	11725	11621		6251	5973	3320	3162		...	...	...	...
371 Iron and steel		6730	6109	3260	3042		3370	3417	2986	2769		...	...	...	...
372 Non-ferrous metals		4611	4297	2405	2426		1010	1182	1123	1083		...	...	...	...
381 Fabricated metal products		30388	28283	8132	8176		1810	2577	1758	1660		...	...	...	...
382 Non-electrical machinery		49059	45753	15920	15630		7020	7991	5922	5209		...	...	...	...
383 Electrical machinery		27184	25118	11710	11913		3089	3004	3246	4148		...	...	...	...
384 Transport equipment		20339	18332	6779	6701		3540	4099	3376	3173		...	...	...	...
385 Professional and scientific equipment		5774	5193	1821	1817		820	889	644	578		...	...	...	...
390 Other manufacturing industries		21277	19119	3584	3589		1660	1500	912	917		...	...	...	...
3 Total manufacturing		456533	421238	144254	141100		65823	61582	49799	46470		...	...	...	...

a/ 322 includes 324.

b/ 351 includes 352.

c/ 353 includes 354.

China

ISIC Industry	Output (billion YUAN)			Note	Value added (billion YUAN)			Gross fixed capital formation (billion YUAN)	
	1996	1997	1998		1996	1997	1998	1998	1999
	Note				Note			Note	
311/2 Food products	462.6	509.5	473.0		100.2	113.4	100.6	110.6	...
313 Beverages	142.3	162.0	158.0		45.7	55.7	54.4	58.6	...
314 Tobacco	120.2	129.6	137.4		76.7	82.3	88.6	89.2	...
321 Textiles	472.2	476.0	437.6		104.0	111.7	101.7	111.7	...
322 Wearing apparel, except footwear	177.7	184.5	201.8	a/	44.7	46.4	48.2	50.6	...
323 Leather and fur products	111.2	118.6	119.2	a/	27.8	29.1	27.3	28.4	...
324 Footwear, except rubber or plastic	...	...	...		...	...	...	...	...
331 Wood products, except furniture	51.3	62.6	49.2		14.3	17.0	11.3	13.3	...
332 Furniture and fixtures, excl. metal	28.2	32.0	29.5		8.0	8.9	7.7	7.8	...
341 Paper and products	121.5	124.4	124.4		32.9	33.9	31.9	35.6	...
342 Printing and publishing	53.1	57.4	54.4		17.0	18.8	18.3	19.8	...
351 Industrial chemicals	642.5	684.7	682.7	b/	174.1	181.1	172.1	198.4	...
352 Other chemicals	221.2	256.9	232.9	b/	55.9	60.2	52.9	59.0	...
353 Petroleum refineries	74.9	78.2	76.6	c/	18.8	21.0	20.3	20.3	...
354 Misc. petroleum and coal products	133.8	144.2	149.8		32.4	35.8	35.4	38.8	...
355 Rubber products	34.6	36.3	45.1		10.2	11.0	12.7	14.3	...
356 Plastic products	37.5	38.3	38.5		10.7	9.9	10.4	11.9	...
361 Pottery, china, earthenware	356.0	308.1	236.8		105.5	89.7	67.8	74.2	...
362 Glass and products	374.6	385.6	388.3		99.9	102.5	98.3	108.1	...
369 Other non-metallic mineral products	142.5	147.0	162.9		30.7	31.1	33.2	40.5	...
371 Iron and steel	194.4	207.8	215.1		49.1	51.7	50.4	54.1	...
372 Non-ferrous metals	466.9	488.4	450.0		124.7	134.0	118.2	125.9	...
381 Fabricated metal products	611.1	728.7	852.2		140.4	172.2	200.1	235.1	...
382 Non-electrical machinery	378.5	412.3	421.2		92.9	100.6	108.0	119.3	...
383 Electrical machinery	52.9	60.0	69.3		14.4	14.9	16.8	18.0	...
384 Transport equipment	125.4	139.6	82.4		36.4	37.9	21.7	22.7	...
385 Professional and scientific equipment	5234.4	5973.1	5888.3		1393.8	1570.7	1508.4	1569.5	...
390 Other manufacturing industries									...
3 Total manufacturing									...

a/ 322 includes 324.

b/ 351 includes 352.

c/ 353 includes 354.

CHINA (HONG KONG SAR)

<p>Supplier of information: Census and Statistics Department, Hong Kong SAR.</p> <p>Basic source of data: Annual survey.</p> <p>Major deviations from ISIC (Revision 2): None reported.</p> <p>Reference period (if not calendar year): 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>Scope: All establishments listed in a comprehensive and up-to-date register maintained by the Census and Statistics Department.</p> <p>Method of enumeration: 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>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <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>Related national publications: 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)			
		1996	1997	1998		1999	1996	1997		1998	1999	1996	1997	1998	1999
311/2 Food products		689	710	642	701	18.2	17.7	17.5	18.9	2349	2426	2510	2586
3111 Slaughtering, preparing & preserving meat		104	140	122	134	2.1	2.1	2.6	2.1	283	286	375	305
3112 Dairy products		13	12	13	13	1.5	1.5	1.6	1.5	237	252	292	283
3113 Canning, preserving of fruits & vegetables		10	12	12	8	0.2	0.3	0.2	0.3	26	33	28	38
3114 Canning, preserving and processing of fish		108	77	79	93	1.0	0.7	0.7	0.9	173	161	174	177
3115 Vegetable and animal oils and fats		4	5	3	3	0.4	0.5	0.6	0.5	48	64	67	85
3116 Grain mill products		24	19	25	26	0.4	0.3	0.6	0.5	56	29	682	613
3117 Bakery products		227	284	245	246	5.9	5.1	5.2	6.0	732	671	662	613
3118 Sugar factories and refineries		1	1	1	2	0.2	0.2	0.1	0.1	...	...	...	...
3119 Cocoa, chocolate and sugar confectionery		12	15	14	7	0.2	0.3	0.6	0.1	26	42	...	15
3121 Other food products		187	135	129	162	6.2	6.7	5.6	6.8	726	849	734	807
3122 Prepared animal feeds		3	10	6	6	0.1	...	0.1	...	...	...	16	...
313 Beverages		19	19	19	18	4.1	3.9	3.8	...	764	823	834	...
3131 Distilling, rectifying and blending spirits		2	1	4	4	...	...	...	...	...	...	...	...
3132 Wine industries		3	4	4	3	0.7	...	...	...	...	...	...	...
3133 Malt liquors and malt		14	14	11	11	3.3	3.1	3.1	3.0	604	634	661	638
3134 Soft drinks and carbonated waters		5	4	5	3	1.1	1.1	0.8	...	245	281	288	...
314 Tobacco		2657	2589	2278	1953	43.8	38.0	33.7	28.7	5327	5285	4492	4009
321 Textiles		1013	968	892	845	18.1	16.1	14.3	13.0	2470	2338	2102	1974
3211 Spinning, weaving and finishing textiles		415	365	317	262	1.2	1.0	0.7	0.6	153	105	83	63
3212 Made-up textile goods excl. wearing apparel		1159	1194	1163	798	23.8	19.8	17.7	14.3	2514	2660	2187	1870
3213 Knitting mills		8	6	6	3	0.1	0.1	0.1	0.1	11	9	11	...
3214 Carpets and rugs		29	31	33	26	0.1	0.1	0.1	0.1	9	8	10	8
3215 Cordage, rope and twine		23	25	22	22	0.5	0.5	0.1	0.1	73	96	21	20
3219 Other textiles		2893	2472	2276	2045	62.9	49.5	38.6	33.9	6764	5230	4258	3892
322 Wearing apparel, except footwear		80	61	43	34	0.6	0.4	0.2	0.2	78	69	34	21
323 Leather and fur products		19	19	20	10	0.2	0.2	0.1	0.1	31	24	10	7
3231 Tanneries and leather finishing		6	4	4	3	...	...	...	...	...	...	...	...
3232 Fur dressing and dyeing industries		61	42	23	24	0.4	0.2	0.1	0.1	47	45	24	14
3233 Leather prods. excl. wearing apparel		75	75	61	58	0.2	0.2	...	0.1	17	16	...	9
324 Footwear, except rubber or plastic		302	328	290	218	0.9	0.8	0.8	0.4	105	113	92	48
331 Wood products, except furniture		37	64	36	11	0.4	0.4	0.3	0.2	48	66	35	21
3311 Sawmills, planing and other wood mills		148	140	126	106	0.3	0.2a/	0.1a/	0.1a/	32	30a/	15a/	11a/
3312 Wooden and cane containers		116	124	128	100	0.2	- a/	0.3a/	0.1a/	24	24	40a/	14a/
3319 Other wood and cork products		269	321	271	244	0.4	0.5	0.5	0.4	65	74	63	54
332 Furniture and fixtures, excl. metal		913	856	705	672	6.6	6.1	4.1	3.1	904	950	615	533
341 Paper and products		61	39	12	15	1.5	1.1	0.3	0.4	196	186	58	68
3411 Pulp, paper and paperboard articles		591	559	434	487	3.4	3.5	1.9	1.7	485	544	280	275
3412 Containers of paper and paperboard		261	258	260	170	1.7	1.5	1.9	1.1	224	277	277	190
3419 Other pulp, paper and paperboard articles		4635	4966	4759	4505	40.2	38.8	37.3	32.8	7205	7868	7539	6860
342 Printing and publishing		158	149	120	92	1.5	1.4	1.6	1.5	942	999	1028	992
351 Industrial chemicals		64	51	53	38	0.7	0.8	1.1	1.0	179	242	308	289
3511 Basic chemicals excl. fertilizers		1	2	1	2	0.1	0.1	...	0.5	...	...	...	...
3512 Fertilizers and pesticides		93	96	66	52	0.7	0.6	0.5	0.5	156	130	123	136
3513 Synthetic resins and plastic materials		357	358	344	325	3.9	3.7	3.6	3.6	...	...	...	...
352 Other chemicals		8	13	11	8	0.3	0.3	0.3	0.2	63	57	...	36
3521 Paints, varnishes and lacquers		213	206	180	180	2.0	2.3	2.0	2.4	275	297	278	343
3522 Drugs and medicines		77	78	95	67	0.6	0.6	0.6	0.6	101	110	98	57
3523 Soap, cleaning preps., perfumes, cosmetics		59	61	58	70	0.9	0.5a/	1.0	0.5a/	114a/	105a/	171	99a/
3529 Other chemical products		4	4	3	3	0.1c/	0.1c/	...	...	35c/	42c/	...	...
353 Petroleum refineries		4	4	3	3	0.1c/	0.1c/	...	...	...	...	...	...

	c/	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products																					
355 Rubber products		72	59	65		0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	48	48	57	48	57	36	
3551 Tyres and tubes		10	8	9		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	31	31	35	32	35	36	19a/	
3559 Other rubber products		62	51	56		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	17	17	22	16	22	19a/	795	
356 Plastic products		1552	1353	1147		9.2	7.9	7.3	7.3	7.3	7.3	7.3	7.3	1190	1064	1076	1064	1076	1076	795	
361 Pottery, china, earthenware		14	19	11		0.1	...	...	...	...	...	...	...	5	...	...	...	...	...	...
362 Glass and products		33	40	32		0.4	0.6	0.3	0.3	0.3	0.3	0.3	0.3	69	96	63	96	63	63	61	
369 Other non-metallic mineral products		155	177	163		3.1	3.3a/	3.4a/	3.4a/	3.2a/	3.2a/	3.2a/	3.2a/	202	650	762	650	762	723	723	
3691 Structural clay products		1	1	1		0.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3692 Cement, lime and plaster		9	12	20		1.8	1.8	2.3	2.3	2.1	2.1	2.1	2.1	...	428	557	428	557	535	535	
3699 Other non-metallic mineral products		145	164	142		1.2	1.5	1.1	1.1	1.1	1.1	1.1	1.1	202	222	205	202	205	188	188	
371 Iron and steel		43	40	35	41	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	166	124	125	124	125	135	135	
372 Non-ferrous metals		64	71	62	55	1.2	1.2	1.0	1.0	1.2	1.2	1.2	1.2	231	240	193	240	193	252	252	
381 Fabricated metal products		3011	2446	2331		15.7	12.8	9.9	9.9	8.0	8.0	8.0	8.0	2165	1815	1460	1815	1460	1199	1199	
3811 Cutlery, hand tools and general hardware		62	68	70		0.8	0.4	0.1	0.1	0.1a/	0.1a/	0.1a/	0.1a/	108	36	12	36	12	18a/	18a/	
3812 Furniture and fixtures primarily of metal		84	75	46	52	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	79	82	30	82	30	34	34	
3813 Structural metal products		711	644	568		2.2	2.0	1.5	1.5	1.5	1.5	1.5	1.5	381	305	256	305	256	255	255	
3819 Other fabricated metal products		2154	1775	1641		12.1	9.8	7.9	7.9	6.0	6.0	6.0	6.0	1581	1384	1150	1384	1150	881	881	
382 Non-electrical machinery		3599	2826	2336		22.8	22.5	15.8a/	15.8a/	12.2a/	12.2a/	12.2a/	12.2a/	3449	3752	2624a/	3752	2624a/	2139a/	2139a/	
3821 Engines and turbines		47	43	44		0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	62	64	64	62	64	48	48	
3822 Agricultural machinery and equipment		5	2	3		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	16	17	17	16	17	...	...
3823 Metal and wood working machinery		144	115	137		0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	38	38	23	38	23	35	35	
3824 Other special industrial machinery		1045	973	778		4.6	4.1	4.2	4.2	3.5	3.5	3.5	3.5	710	687	667	710	667	672	672	
3825 Office, computing and accounting machinery		162	199	222		10.7	9.9	7.1	7.1	5.1	5.1	5.1	5.1	1630	1676	1140	1630	1676	793	793	
3829 Other non-electrical machinery & equipment		2196	1471	1121		6.7	8.0	4.1	4.1	3.2	3.2	3.2	3.2	992	1297	730	992	1297	592	592	
383 Electrical machinery		831	693	596		30.2	25.2	22.0a/	22.0a/	21.3a/	21.3a/	21.3a/	21.3a/	4385	3959	3815a/	3959	3815a/	3822a/	3822a/	
3831 Electrical industrial machinery		169	121	118		2.6	2.4	2.1	2.1	1.9a/	1.9a/	1.9a/	1.9a/	499	502	493	499	502	492a/	492a/	
3832 Radio, television and communication equipm.		273	246	266		20.1	16.9	15.7	15.7	15.3a/	15.3a/	15.3a/	15.3a/	2945	2615	2691	2945	2615	2635a/	2635a/	
3833 Electrical appliances and housewares		124	125	86	67	1.5	1.4	0.9	0.9	0.7	0.7	0.7	0.7	189	221	175	189	221	149	149	
3839 Other electrical apparatus and supplies		265	123	75		6.0	4.5	3.2a/	3.2a/	3.0	3.0	3.0	3.0	751	621	455a/	751	621	461	461	
384 Transport equipment		537	450	485		10.0	9.2	10.1	10.1	9.8	9.8	9.8	9.8	2078	2156	2233	2078	2156	2188	2188	
3841 Shipbuilding and repairing		386	310	342		3.8	3.3	3.5	3.5	2.9	2.9	2.9	2.9	692	650	612	692	650	509	509	
3842 Railroad equipment		-	-	1		-	-	-	-	-	-	-	-	119	92	206	119	92	369	369	
3843 Motor vehicles		135	118	125		1.0	0.6	1.2	1.2	2.0	2.0	2.0	2.0	...	...	...	...	...	...	...
3844 Motorcycles and bicycles		1	1	1		-	-	-	-	-	-	-	-	...	...	...	...	...	...	...
3845 Aircraft		2	4	4		5.0	5.2	...	...	...	...	...	...	...	...	...	...	...	...	...
3849 Other transport equipment		13	12	13		0.2	0.1	-	-	-	-	-	-	34	18	11	34	18	2	2	
385 Professional and scientific equipment		674	623	517	475	10.6	9.0	6.6	6.6	4.7	4.7	4.7	4.7	1376	1389	1165	1376	1389	780	780	
3851 Prof. and scientific equipment n.e.c.		19	10	17		0.1	0.4	...	...	...	...	...	...	...	61	61	...	...	...	...
3852 Photographic and optical goods		49	73	53	53	3.8	3.5	2.7	2.7	1.7	1.7	1.7	1.7	479	570	615	479	570	340	340	
3853 Watches and clocks		606	478	405		6.7	5.0	3.4a/	3.4a/	2.6a/	2.6a/	2.6a/	2.6a/	871a/	757	470a/	871a/	757	389a/	389a/	
390 Other manufacturing industries		2224	2200	1899		13.3	11.9	10.5	10.5	8.4	8.4	8.4	8.4	1784	1691	1528	1784	1691	1356	1356	
3901 Jewelry and related articles		569	838	803		7.8	6.9	5.4	5.4	4.8	4.8	4.8	4.8	1137	1035	866	1137	1035	811	811	
3902 Musical instruments		1	1	3	
3903 Sporting and athletic goods		16	18	9		0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	35	35	28	35	35	21	21	
3909 Manufacturing industries, n.e.c.		1238	1183	1085		5.3	4.7a/	5.0a/	5.0a/	3.4a/	3.4a/	3.4a/	3.4a/	612	618	614	612	618	505	505	
3 Total manufacturing		25859	24925	22431	20383	302.2	267.1	231.3	231.3	204.2	204.2	204.2	204.2	42354	41177	36980	42354	41177	33388	33388	

a/ Data are incomplete due to confidentiality rules.
b/ 351 includes 352.
c/ 353 includes 354.

China (Hong Kong SAR)

ISIC Industry	Output in producers' prices (million DOLLARS)				Value added in producers' prices (million DOLLARS)				Gross fixed capital formation (million DOLLARS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
311/2 Food products		14605	13141	14244	15039		5733	4826	5035	5213
3111 Slaughtering, preparing & preserving meat		1642	1566	1642	1544		448	471	555	471
3112 Dairy products		1263	1327	1395	1399		613	673	766	799
3113 Canning, preserving of fruits & vegetables		126	144	114	127		43	51	7	7
3114 Canning, preserving and processing of fish		3403	1643	1679	2472		1523	505	567	461
3115 Vegetable and animal oils and fats		841	1101	137	147		137	147	177	166
3116 Grain mill products		260	130	1129	1007		50	37	1201	1393
3117 Bakery products		3321	2985	2697	3304		1292	1226	28	57
3118 Sugar factories and refineries		136	225	...	...		40	59	...	...
3119 Cocoa, chocolate and sugar confectionery		3411	3730	3671	4133		1533	1527	1571	1783
3121 Other food products		...	...	74	...		...	24	...	...
3122 Prepared animal feeds		...	...	...	...		...	...	...	...
313 Beverages		4775	4640	4481	...		1983	1865	1822	...
3131 Distilling, rectifying and blending spirits		...	...	...	...		...	...	...	...
3132 Wine industries		...	...	...	...		...	...	...	...
3133 Malt liquors and malt		...	...	...	...		...	...	...	...
3134 Soft drinks and carbonated waters		3513	3574	3383	3297		1352	1418	1391	1307
314 Tobacco		4655	3874	2572	...		2151	1620	1373	...
321 Textiles		37333	38598	29004	26635		9470	9316	7920	7276
3211 Spinning, weaving and finishing textiles	a/	16329	15138	11465	10735		4165	3848	3206	3273
3212 Made-up textile goods excl. wearing apparel		823	528	357	326		315	230	146	130
3213 Knitting mills	a/	19069	22023	16631	15162		4662	4948	4362	3733
3214 Carpets and rugs		35	25	33	...		11	10	11	...
3215 Cordage, rope and twine		73	49	73	...		17	14	27	16
3219 Other textiles		459	467	88	61		131	180	32	25
322 Wearing apparel, except footwear		41530	36104	29890	25094		11085	9142	7410	7259
323 Leather and fur products		600	571	235	154		147	144	52	33
3231 Tanneries and leather finishing		338	296	127	95		51	41	12	15
3232 Fur dressing and dyeing industries		262	274	108	59		96	103	41	19
3233 Leather prods. excl. wearing apparel		60	55	...	32		25	24	...	11
324 Footwear, except rubber or plastic		735	755	596	389		185	190	145	86
331 Wood products, except furniture		462	539	358	263		90	103	66	37
3311 Sawmills, planing and other wood mills		130	119a/	66a/	55a/		51	49	25	20
3312 Wooden and cane containers		143	3a/	166a/	68a/		44	1a/	53a/	27a/
3319 Other wood and cork products		291	297	258	168		111	125	102	81
332 Furniture and fixtures, excl. metal		6346	5933	3678	3283		1723	1656	937	843
341 Paper and products		1645	1383	326	474		340	356	40	107
3411 Pulp, paper and paperboard articles		3512	3490	2080	1914		993	1010	534	502
3412 Containers of paper and paperboard		1189	1060	1272	895		390	290	363	234
3419 Other pulp, paper and paperboard articles		30771	33843	30479	26175		11452	13398	11475	10748
342 Printing and publishing		9133	7622	7154	7312		2266	2081	2099	2199
351 Industrial chemicals	b/	1131	1131	1704	1845		479	411	671	882
3511 Basic chemicals excl. fertilizers		2956	2707	2200	2754		326	270	294	354
3512 Fertilizers and pesticides		250	207	...	74		113	101	...	46
3513 Synthetic resins and plastic materials	b/	1719	1657	1375	1472		686	705	517	609
352 Other chemicals		730	799	622	247		289	277	273	84
3521 Paints, varnishes and lacquers		994a/	837a/	1147	674a/		267a/	216a/	301	178a/
3522 Drugs and medicines		303c/	291c/	...	...		117c/	118c/	...	...
3523 Soap, cleaning preps., perfumes, cosmetics		...	...	...	...		...	...	...	...
3529 Other chemical products		...	...	...	...		...	...	...	...
353 Petroleum refineries		...	...	...	...		...	...	...	...

354 Misc. petroleum and coal products				....c/		....c/		....c/			....c/						
355 Rubber products		247	248	250		96	92	104			3						
3551 Tyres and tubes		151	150	148	164	63	62	61			2						
3559 Other rubber products		96	98	102	94a/	33	30	42			1						1a/
356 Plastic products		6831	6425	4683	3717	2280	2250	1890			182						59
361 Pottery, china, earthenware		20				8											
362 Glass and products		362	410	353	341	219	222	175			-1						4
369 Other non-metallic mineral products		1052	9059	9403	8382	414	2503	2718			613						207
3691 Structural clay products											a/						
3692 Cement, lime and plaster			7893	8263	7429		2046	2398			602						175
3699 Other non-metallic mineral products		1052	1166	1140	953	414	458	320			10						32
371 Iron and steel		1736	608	1031	1147	348	244	273			69						48
372 Non-ferrous metals		4724	6346	5133	5663	465	544	355			43						87
381 Fabricated metal products		19566	10019	7074	6358	3670	3101	2291			85						76
3811 Cutlery, hand tools and general hardware		1078	335	107	115a/	388	155	31			3						2a/
3812 Furniture and fixtures primarily of metal		291	354	144	129	102	117	47			1						
3813 Structural metal products		1737	1424	1084	999	526	463	444			35						15
3819 Other fabricated metal products		9423	7879	5711	5063	2639	2356	1760			47						59
382 Non-electrical machinery		31841	26840	24286a/	18494a/	7968	7846	7688a/			677						488
3821 Engines and turbines		397	354	315	239	142	114	145			30						29
3822 Agricultural machinery and equipment		205	296			101	151				2						
3823 Metal and wood working machinery		149	65	68	207	52	20	29			80						69
3824 Other special industrial machinery		3267	2630	2593	2872	1148	1084	966			517						364
3825 Office, computing and accounting machinery		23104	18216	18286	12600	4565	3997	4900			49						25
3829 Other non-electrical machinery & equipment		4719	5278	3024	2576	1960	2480	1648			2369						1795
383 Electrical machinery		34790	29928	29442a/	34770a/	11123	10420	9184a/			247						70a/
3831 Electrical industrial machinery		3574	3601	3412	3826a/	1092	1066	1314			2020						1646a/
3832 Radio, television and communication equipm.		24320	20425	22678	27547a/	8357	7602	6839			37						26
3833 Electrical appliances and housewares		1715	1735	911	691	376	544	385			65a/						45
3839 Other electrical apparatus and supplies		5180	3967	2441a/	2473	1297	1208	647a/			1334						92
384 Transport equipment		4882	5333	5371	6341	3033	3334	3017			12						23
3841 Shipbuilding and repairing		1839	1789	1582	1436	945	892	763			156						
3842 Railroad equipment																	
3843 Motor vehicles		470	386	932	1042	172	127	354									22
3844 Motorcycles and bicycles																	
3845 Aircraft			2875														
3849 Other transport equipment		54	283	129	11	43	176	72									
385 Professional and scientific equipment		13449	11130	10879	8737	2612	2572	2226			78						73
3851 Prof. and scientific equipment n.e.c.		3880	215	5037	4346	928	83	1165			73						48
3852 Photographic and optical goods		9342a/	6967	5438a/	4041a/	1618a/	1364	924a/			-5						20
3853 Watches and clocks																	
390 Other manufacturing industries		12230	12124	9723	8682	3059	2756	2556			133						74
3901 Jewellery and related articles		8345	8488	6649	5770	1840	1626	1399			48						9
3902 Musical instruments		223	233	200	146	60	56	46									3
3903 Sporting and athletic goods		3561	3382	2872	2649	1158	1068	1110			86						62
3909 Manufacturing industries, n.e.c.																	
3 Total manufacturing		283172	264285	230548	212052	83592	80423	70849			8917						5257

a/ Data are incomplete due to confidentiality rules.

b/ 351 includes 352.

c/ 353 includes 354.

China (Hong Kong SAR)

ISIC Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
		Note													
311/2	Food products	86	89	100	104	109	112	114	113	112	112	101	100		
313	Beverages	...	...	...	...	...	...	...	...	...	...	...	...
314	Tobacco	...	...	...	...	...	...	...	...	...	...	...	...
321	Textiles	97	102	100	105	109	101	101	97	91	93	83	79		
322	Wearing apparel, except footwear	101	102	100	97	98	100	100	101	97	94	88	88		
323	Leather and fur products	109	101	100	95	93	85	81	78	79	...	...	...
324	Footwear, except rubber or plastic	...	...	...	...	...	...	...	...	...	...	...	...
331	Wood products, except furniture	109	101	100	95	93	85	81	78	79	...	...	...
332	Furniture and fixtures, excl. metal	...	...	...	...	...	...	...	...	...	...	...	...
341	Paper and products	84	92	100	111	130	146	150	150	146	149	137	124		
342	Printing and publishing	84	92	100	110	129	146	150	150	145	148	...	...
351	Industrial chemicals	116	106	100	94	90	81	74	70	70	71	62	53		
352	Other chemicals	...	...	...	...	...	...	...	...	...	...	...	...
353	Petroleum refineries	...	...	...	...	...	...	...	...	...	...	...	...
354	Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...	...	...
355	Rubber products	115	106	100	94	90	81	74	70	70	...	...	...
356	Plastic products	133	115	100	92	85	71	58	49	47	45	36	29		
361	Pottery, china, earthenware	115	106	100	94	90	81	74	70	70	...	...	...
362	Glass and products	...	...	...	...	...	...	...	...	...	...	...	...
369	Other non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
371	Iron and steel	122	111	100	98	93	85	84	83	75	71	64	51		
372	Non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
381	Fabricated metal products	126	113	100	99	94	86	85	82	73	70	57	45		
382	Non-electrical machinery	122	112	100	94	94	85	84	83	75	...	...	...
383	Electrical machinery	97	99	100	103	105	107	111	121	114	112	104	102		
384	Transport equipment	109	101	100	95	93	85	81	78	79	...	...	...
385	Professional and scientific equipment	97	99	100	103	105	107	111	121	114	...	...	...
390	Other manufacturing industries	110	101	100	95	93	85	81	77	79	81	71	63		
3	Total manufacturing	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)

<p>Supplier of information: Direcção de Serviços de Estatística e Censos, Macao SAR.</p> <p>Basic source of data: Annual industrial census.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: All legal establishments.</p> <p>Method of enumeration: The inquiry is carried out through field interviews by enumerators, mail returns and through respondents' personal delivery of questionnaires.</p> <p>Adjusted for non-response: No.</p>	<p>Concepts and definitions of variables: <u>Number of employees</u> is the average of the quarterly numbers.</p> <p>Related national publications: Inquerito Industrial (annual), published by the Direcção de Serviços de Estatística e Censos, Macao SAR.</p>
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China (Macao SAR)

ISIC Industry	Number of establishments			Number of persons engaged			Wages and salaries paid to employees (thousand PATAcAS)					
	(numbers)			(numbers)			Note	1996	1997	1998	1999	
	1996	1997	1998	1999	1996	1997						1998	1999
15 Food and beverages	...	134	166	132	...	1262	1300	1244	...	71399	74321	77536
16 Tobacco products	...	4	3	3	...	105	94	103	...	6740	6248	6392
17 Textiles	...	140	134	115	...	5980	5878	6200	...	322902	325476	333347
18 Wearing apparel, fur	...	408	441	394	...	23916	25520	26429	...	1206309	1230910	1283137
19 Leather, leather products and footwear	...	15	13	16	...	905	778	910	...	35644	32156	36787
20 Wood products (excl. furniture)	...	18	17	15	...	71	60	48	...	2657	2254	1737
21 Paper and paper products	...	34	27	24	...	201	159	159	...	8266	6881	7758
22 Printing and publishing	...	100	112	102	...	1307	1370	1155	...	97374	97800	87680
23 Coke, refined petroleum products, nuclear fuel	...	-	-	-	...	-	-	-	...	-	-	-
24 Chemicals and chemical products	...	14	10	13	...	205	150	264	...	17806	15501	24444
25 Rubber and plastics products	...	14	12	10	...	102	94	80	...	4029	4043	3421
26 Non-metallic mineral products	...	22	23	22	...	482	459	449	...	39739	36484	38150
27 Basic metals	...	-	-	-	...	-	-	-	...	-	-	-
28 Fabricated metal products	...	179	171	155	...	567	533	479	...	22180	25088	20381
29 Machinery and equipment n.e.c.	...	60	59	56	...	210	200	187	...	9750	7647	6357
30 Office, accounting and computing machinery	...	3	3	3	...	569	557	545	...	33256	33631	34269
31 Electrical machinery and apparatus	...	18	19	17	...	637	555	533	...	34011	33407	31483
32 Radio, television and communication equipment
33 Medical, precision and optical instruments	...	4	5	3	...	31	45	39	...	906	1666	1995
34 Motor vehicles, trailers, semi-trailers	...	-	-	-	...	-	-	-	...	-	-	-
35 Other transport equipment	...	14	13	11	...	225	184	160	...	23563	19868	19657
36 Furniture; manufacturing n.e.c.	...	158	153	136	...	1888	1696	1193	...	73858	71654	48525
37 Recycling
D Total manufacturing	...	1339	1381	1227	...	38663	39632	40177	...	2010376	2024936	2063055

China (Macao SAR)

ISIC Industry	Output in producers' prices (thousand PATACAS)				Value added in producers' prices (thousand PATACAS)				Gross fixed capital formation (thousand PATACAS)	
	1996	1997	1998	1999	1996	1997	1998	1999	1998	1999
	Note				Note				Note	
ISIC Revision 3										
15 Food and beverages	...	264792	267383	264355	...	114421	116187	114882	17238	5312
16 Tobacco products	...	106229	105880	71682	...	18181	17642	14466	18360	-37845
17 Textiles	...	2907512	2923606	2948117	...	606921	584770	568706	72368	46245
18 Wearing apparel, fur	...	8606843	8302118	8536491	...	2161448	2215902	2206120	187597	194547
19 Leather, leather products and footwear	...	245601	245529	260565	...	59397	57411	53807	1257	8656
20 Wood products (excl. furniture)	...	7224	6377	5134	...	2745	2763	2021	32	64
21 Paper and paper products	...	40842	33783	31546	...	13371	10275	10425	65	5984
22 Printing and publishing	...	292651	285818	270732	...	104164	109394	110321	10741	25225
23 Coke, refined petroleum products, nuclear fuel	...	-	-	-	...	-	-	-	-	-
24 Chemicals and chemical products	...	135880	102699	148397	...	34365	44482	70568	16701	26108
25 Rubber and plastics products	...	26260	24396	21194	...	6488	6103	5909	170	-
26 Non-metallic mineral products	...	507979	333073	334258	...	92801	98611	82875	4391	8389
27 Basic metals	...	-	-	-	...	-	-	-	-	-
28 Fabricated metal products	...	87700	106259	62707	...	39699	46591	30570	900	209
29 Machinery and equipment n.e.c.	...	37005	30212	21830	...	24749	15874	13670	1704	-13446
30 Office, accounting and computing machinery	...	106903	97270	101166	...	54455	53675	56062	4537	5400
31 Electrical machinery and apparatus	...	246658	266896	261297	...	67418	77035	80023	8774	5525
32 Radio, television and communication equipment
33 Medical, precision and optical instruments	...	10358	5536	2631	...	4082	1409	429	2347	388
34 Motor vehicles, trailers, semi-trailers	...	-	-	-	...	-	-	-	-	-
35 Other transport equipment	...	60082	29952	32844	...	33468	14403	20356	445	238
36 Furniture, manufacturing n.e.c.	...	410175	397917	205987	...	111695	110368	75505	9312	2985
37 Recycling
D Total manufacturing	...	14100695	13564703	13580931	...	3549868	3582895	3516714	356940	283984

COLOMBIA

<p>Supplier of information: Departamento Administrativo Nacional de Estadística, Bogotá. The index numbers of industrial production are compiled by the Banco de la República.</p> <p>Basic source of data: Annual manufacturing survey.</p> <p>Major deviations from ISIC (Revision 2): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Establishments with 10 or more persons engaged.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <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>Related national publications: 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 Industry	Number of establishments				Number of employees				Wages and salaries paid to employees (million PESOS)				
	(numbers)				(numbers)				(million PESOS)				
	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	
ISIC Industry	Note				Note				Note				
311/2 Food products		1574	1540	1514	103528	104024	101484	94486		457404	570411	662316	710716
3111 Slaughtering, preparing & preserving meat		124	126	132	12605	12471	12471	12630		45905	56785	68035	72284
3112 Dairy products		119	121	118	12797	14897	12506	11811		63640	87998	87862	98933
3113 Canning, preserving of fruits & vegetables		58	64	65	4155	3634	3793	2997		17361	16508	20412	19375
3114 Canning, preserving and processing of fish		17	15	14	1450	1071	1071	1137		6109	8447	9044	9004
3115 Vegetable and animal oils and fats		57	58	56	8918	9255	8669	8081		47641	55438	61640	69081
3116 Grain mill products		276	274	260	12267	11588	12042	10282		47816	57287	67582	70296
3117 Bakery products		472	488	483	19185	20097	19484	18855		87824	94723	94723	105247
3117 Bakery products		32	33	31	9776	9137	10427	8533		60085	66195	101388	91890
3118 Sugar factories and refineries		75	74	71	6327	5639	5308	5158		28944	41909	41909	46092
3119 Cocoa, chocolate and sugar confectionery		199	212	208	11797	12240	11775	11141		56094	79874	93397	93397
3121 Other food products		70	73	76	4251	4309	3938	3984		22160	27272	30442	35078
3122 Prepared animal feeds													
313 Beverages		141	140	136	20454	19933	21220	18309		128738	157378	191978	203717
3131 Distilling, rectifying and blending spirits		31	30	30	3570	3093	3221	2962		19675	20653	24621	25784
3132 Wine industries		23	23	20	768	520	537	482		2697	1873	2262	2282
3133 Malt liquors and malt		22	22	22	7222	7531	7208	7212		55555	71259	81308	92986
3134 Soft drinks and carbonated waters		65	65	62	8894	8789	10254	7653		50812	63593	83786	82664
314 Tobacco		9	9	9	1220	1200	1126	1106		6206	7711	8899	11262
321 Textiles		465	457	432	54297	56192	50374	47024		213972	268949	288109	305249
3211 Spinning, weaving and finishing textiles		185	177	174	30624	29925	27364	26158		134088	160700	186070	186070
3212 Made-up textile goods excl. wearing apparel		62	67	55	3366	3430	2722	3039		11845	11777	11777	15062
3213 Knitting mills		172	185	163	18096	20743	18608	16140		58784	83457	89997	90512
3214 Carpets and rugs		15	14	9	636	695	447	409		2409	2697	2877	2821
3215 Cordage, rope and twine		8	7	8	571	534	526	528		2482	2793	3178	3285
3219 Other textiles		23	22	22	1004	965	807	750		5184	7457	7176	7499
322 Wearing apparel, except footwear		941	888	826	62276	59888	56422	52095		167060	186193	210929	217060
323 Leather and fur products		120	118	113	6492	5759	5532	4900		19757	22322	25529	25855
3231 Tanneries and leather finishing		40	44	42	2762	2444	2143	1920		9220	10744	12814	12814
3232 Fur dressing and dyeing industries		7	8	10	537	595	513	514		1401	1691	1691	2149
3233 Leather prods. excl. wearing apparel		73	67	61	3193	2720	2700	2243		9136	9648	11486	10892
324 Footwear, except rubber or plastic		269	282	242	10945	11032	9915	7558		30762	36818	38221	33890
331 Wood products, except furniture		211	189	159	6893	6617	6027	4807		26227	29775	33020	28170
3311 Sawmills, planing and other wood mills		167	154	123	5767	5305	4860	3749		23378	25392	28256	23394
3312 Wooden and cane containers		7	4	4	134	111	113	131		342	333	331	435
3319 Other wood and cork products		37	31	32	992	1201	1054	927		2507	4049	4433	4341
332 Furniture and fixtures, excl. metal		287	271	195	9034	8295	7038	5610		26281	28220	28319	25122
341 Paper and products		186	191	186	14729	15345	15452	14548		101171	120159	147475	164022
3411 Paper, paper and paperboard articles		34	31	30	5816	6488	6428	5553		51959	62158	73072	71414
3412 Containers of paper and paperboard		102	108	101	5794	5971	5848	5243		29546	36319	43738	45083
3419 Other pulp, paper and paperboard articles		50	51	55	3119	2886	3176	3752		19666	21682	30665	47525
342 Printing and publishing		453	463	449	27930	27062	24946	24095		134608	155420	168451	201181
351 Industrial chemicals		170	171	165	12478	11176	11076	10390		103602	117884	126418	143166
3511 Basic chemicals excl. fertilizers		111	113	89	4624	4304	3921	3406		27073	35111	44140	34971
3512 Fertilizers and pesticides		33	35	38	3468	3001	3285	3058		38172	40864	44140	52705
3513 Synthetic resins and plastic materials		26	23	26	4386	3871	3870	3926		38358	41909	46707	55489
352 Other chemicals		373	381	359	37902	36756	35192	31981		260066	305818	351005	368698
3521 Paints, varnishes and lacquers		42	39	34	3240	3306	2584	27853		20099	22041	22041	22745
3522 Drugs and medicines		134	135	118	16668	15488	15328	14803		136920	148603	185861	187996
3523 Soap, cleaning preps., perfumes, cosmetics		87	94	98	10734	11959	11894	10992		68034	87131	98867	114027
3529 Other chemical products		110	113	109	7260	6003	5386	4857		35013	42231	44236	43931
353 Petroleum refineries		7	7	8	5952	6124	5615	3213		61260	65371	83985	57379

354 Misc. petroleum and coal products	41	45	44	44	1597	1407	1292	980	8634	9806	11375	11613
355 Rubber products	104	104	102	92	6391	6251	5561	5046	38478	46082	49150	50609
3551 Tyres and tubes	25	26	26	24	3007	2894	2084	2084	32247	33661	32247	34784
3559 Other rubber products	79	78	76	68	3384	3357	3192	2962	11469	13836	15489	15825
356 Plastic products	478	484	483	459	27184	28701	27546	24597	121910	153062	176569	182305
361 Pottery, china, earthenware	14	12	12	11	5340	5681	5684	5125	27335	36147	42625	45828
362 Glass and products	77	69	63	60	6600	6259	5925	4804	37505	42865	49283	45718
369 Other non-metallic mineral products	379	378	357	325	22296	21400	18608	15143	105147	124073	133934	122770
3691 Structural clay products	125	117	108	104	7212	6255	5681	4658	23934	22920	25096	22212
3692 Cement, lime and plaster	31	32	28	26	5512	5216	4282	3628	36971	48659	45482	48968
3699 Other non-metallic mineral products	223	229	221	195	9572	9929	8645	6857	44242	54494	59870	55075
371 Iron and steel	83	81	79	70	8149	8585	8145	7060	52687	63841	67143	76371
372 Non-ferrous metals	43	42	33	37	2018	1797	1694	1731	10985	12121	12508	15621
381 Fabricated metal products	699	709	640	596	31963	29487	26335	22733	135643	144503	154072	153855
3811 Cutlery, hand tools and general hardware	37	36	37	36	4846	4698	4569	3921	25112	29195	31649	33916
3812 Furniture and fixtures primarily of metal	167	165	155	133	5089	4893	4384	3805	14680	16609	17985	19284
3813 Structural metal products	206	220	191	170	8208	7420	6491	5164	35456	37134	37651	34679
3819 Other fabricated metal products	289	288	257	257	13810	12476	10891	9843	60393	61565	66577	65976
382 Non-electrical machinery	382	391	380	346	19047	19401	17837	15354	77315	95113	103191	99748
3821 Engines and turbines	37	37	30	29	1056	1035	962	763	4483	4508	4415	4446
3822 Agricultural machinery and equipment	25	27	25	21	526	535	424	309	2239	2681	2681	1804
3823 Metal and wood working machinery	71	68	69	64	2352	2195	2041	1718	9131	10547	11738	10799
3824 Other special industrial machinery	330	323	323	323	14743	15313	14117	12325	59991	75718	82557	81153
3825 Office, computing and accounting machinery	239	249	245	222	14743	15313	14117	12325	59991	75718	82557	81153
3829 Other non-electrical machinery & equipment	210	205	187	176	18493	16318	14456	11989	92563	101484	116257	107117
383 Electrical machinery	81	80	69	68	5419	5497	4900	4414	31582	38054	45343	45998
3831 Electrical industrial machinery	36	35	33	24	4334	3251	2626	1297	17520	17109	19189	9432
3832 Radio, television and communication equipm.	6	6	5	6	478	450	376	398	2447	2517	2217	3417
3833 Electrical appliances and housewares	87	84	80	78	8262	7120	6554	5880	41013	43805	49508	48270
3839 Other electrical apparatus and supplies	265	266	246	227	17979	18305	16959	13493	99124	113536	141759	119517
384 Transport equipment	7	7	7	7	676	612	602	560	2853	3111	3427	4095
3841 Shipbuilding and repairing	217	210	195	179	13781	13750	12532	9618	76281	85918	109805	88234
3842 Railroad equipment	28	36	31	28	2322	2709	2603	2093	10355	13946	16903	14276
3843 Motor vehicles	7	7	8	7	1057	1135	1164	995	9387	10292	11459	11551
3844 Motorcycles and bicycles	6	6	5	6	103	99	98	227	249	268	164	1362
3845 Aircraft	65	64	64	60	3656	3555	3440	3183	16312	19073	22873	22993
3849 Other transport equipment	54	54	53	50	3157	3188	3014	2822	14347	17188	20306	20773
385 Professional and scientific equipment	11	10	11	10	499	367	426	361	1964	1885	2567	2220
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
3852 Photographic and optical goods	22	212	200	186	9476	8930	8159	7375	35133	37811	41282	43638
3853 watches and clocks	22	20	16	16	1066	1139	795	800	4394	5108	4885	5665
390 Other manufacturing industries	4	4	3	3	65	66	57	55	191	227	227	248
3901 Jewellery and related articles	7	9	10	8	288	269	143	143	745	958	1178	565
3902 Musical instruments	169	179	171	159	8057	7456	7021	6377	29803	31517	34992	37161
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n. e. c.	8174	8321	7863	7443	554319	545480	513030	458795	2595885	3071945	3486673	3593192
3 Total manufacturing												

a/ 3822 includes 3821.
b/ 3849 includes 3842.
c/ 3852 includes 3853.

Colombia

ISIC Industry	Output in producers' prices (billion PESOS)				Value added in producers' prices (billion PESOS)				Gross fixed capital formation (million PESOS)			
	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1998	1999
ISIC Industry												
ISIC Revision 2												
311/2 Food products	9362.3	11133.0	13454.5	14232.9		3215.3	3650.0	4502.4	4977.7		-190524	-171458
3111 Slaughtering, preparing & preserving meat	801.8	946.5	1201.2	1366.6		252.0	303.3	403.2	450.9		3354	-4640
3112 Dairy products	1395.4	1690.3	2019.8	2143.5		504.1	618.2	747.1	821.0		19399	-14880
3113 Canning, preserving of fruits & vegetables	244.3	309.5	302.7	311.0		139.0	110.2	126.3	148.6		-20	-10901
3114 Canning, preserving and processing of fish	176.4	246.3	326.5	371.0		50.5	73.1	88.2	120.2		-6456	-48211
3115 Vegetable, and animal oils and fats	824.3	896.3	1128.1	1317.9		257.2	289.6	345.1	408.9		-15862	-27713
3116 Grain mill products	1905.4	2661.1	3155.1	2961.5		414.7	481.6	628.0	563.7		4958	3790
3117 Bakery products	624.7	702.5	854.6	882.9		263.0	342.9	410.2	497.4		-41707	-6512
3118 Sugar factories and refineries	1021.2	1104.0	1227.6	1331.2		491.2	540.2	596.9	646.8		-106228	-48093
3119 Cocoa, chocolate and sugar confectionery	919.0	529.8	1280.5	906.9		251.0	274.1	300.0	505.4		-4076	3080
3121 Other food products	492.9	1022.0	1244.3	1244.3		407.3	474.7	568.2	537.6		-34855	-29153
3122 Prepared animal feeds	957.0	1011.4	1222.0	1314.4		165.1	142.0	199.1	277.3		-9030	11804
313 Beverages	2485.9	3165.4	3689.9	3478.2		1593.7	2044.1	2402.1	2351.3		-60990	-124177
3131 Distilling, rectifying and blending spirits	326.6	328.8	366.3	456.3		195.4	179.6	222.7	310.4		-604	-1125
3132 Wine industries	27.6	26.7	30.1	30.6		12.0	12.5	13.2	12.8		-112	-1486
3133 Malt liquors and malt	1233.0	1530.6	1785.7	1732.1		850.2	1047.7	1257.8	1231.7		-63290	-58891
3134 Soft drinks and carbonated waters	898.7	1279.3	1507.9	1259.2		536.1	804.3	908.5	796.5		3016	-62674
314 Tobacco	137.2	156.3	193.4	260.4		77.4	85.9	109.7	160.2		-4622	-15699
321 Textiles	2107.3	2244.2	2396.5	2320.9		1061.2	1131.7	1206.2	1132.9		-83730	-213244
3211 Spinning, weaving and finishing textiles	1397.5	1404.3	1474.7	1375.0		739.6	728.1	743.9	664.1		-68003	-179201
3212 Made-up textile goods excl. wearing apparel	82.2	87.2	89.8	113.1		37.7	42.5	45.7	57.4		515	-17555
3213 Knitting mills	506.1	624.7	695.9	686.0		236.0	304.8	350.2	338.1		-13769	-1648
3214 Carpets and rugs	21.3	20.2	20.0	17.6		8.7	9.4	9.5	8.6		-503	-2691
3215 Cordage, rope and twine	19.0	20.7	23.5	21.0		8.9	9.9	12.1	10.0		-1535	-6362
3219 Other textiles	81.2	87.1	92.7	108.2		37.1	37.1	44.9	54.7		-435	-17022
322 Wearing apparel, except footwear	1098.9	1264.4	1567.4	1604.3		553.7	632.2	794.8	747.0		-3600	-3235
323 Leather and fur products	207.8	223.3	231.4	229.1		82.1	97.8	104.7	101.3		-1975	-2661
3231 Tanneries and leather finishing	18.2	23.0	23.8	26.4		6.6	10.6	13.2	9.2		-111	-455
3232 Fur dressing and dyeing industries	62.5	65.1	71.9	62.5		34.0	34.6	36.9	31.9		-1514	-119
3233 Leather prods. excl. wearing apparel	275.5	325.2	318.4	264.7		125.0	155.8	157.7	129.2		-7188	-4465
324 Footwear, except rubber or plastic	246.5	285.2	307.6	245.2		110.6	129.0	143.7	106.6		-21542	-22488
331 Wood products, except furniture	228.3	255.8	276.0	215.6		102.7	114.3	126.3	90.9		-21938	-21639
3311 Sawmills, planing and other wood mills	2.8	2.9	3.1	4.0		1.0	1.0	1.0	1.7		-70	-21
3312 Wooden and cane containers	15.4	26.5	28.4	25.7		6.9	13.7	16.4	14.0		466	-828
3319 Other wood and cork products	153.2	165.6	165.8	150.2		79.1	85.8	84.6	74.9		-4835	-7578
332 Furniture and fixtures, excl. metal	1581.7	1649.0	1880.1	2136.9		676.9	645.3	781.3	929.3		16596	-58492
341 Paper and products	413.9	471.7	524.2	556.0		152.6	170.8	202.1	215.4		-7869	-47450
3412 Containers of paper and paperboard	346.8	384.6	441.7	568.7		164.8	182.4	201.2	341.2		9854	-25308
3419 Other pulp, paper and paperboard articles	1086.9	1292.1	1421.4	1662.2		600.2	748.6	798.9	911.3		14711	14266
342 Printing and publishing	1980.7	2170.3	2547.3	2814.8		771.3	895.8	1117.1	1167.8		32634	-13933
351 Industrial chemicals	394.1	447.6	571.4	593.5		201.5	259.0	342.1	368.9		28412	-76003
3511 Basic chemicals excl. fertilizers	785.9	818.3	1093.0	1161.7		454.8	433.9	325.0	433.9		-35382	-16504
3512 Fertilizers and pesticides	800.7	904.4	882.8	1059.6		256.9	311.8	320.3	365.0		92063	8025
3513 Synthetic resins and plastic materials	2937.8	3719.8	4313.1	4677.3		1662.6	2127.5	2469.2	2605.1		-28269	-67524
352 Other chemicals	309.4	341.1	332.3	341.1		187.8	125.9	125.9	129.9		-8441	11305
3521 Paints, varnishes and lacquers	1191.2	1380.5	1743.1	1765.5		743.1	1052.5	1052.7	1093.3		1375	-3303
3522 Drugs and medicines	1089.7	1509.4	1757.3	2056.8		624.9	897.6	1050.7	1108.3		10687	12049
3523 Soap, cleaning preps., perfumes, cosmetics	347.6	400.1	482.0	513.9		170.4	180.6	240.0	273.6		-23720	-271
3529 Other chemical products	1989.7	2483.6	2843.6	3596.1		908.2	964.4	1314.0	1694.5		3218	2781
353 Petroleum refineries											154078	-142840

354 Misc. petroleum and coal products	255.8	287.5	308.6	293.5	97.6	139.0	147.9	133.3	-11520	-7653
355 Rubber products	400.8	405.7	401.1	391.8	194.0	200.2	189.6	184.0	-54838	-23647
3551 Tyres and tubes	313.4	294.3	280.3	271.5	151.4	144.8	129.8	125.7	-63302	-21272
3559 Other rubber products	87.5	111.4	120.8	120.3	42.5	55.4	59.8	58.3	-1536	-2375
356 Plastic products	1346.7	1711.0	1884.6	1867.7	603.8	775.5	868.7	865.5	-4717	-46124
361 Pottery, china, earthenware	207.2	291.9	327.6	336.9	129.4	192.3	218.3	224.0	11521	-2171
362 Glass and products	349.7	444.6	470.0	389.2	195.8	262.8	289.7	217.2	-13580	-45017
369 Other non-metallic mineral products	1416.6	1839.4	1837.0	1637.1	787.7	1086.4	1065.7	1005.3	-815	-70197
3691 Structural clay products	131.5	113.5	122.2	108.7	83.4	74.1	78.2	69.6	-12080	-16010
3692 Cement, lime and plaster	753.8	1048.8	1010.4	987.6	458.3	683.6	665.1	677.1	39484	-9386
3699 Other non-metallic mineral products	531.3	677.1	704.4	540.8	246.0	328.7	322.3	258.6	-28219	-44801
371 Iron and steel	767.5	917.6	1002.0	943.9	300.3	382.3	371.6	455.0	-14083	200734
372 Non-ferrous metals	169.2	183.8	268.4	401.7	49.9	71.4	88.3	96.0	6330	-1926
381 Fabricated metal products	1212.1	1334.6	1332.7	1204.3	597.5	645.5	652.2	593.0	-2976	-64822
3811 Cutlery, hand tools and general hardware	188.9	224.1	217.7	220.2	129.3	152.7	147.5	146.7	2122	-2804
3812 Furniture and fixtures primarily of metal	86.0	103.8	113.3	111.5	42.3	47.0	54.5	53.9	1213	-1889
3813 Structural metal products	356.7	314.3	282.4	251.8	192.0	146.1	127.6	118.8	-6213	-18367
3819 Other fabricated metal products	580.5	692.4	719.2	620.7	233.8	299.8	322.5	276.6	-99	-41762
382 Non-electrical machinery	620.3	764.4	836.1	734.0	286.8	362.1	412.5	376.4	-10804	-49424
3821 Engines and turbines	23.6	22.3	23.9	22.1	13.6	12.9	13.9	12.9	..	..
3822 Agricultural machinery and equipment	9.8	9.3	10.3	5.9	5.6	5.6	6.6	3.7	-393	-1047
3823 Metal and wood working machinery	52.9	56.8	64.1	57.5	27.7	29.1	35.5	32.8	-687	-938
3824 Other special industrial machinery	8.2	9.0	10.2	8.1	3.9	4.4	5.3	4.8	-1213	-3306
3825 Office computing and accounting machinery	525.7	666.9	727.5	640.5	236.0	310.1	351.2	322.1	-135	-1147
3829 Other non-electrical machinery & equipment	835.9	942.9	964.3	849.9	394.5	450.4	476.4	407.1	-8377	-42987
383 Electrical machinery	253.0	241.3	248.1	229.6	104.7	107.3	107.6	92.1	-51267	-52913
3831 Electrical industrial machinery	127.2	140.6	130.6	74.3	70.7	68.3	61.7	41.3	-5744	-9167
3832 Radio, television and communication equipm.	35.6	41.9	33.2	32.7	14.9	18.0	21.3	15.3	-10377	-992
3833 Electrical appliances and housewares	420.0	519.1	552.3	513.3	204.1	256.9	285.8	258.4	17085	2981
3839 Other electrical apparatus and supplies	1632.7	2186.6	2068.8	1291.2	485.6	794.8	621.8	382.8	-52232	-45734
384 Transport equipment	22.1	21.4	21.8	35.7	17.7	17.0	17.3	28.0	-25416	-21247
3841 Shipbuilding and repairing	..	..	..	..	..	..	..	..	-119	2974
3842 Railroad equipment	1297.3	1792.3	1647.8	956.5	363.6	656.0	475.3	259.6	..	..
3843 Motor vehicles	222.0	275.7	297.4	191.8	54.3	65.4	72.8	40.1	-20508	-24873
3844 Motorcycles and bicycles	89.4	95.5	100.3	97.0	49.6	55.8	56.0	51.0	984	3337
3845 Aircraft	1.9	1.8	1.5	10.2	0.5	0.5	0.5	4.1	-5759	-2627
3849 Other transport equipment	..	..	..	..	..	..	..	..	-15	-59
385 Professional and scientific equipment	163.5	218.0	268.4	273.0	86.7	131.5	160.1	157.7	-1471	-11862
3851 Prof. and scientific equipment n.e.c.	153.2	204.9	255.2	257.5	79.8	123.0	152.0	148.0	-1122	-11325
3852 Photographic and optical goods	10.3	13.1	13.2	15.5	6.9	8.5	8.1	9.7	-349	-638
3853 Watches and clocks	..	..	..	..	..	..	..	..	..	..
390 Other manufacturing industries	255.1	273.4	297.1	283.1	151.7	161.8	182.1	174.7	-5006	-8777
3901 Jewellery and related articles	26.0	24.9	24.1	16.2	15.5	16.1	17.4	9.8	-927	458
3902 Musical instruments	0.8	0.9	1.0	1.1	0.4	0.5	0.6	0.7	-5	-10
3903 Sporting and athletic goods	8.7	11.3	13.1	7.7	3.8	6.9	5.8	4.2	71	-203
3909 Manufacturing industries, n.e.c.	219.6	236.2	258.8	258.1	132.0	138.2	158.4	160.0	-4145	-9022
3 Total manufacturing	35284.6	42079.0	47597.0	48570.5	15878.8	19049.9	21731.3	22361.3	-334729	-1064373

a/ 3822 includes 3821.
b/ 3849 includes 3842.
c/ 3852 includes 3853.

Colombia

ISIC Revision 2		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
		Note													
ISIC Industry		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
311/2 Food products		90	90	100	98	111	105	103	106	110	110	112	103		
313 Beverages		97	98	100	100	95	101	109	118	109	111	109	95		
314 Tobacco		107	101	100	116	97	85	70	59	67	64	65	67		
321 Textiles		103	97	100	100	107	106	108	113	116	115	111	100		
322 Wearing apparel, except footwear		84	94	100	97	101	95	78	77	81	91	132	117		
323 Leather and fur products		81	85	100	109	105	97	91	77	58	67	67	60		
324 Footwear, except rubber or plastic		100	107	100	122	124	119	115	104	84	82	82	53		
331 Wood products, except furniture		82	94	100	96	95	107	117	102	74	70	63	51		
332 Furniture and fixtures, excl. metal		113	107	100	94	104	121	149	154	77	87	80	57		
341 Paper and products		78	89	100	112	122	113	122	133	120	120	129	123		
342 Printing and publishing		118	105	100	104	105	114	132	121	116	121	123	95		
351 Industrial chemicals		99	98	100	104	101	102	104	113	103	100	94	85		
352 Other chemicals		87	93	100	101	109	114	119	121	113	120	119	95		
353 Petroleum refineries		95	98	100	102	90	91	97	98	118	116	111	124		
354 Misc. petroleum and coal products		111	109	100	92	96	95	110	116	108	109	99	87		
355 Rubber products		99	95	100	104	112	111	100	85	73	63	55	46		
356 Plastic products		96	91	100	99	115	128	148	143	144	150	151	136		
361 Pottery, china, earthenware		104	102	100	111	124	141	157	156	155	179	172	144		
362 Glass and products		93	93	100	99	97	101	106	110	100	112	97	73		
369 Other non-metallic mineral products		102	104	100	111	116	128	136	138	122	114	105	74		
371 Iron and steel		99	100	100	98	111	113	130	132	127	146	132	131		
372 Non-ferrous metals		99	82	100	99	108	106	110	115	102	103	101	76		
381 Fabricated metal products		101	88	100	91	100	114	125	134	131	140	129	109		
382 Non-electrical machinery		65	69	100	101	116	130	142	143	116	120	108	78		
383 Electrical machinery		112	107	100	91	106	114	120	111	106	122	108	85		
384 Transport equipment		117	109	100	84	100	142	158	159	145	156	143	77		
385 Professional and scientific equipment		113	102	100	106	88	85	89	118	139	142	144	128		
390 Other manufacturing industries		109	112	100	103	106	120	121	117	112	115	101	80		
3 Total manufacturing		97	96	100	100	106	110	114	117	112	115	113	96		

COSTA RICA

<p>Supplier of information: Departamento de Contabilidad Social, Banco Central de Costa Rica, San José.</p> <p>Basic source of data: Data collection of the Banco Central de Costa Rica.</p> <p>Major deviations from ISIC (Revision 2): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: 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>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: Figures for <u>wages and salaries</u> were computed by UNIDO from the reported monthly averages. <u>Output and value added</u> are at basic prices. Both are derived from national accounts estimates.</p> <p>Related national publications:</p>
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Costa Rica

ISIC Revision 2

ISIC Industry	Number of establishments (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million COLONES)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
311/2 Food products		1273	1331	1235	1344		39084	39613	43192	44516		32658.4	38057.7	49839.6	60824.6
3111 Slaughtering, preparing & preserving meat		87	111	99	122		6159	5928	5812	5555.1		5544.0	5848.7	6555.1	8107.5
3112 Dairy products		50	54	58	58		3896	3685	4029	4029		4029.8	3620.7	5974.2	7670.3
3113 Canning, preserving of fruits & vegetables		107	101	98	102		5149	4589	5734	6361.2		3183.2	3842.5	5602.1	8416.9
3114 Canning, preserving and processing of fish		27	27	32	32		1988	2765	3464	1992.5		1224.8	1992.5	3016.3	3016.7
3115 Vegetable and animal oils and fats		8	1192	12	8		1126	1192	1313	1667		1207.2	1696.4	3200.2	3005.0
3116 Grain mill products		159	149	141	147		6298	5850	5187	5581.1		5577.5	6615.6	9531.4	9531.4
3117 Bakery products		565	598	542	587		6934	7387	7889	7247		4491.7	5900.3	8556.6	7945.4
3118 Sugar factories and refineries		20	22	17	17		3037	3220	3476	3945		3275.0	3084.4	4010.1	5069.9
3119 Cocoa, chocolate and sugar confectionery		29	31	31	35		1057.7	1139	997	1152		1057.7	1158.8	1018.2	1579.5
3121 Other food products		185	190	173	188		2735	3335	3094	3317		2603.5	4880.9	4636.6	5847.9
3122 Prepared animal feeds		38	38	40	39		520	523	737	518		384.0	482.3	754.2	633.6
313 Beverages		49	52	45	46		4739	4155	3992	4486		5721.1	4753.0	7470.3	9909.9
3131 Distilling, rectifying and blending spirits		472	5	6	7		439.8	317	309	309		439.8	450.2	542.9	635.0
3132 Wine industries		1	2	2	18		14	38	15	18		6.8	32.3	10.5	13.5
3133 Malt liquors and malt		4	3	3	2		1593	861	1698	1666		2397.8	1004.3	3454.3	4135.8
3134 Soft drinks and carbonated waters		39	42	34	35		2660	2942	1962	2493		2876.8	3266.2	3462.5	5125.7
314 Tobacco		6	12	12	11		522	605	576	772		969.8	1562.5	1395.8	2206.9
321 Textiles		149	150	134	157		4972	7771	7647	5950		7502.5	6108.6	7641.2	6946.7
3211 Spinning, weaving and finishing textiles		31	32	29	36		1763	1410	4170	1585		3761.1	1273.2	4160.6	2096.3
3212 Made-up textile goods excl. wearing apparel		48	43	43	51		507	847	770	845		1482.2	491.1	866.4	876.1
3213 Knitting mills		54	53	44	50		2454	2618	2122	2015		312.4	2124.8	2086.1	2303.1
3214 Carpets and rugs		6	6	5	7		49	40	22	24		1743.2	45.9	21.9	24.0
3215 Cordage, rope and twine		4	5	4	4		157	180	154	174		21.4	202.5	234.0	284.1
3219 Other textiles		6	11	9	9		42	2876	409	1307		182.3	1971.0	473.3	1363.1
322 Wearing apparel, except footwear		513	481	434	455		35088	32944	34377	30858		22116.2	25413.3	31919.2	32318.7
323 Leather and fur products		70	79	70	80		1782	2088	1625	2131		1108.7	1745.1	1588.9	2385.0
3231 Tanneries and leather finishing		10	10	12	13		712	693	768	837		639.1	766.6	954.6	1065.8
3232 Fur dressing and dyeing industries		4	4	4	4		4	42	25.9	14		4.0	1.0	1.0	9.1
3233 Leather prods. excl. wearing apparel		56	65	56	65		1061	1353	863	1280		465.7	952.6	633.3	1310.0
324 Footwear, except rubber or plastic		88	86	81	90		1851	1501	1283	1326		1181.8	1139.5	1086.9	1430.4
331 Wood products, except furniture		333	336	336	402		4526	4579	4862	5268		2691.0	3118.4	4061.0	5084.1
3311 Sawmills, planing and other wood mills		242	247	253	311		3680	3913	4107	4447		2197.1	2717.1	3453.2	4301.2
3312 Wooden and cane containers		6	5	3	6		32	40	25	61		15.6	35.8	18.1	62.4
3319 Other wood and cork products		85	84	80	85		814	626	730	760		478.3	365.5	589.7	700.6
332 Furniture and fixtures, excl. metal		481	477	435	500		2512	2664	2638	2992		1289.8	1538.8	1954.7	2472.6
341 Paper and products		59	59	54	61		3410	3882	3006	3374		4030.6	5719.0	5417.9	7309.8
3411 Pulp, paper and paperboard articles		8	7	8	7		77	75	208	58		50.5	65.8	218.5	72.9
3412 Containers of paper and paperboard		25	26	24	30		2282	2630	2005	2536		2708.0	4069.1	3549.5	5299.6
3419 Other pulp, paper and paperboard articles		26	26	22	24		1051	1177	793	780		1272.1	1584.1	1649.8	1937.3
342 Printing and publishing		398	417	410	432		4927	4843	4782	5108		4916.9	5159.1	6647.4	7617.3
351 Industrial chemicals		50	58	58	70		1541	2132	1998	2063		1696.9	3349.5	3156.1	3665.8
3511 Basic chemicals excl. fertilizers		14	15	15	19		260	266	220	295		282.6	337.1	350.5	482.7
3512 Fertilizers and pesticides		17	19	22	23		1053	1103	1490	1391		1164.4	1625.8	2369.0	2539.1
3513 Synthetic resins and plastic materials		19	24	21	28		228	763	288	377		249.9	1386.6	436.6	644.0
352 Other chemicals		177	186	161	172		4710	5291	4959	4944		5272.2	7999.9	7981.5	10289.7
3521 Paints, varnishes and lacquers		34	33	29	30		669	824	862	958		609.2	1467.8	2366.8	3366.8
3522 Drugs and medicines		47	43	41	41		1550	1659	1811	1886		2163.7	3074.1	3357.8	4395.9
3523 Soap, cleaning preps., perfumes, cosmetics		47	49	37	41		1450	1687	1207	1114		1427.8	2128.3	1494.9	1591.4
3529 Other chemical products		49	61	54	60		1041	1121	1079	986		1071.5	1506.1	1650.9	1985.6
353 Petroleum refineries		1	1	1	1		1379	497	537	2049		3338.1	660.4	1499.7	6577.6

	3	5	5	5	6	11	24	27	36	6.9	13.0	19.3	30.2
354 Misc. petroleum and coal products													
355 Rubber products	61	61	60	60	68	2784	2840	3141	3980	2737.1	3433.4	4594.4	6346.4
3551 Tyres and tubes	30	35	35	35	41	1257	1331	1422	1528	1346.1	1880.9	2335.6	3031.3
3559 Other rubber products	31	26	25	27	27	1527	1509	1719	2452	1391.0	1552.5	2258.9	3315.2
356 Plastic products	104	105	99	111	111	6046	5935	5680	6341	5239.8	6631.5	7239.6	8835.9
361 Pottery, china, earthenware	41	38	33	40	40	729	800	790	896	457.0	733.9	839.6	1138.6
362 Glass and products	41	42	34	38	38	884	866	733	867	554.2	785.8	843.6	1308.2
369 Other non-metallic mineral products	193	184	176	185	185	3391	3256	3385	4216	3591.7	3652.3	4996.9	7100.3
3691 Structural clay products	33	31	31	37	37	295	296	269	270	176.7	205.4	231.1	284.1
3692 Cement, lime and plaster	47	50	43	46	46	795	683	942	1193	955.3	1031.2	1601.1	2361.5
3699 Other non-metallic mineral products	113	103	102	103	103	2341	2277	2174	2753	2459.7	2415.7	3164.7	4474.7
371 Iron and steel	35	41	38	39	39	730	664	878	952	640.0	669.9	1177.7	1466.3
372 Non-ferrous metals	9	9	9	13	13	345	363	426	483	298.4	447.1	604.9	753.7
381 Fabricated metal products	392	415	393	461	461	4793	5500	5095	5507	3573.3	4976.6	5242.0	6405.0
3811 Cutlery, hand tools and general hardware	17	27	30	40	40	374	471	463	409	259.1	365.5	437.1	389.1
3812 Furniture and fixtures primarily of metal	62	65	61	74	74	854	999	963	973	494.5	745.0	834.2	907.0
3813 Structural metal products	209	219	196	234	234	1374	1886	1491	1794	936.5	1498.2	1276.4	1891.0
3819 Other fabricated metal products	104	104	106	113	113	2191	2144	2178	2331	1883.2	2367.8	2694.3	3217.9
382 Non-electrical machinery	192	242	229	250	250	2765	3156	5632	6027	2226.3	3231.5	9374.3	12225.5
3821 Engines and turbines	16	31	29	32	32	115	289	241	249	69.0	207.6	212.2	247.3
3822 Agricultural machinery and equipment	26	32	29	31	31	522	589	543	533	378.2	573.5	602.8	736.1
3823 Metal and wood working machinery	15	23	23	27	27	85	146	79	101	47.2	109.6	59.3	73.0
3824 Other special industrial machinery	55	57	49	55	55	487	377	344	409	392.7	281.0	321.7	456.1
3825 Office, computing and accounting machinery	21	26	31	37	37	196	321	2829	3286	98.7	641.7	6385.8	8605.2
3829 Other non-electrical machinery & equipment	59	73	68	68	68	1360	1434	1596	1449	1240.5	1418.1	1792.4	2107.9
383 Electrical machinery	116	146	138	158	158	9288	9632	8172	7334	7701.8	9950.2	10868.1	11225.6
3831 Electrical industrial machinery	34	46	42	44	44	2724	2804	1640	1602	2161.2	3383.8	2358.6	2845.1
3832 Radio, television and communication equipa.	29	32	31	37	37	1855	1777	1796	847	1602.6	1958.3	2633.6	1432.5
3833 Electrical appliances and housewares	9	12	10	11	11	2180	2430	2417	2532	1557.9	1662.7	2463.8	3077.5
3839 Other electrical apparatus and supplies	44	56	55	66	66	2529	2621	2319	2353	2380.0	2955.4	3412.0	3870.4
384 Transport equipment	240	291	279	333	333	2291	3054	2771	2764	2220.6	3482.3	2977.1	4931.0
3841 Shipbuilding and repairing	18	22	20	18	18	224	229	232	212	152.4	208.2	244.4	293.9
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles	194	241	233	285	285	1086	1183	2213	1516	659.8	766.0	2483.1	1429.5
3844 Motorcycles and bicycles	16	18	18	21	21	134	80	80	95	88.6	49.2	144.7	72.4
3845 Aircraft	5	3	2	4	4	724	1439	16	845	1256.0	2375.3	11.4	3053.6
3849 Other transport equipment	7	7	6	5	5	123	123	130	96	63.8	83.7	93.5	81.7
385 Professional and scientific equipment	48	69	66	79	79	559	756	722	1856	467.8	770.2	653.2	2636.5
3851 Prof. and scientific equipment n.e.c.	15	19	17	19	19	81	219	56	1364	163.4	296.9	47.8	2034.1
3852 Photographic and optical goods	32	49	49	60	60	317	418	666	492	204.5	386.2	605.4	602.4
3853 Watches and clocks	1	1	-	-	-	171	119	-	-	99.9	87.2	-	-
390 Other manufacturing industries	120	130	123	126	126	3156	3114	2728	3389	1826.0	2668.6	2472.0	3964.8
3901 Jewellery and related articles	40	43	43	41	41	548	479	515	379	349.4	379.5	532.7	828.0
3902 Musical instruments	3	3	3	3	3	11	9	11	11	3.0	3.7	6.4	8.9
3903 Sporting and athletic goods	16	12	10	11	11	1419	1022	1042	1154	568.5	643.1	710.2	898.1
3909 Manufacturing industries, n.e.c.	61	72	67	71	71	1178	1604	1159	1445	905.2	1642.3	1222.7	2229.8
3 Total manufacturing	5242	5503	5148	5729	5729	148825	152525	155654	160485	126034.9	147780.8	183563.1	227389.0

	37	33	40	87	14	12	16	35
354 Misc. petroleum and coal products								
355 Rubber products	26803	31375	37933	34205	11638	13384	16278	14112
3551 Tyres and tubes	16594	19082	24311	29053	6606	7453	8841	11734
3559 Other rubber products	10209	12293	13622	5153	5032	5932	6437	2377
356 Plastic products	60287	70034	79616	94248	17686	20141	23036	27406
361 Pottery, china, earthenware	3149	4740	5949	4970	1249	2019	2857	2260
362 Glass and products	6976	8585	9496	11835	3056	3848	4475	5566
369 Other non-metallic mineral products	26061	33340	38351	47353	10028	11927	14504	19236
3691 Structural clay products	710	723	846	1050	269	271	329	399
3692 Cement, lime and plaster	13160	17155	19880	26308	4850	5636	7155	10804
3699 Other non-metallic mineral products	12191	15461	17625	19994	4909	6020	7020	8034
371 Iron and steel	14668	16682	19687	21875	2361	2625	3114	3432
372 Non-ferrous metals	5963	6790	4237	-	2517	2805	1812	-
381 Fabricated metal products	35273	42895	47337	52097	11948	14490	16252	18013
3811 Cutlery, hand tools and general hardware	835	1141	1128	1131	411	572	580	584
3812 Furniture and fixtures primarily of metal	3344	3972	5424	6453	1282	1565	2194	2713
3813 Structural metal products	4315	5358	4245	5333	1522	1818	1932	1932
3819 Other fabricated metal products	26779	32423	36540	39179	8734	10534	11998	12785
382 Non-electrical machinery	12809	17471	20120	21293	5634	7705	8897	9657
3821 Engines and turbines	188	224	215	1012	108	133	130	620
3822 Agricultural machinery and equipment	1624	2138	2565	2709	901	1199	1475	1551
3823 Metal and wood working machinery	245	345	614	1026	77	110	440	735
3824 Other special industrial machinery	374	484	614	1026	257	343	440	735
3825 Office, computing and accounting machinery	204	342	342	101	101	182	-	-
3829 Other non-electrical machinery & equipment	10419	14282	16726	16546	4267	5648	6852	6751
383 Electrical machinery	43245	53965	60165	59159	14924	19150	21587	22153
3831 Electrical industrial machinery	4538	6060	6975	10320	2984	3978	4650	7021
3832 Radio, television and communication equipm.	8645	11654	15733	9310	3353	4533	6160	3673
3833 Electrical appliances and housewares	55	70	93	114	16	23	31	38
3839 Other electrical apparatus and supplies	30007	36182	37364	39416	8571	10616	10746	11420
384 Transport equipment	6657	7889	4713	5210	2838	3318	2596	2817
3841 Shipbuilding and repairing	486	693	838	1103	224	301	380	483
3842 Railroad equipment	-	-	-	-	-	-	-	-
3843 Motor vehicles	2048	2307	3479	3657	1048	1257	2093	2191
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-
3845 Aircraft	3880	4493	397	449	1495	1645	122	142
3849 Other transport equipment	243	396	397	449	71	115	122	142
385 Professional and scientific equipment	5445	1648	1355	1526	2517	956	700	792
3851 Prof. and scientific equipment n.e.c.	877	1048	1355	1526	451	541	700	792
3852 Photographic and optical goods	4568	600	-	-	2087	415	-	-
3853 Watches and clocks	-	-	-	-	-	-	-	-
390 Other manufacturing industries	14525	16696	12184	15004	5163	5851	4481	5396
3901 Jewellery and related articles	2635	2863	2	1535	1075	1109	1	609
3902 Musical instruments	3607	4161	614	400	955	1111	171	107
3903 Sporting and athletic goods	8283	9672	11568	13070	3133	3630	4309	4680
3909 Manufacturing industries, n.e.c.	-	-	-	-	-	-	-	-
3 Total manufacturing	1103767	1333254	1480723	1638131	377485	451667	513551	568185

Costa Rica

ISIC Revision 2		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
ISIC Industry	Note	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
311/2 Food products		96	97	100	109	120	129	126	140	141	152	161	165	
313 Beverages		88	92	100	111	116	131	142	144	154	164	180	189	
314 Tobacco		108	99	100	104	105	120	123	118	121	123	118	131	
321 Textiles		100	100	100	86	86	90	94	83	76	72	78	71	
322 Wearing apparel, except footwear		83	93	100	105	137	139	132	136	121	115	120	111	
323 Leather and fur products		98	113	100	86	91	94	104	107	109	121	113	97	
324 Footwear, except rubber or plastic		115	112	100	91	96	76	68	68	80	71	70	47	
331 Wood products, except furniture		95	77	100	92	95	101	120	114	123	143	155	150	
332 Furniture and fixtures, excl. metal		90	99	100	84	81	84	86	89	88	85	94	99	
341 Paper and products		86	95	100	105	107	106	118	124	131	146	151	152	
342 Printing and publishing		104	101	100	97	107	127	128	117	112	116	121	129	
351 Industrial chemicals		65	89	100	100	111	117	133	112	114	225	132	139	
352 Other chemicals		95	101	100	112	132	162	166	156	140	147	194	159	
353 Petroleum refineries		153	156	100	74	105	117	110	148	127	118	12	2	
354 Misc. petroleum and coal products		..	..	..	..	..	..	..	..	..	..	..	..
355 Rubber products		97	100	100	89	98	105	107	104	116	124	130	101	
356 Plastic products		97	102	100	104	114	132	145	148	152	159	163	175	
361 Pottery, china, earthenware		..	..	..	..	..	..	..	..	..	..	..	..
362 Glass and products		..	..	..	..	..	..	..	..	..	..	..	..
369 Other non-metallic mineral products		100	100	100	100	110	118	126	127	127	150	154	158	
371 Iron and steel		..	..	..	..	..	..	..	..	..	..	..	..
372 Non-ferrous metals		..	..	..	..	..	..	..	..	..	..	..	..
381 Fabricated metal products		89	99	100	94	102	109	113	117	109	119	122	123	
382 Non-electrical machinery		110	100	100	101	142	166	189	183	192	233	254	254	
383 Electrical machinery		105	95	100	103	128	132	162	162	162	174	178	167	
384 Transport equipment		94	83	100	76	95	84	95	94	116	120	43	45	
385 Professional and scientific equipment		..	..	..	..	..	..	..	..	..	..	..	..
390 Other manufacturing industries		88	107	100	86	97	98	110	107	101	106	74	83	
3 Total manufacturing		96	98	100	103	114	124	129	133	134	146	144	147	

CROATIA

<p>Supplier of information: Central Bureau of Statistics (CBS) of the Republic of Croatia, Zagreb.</p> <p>Basic source of data: 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>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Data refer to industrial activities of the legal entities.</p> <p>Method of enumeration: Questionnaires are distributed by mail.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <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. <u>Figures for 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 <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>Related national publications:</p>
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Croatia

ISIC Industry	Number of establishments			Number of employees			Wages and salaries paid a/ to employees (thousand KUNAS)				
	(numbers)			(numbers)			1996	1997	1998	1999	Note
	1996	1997	1998	1996	1997	1998	1996	1997	1998	1999	
151 Processed meat, fish, fruit, vegetables, fats	605	634	562	15521	14356	14163	1449766b/	1543405b/	1601716b/		
1511 Processing/preserving of meat	397	408	355	7134	6724	6590					
1512 Processing/preserving of fish	47	49	43	1480	1357	1231					
1513 Processing/preserving of fruit & vegetables	117	131	126	5648	5059	5124					
1514 Vegetable and animal oils and fats	44	46	38	1259	1206	1218					
1520 Dairy products	106	113	105	3811	4319	4484					
153 Grain mill products; starches; animal feeds	233	240	168	5297	5196	4972					
1531 Grain mill products	139	141	96	3837	3802	3469					
1532 Starches and starch products	1	1	1								
1533 Prepared animal feeds	93	98	71	1460	1394	1503					
154 Bakery products	780	834	745	13769	13367	12793					
1541 Bakery products	480	522	450	7069	6763	6822					
1542 Sugar	13	13	10	1386	1331	1101					
1543 Cocoa, chocolate and sugar confectionery	23	27	18	3918	3734	3328					
1544 Macaroni, noodles & similar products	87	81	80	167	184	159					
1549 Other food products n.e.c.	177	191	187	1229	1355	1383					
155 Beverages	354	362	331	7820	7733	7437					
1551 Distilling, rectifying & blending of spirits	47	50	46	1308	1341	1119					
1552 Wines	130	135	117	2277	2071	2179					
1553 Malt liquors and malt	44	47	43	2117	2147	2171					
1554 Soft drinks; mineral waters	133	130	125	2118	2174	1968					
1600 Tobacco products	15	15	11	2050	1805	1613	86371	80640	73030		
171 Spinning, weaving and finishing of textiles	132	134	111	8103	7325	6707					
1711 Textile fibre preparation; textile weaving	106	105	84	8065	7301	6663					
1712 Finishing of textiles	26	29	27	38	24	44					
172 Other textiles	297	301	281	2969	2917	2837					
1721 Made-up textile articles, except apparel	180	189	184	1417	1592	1638					
1722 Carpets and rugs	10	10	8	21	22	31					
1723 Cordage, rope, twine and netting	12	13	13	269	265	265					
1729 Other textiles n.e.c.	96	89	76	1262	938	903					
1730 Knitted and crocheted fabrics and articles	218	215	389	3227	2665	2412					
1810 Wearing apparel, except fur apparel	1271	1281	1200	32566	32042	30768	657559d/	675360d/	676491d/		
1820 Dressing & dyeing of fur; processing of fur	5	6	5	166	118	122					
191 Tanning, dressing and processing of leather	191	191	189	2508	2261	1655					
1911 Tanning and dressing of leather	36	38	38	1577	1378	1255					
1912 Luggage, handbags, etc.; saddlery & harness	155	153	151	931	883	400					
1920 Footwear	238	252	238	10956	10563	9148					
2010 Sawmilling and planing of wood	673	687	648	6336	5683	5685					
202 Products of wood, cork, straw, etc.	867	887	863	7492	7429	7253					
2021 Veneer sheets, plywood, particle board, etc.	27	27	28	1484	1407	1389					
2022 Builders' carpentry and joinery	457	481	470	4025	4172	4102					
2023 Wooden containers	104	100	98	536	488	361					
2029 Other wood products; articles of cork/straw	279	279	267	1447	1362	1401					
210 Paper and paper products	276	284	273	5604	6137	5811					
2101 Pulp, paper and paperboard	19	22	22	1504	1975	1915					
2102 Corrugated paper and paperboard	165	163	151	3368	3434	3274					
2109 Other articles of paper and paperboard	92	99	100	732	728	622					
221 Publishing	1163	1220	1185	5184	5498	5255					
2211 Publishing of books and other publications	559	591	568	1263	1461	1322					
2212 Publishing of newspapers, journals, etc.	446	461	443	3312	3344	3316					
2213 Publishing of recorded media	95	96	98	297	299	244					
2219 Other publishing	63	69	76	312	369	373					

222 Printing and related service activities	1587	7153	7326	6856	...	...	...	...	...	...	...	...
2221 Printing	1035	6927	7061	6595	...	...	...	...	...	...	...	...
2222 Service activities related to printing	552	226	265	261	...	...	...	...	...	...	...	...
2230 Reproduction of recorded media	40	27	27	28	...	...	...	...	...	...	...	...
2310 Coke oven products	...	4955	4413	4453	...	...	...	...	...	...	...	...
2320 Refined petroleum products	...	...	...	...	...	...	...	...	...	...	...	...
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
241 Basic chemicals	71	7093	6272	5981	...	...	...	...	...	...	...	...
2411 Basic chemicals, except fertilizers	51	1372	1294	1234	...	...	...	...	...	...	...	...
2412 Fertilizers and nitrogen compounds	3	3494	3244	3149	...	...	...	...	...	...	...	...
2413 Plastics in primary forms; synthetic rubber	17	2227	1734	1598	...	...	...	...	...	...	...	...
242 Other chemicals	413	427	10630	10506	...	...	...	...	...	...	...	...
2421 Pesticides and other agro-chemical products	8	614	520	490	...	...	...	...	...	...	...	...
2422 Paints, varnishes, printing ink and mastics	70	1531	1511	1362	...	...	...	...	...	...	...	...
2423 Pharmaceuticals, medicinal chemicals, etc.	33	6254	5136	5422	...	...	...	...	...	...	...	...
2424 Soap, cleaning & cosmetic preparations	182	1722	1809	1770	...	...	...	...	...	...	...	...
2429 Other chemical products n.e.c.	120	1467	1654	1462	...	...	...	...	...	...	...	...
2430 Man-made fibres	2	14	5	8	...	...	...	...	...	...	...	...
251 Rubber products	132	1105	1218	1136	...	...	...	...	...	...	...	...
2511 Rubber tyres and tubes	33	122	135	131	...	...	...	...	...	...	...	...
2519 Other rubber products	99	983	1083	1005	...	...	...	...	...	...	...	...
2520 Plastic products	850	7410	7337	7001	...	...	...	...	...	...	...	...
2610 Glass and glass products	75	2462	2306	2020	...	...	...	...	...	...	...	...
269 Non-metallic mineral products n.e.c.	674	13873	12902	12417	...	...	...	...	...	...	...	...
2691 Pottery, china and earthenware	106	1373	1223	1052	...	...	...	...	...	...	...	...
2692 Refractory ceramic products	9	71	66	79	...	...	...	...	...	...	...	...
2693 Struct.-non-refractory clay; ceramic products	107	4851	4308	4315	...	...	...	...	...	...	...	...
2694 Cement, lime and plaster	28	2921	2492	2275	...	...	...	...	...	...	...	...
2695 Articles of concrete, cement and plaster	249	2759	2806	2722	...	...	...	...	...	...	...	...
2696 Cutting, shaping & finishing of stone	151	1009	1143	1236	...	...	...	...	...	...	...	...
2699 Other non-metallic mineral products n.e.c.	24	889	864	738	...	...	...	...	...	...	...	...
2710 Basic iron and steel	38	4149	3630	3334	...	...	...	...	...	...	...	...
2720 Basic precious and non-ferrous metals	66	1764	1593	1460	...	...	...	...	...	...	...	...
273 Casting of castals	95	4127	4280	3974	...	...	...	...	...	...	...	...
2731 Casting of iron and steel	52	3072	3183	2930	...	...	...	...	...	...	...	...
2732 Casting of non-ferrous metals	43	1055	1097	1044	...	...	...	...	...	...	...	...
281 Struct. metal products; tanks; steam generators	757	6840	6857	6927	...	...	...	...	...	...	...	...
2811 Structural metal products	672	5319	5443	5558	...	...	...	...	...	...	...	...
2812 Tanks, reservoirs and containers of metal	39	345	293	339	...	...	...	...	...	...	...	...
2813 Steam generators	46	1121	1030	1030	...	...	...	...	...	...	...	...
289 Other metal products; metal working services	1973	11909	10576	10241	...	...	...	...	...	...	...	...
2891 Metal forging/pressing/stamping/roll-forming	160	438	476	476	...	...	...	...	...	...	...	...
2892 Treatment & coating of metals	439	2989	2315	2454	...	...	...	...	...	...	...	...
2893 Cutlery, hand tools and general hardware	307	2950	2661	2504	...	...	...	...	...	...	...	...
2899 Other fabricated metal products n.e.c.	1067	5532	5179	4807	...	...	...	...	...	...	...	...
291 General purpose machinery	373	7997	6451	6232	...	...	...	...	...	...	...	...
2911 Engines & turbines(not for transport equip.)	39	2803	2586	2515	...	...	...	...	...	...	...	...
2912 Pumps, compressors, taps and valves	83	1041	1020	1041	...	...	...	...	...	...	...	...
2913 Bearings, gears, gearing & driving elements	25	420	370	359	...	...	...	...	...	...	...	...
2914 Ovens, furnaces and furnace burners	15	15	22	25	...	...	...	...	...	...	...	...
2915 Lifting and handling equipment	45	953	902	899	...	...	...	...	...	...	...	...
2919 Other general purpose machinery	166	1886	1430	1414	...	...	...	...	...	...	...	...
292 Special purpose machinery	337	6266	6921	7257	...	...	...	...	...	...	...	...
2921 Agricultural and forestry machinery	72	1471	1522	1388	...	...	...	...	...	...	...	...
2922 Machine tools	118	2321	2068	2008	...	...	...	...	...	...	...	...
2923 Machinery for metallurgy	3	36	122	122	...	...	...	...	...	...	...	...
2924 Machinery for mining & construction	18	14	277	378	...	...	...	...	...	...	...	...
2925 Food/beverage/tobacco processing machinery	33	915	976	927	...	...	...	...	...	...	...	...
2926 Machinery for textile, apparel and leather	23	669	553	505	...	...	...	...	...	...	...	...
2927 Weapons and ammunition	12	183	458	231	...	...	...	...	...	...	...	...
2929 Other special purpose machinery	58	657	944	1698
2930 Domestic appliances n.e.c.	78	1593	1313	1117

continued

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ISIC Industry	Number of establishments			Number of employees			Wages and salaries paid a/ to employees (thousand KUNAS)		
	(numbers)			(numbers)			(thousand KUNAS)		
	1996	1997	1998	1999	1996	1997	1998	1999	
ISIC Industry	Note			Note			Note		
3000 Office, accounting and computing machinery	...	625	616	599	...	1748	2096	1487	
3110 Electric motors, generators and transformers	...	252	246	227	...	3710	3355	2943	
3120 Electricity distribution & control apparatus	...	228	222	217	...	4195	4095	3978	
3130 Insulated wire and cable	...	15	16	13	...	1072	946	1004	
3140 Accumulators, primary cells and batteries	...	25	27	25	...	594	562	529	
3150 Lighting equipment and electric lamps	...	60	65	63	...	1171	1101	962	
3190 Other electrical equipment n.e.c.	...	229	228	224	...	2274	2143	1958	
3210 Electronic valves, tubes, etc.	...	190	184	172	...	324	305	1565	
3220 TV/radio transmitters; line comm. apparatus	...	135	135	125	...	3224	2775	2484	
3230 TV and radio receivers and associated goods	...	65	68	68	...	194	206	198	
331 Medical, measuring, testing appliances, etc.	...	332	339	328	...	1526	1202	1108	
3311 Building and repairing of ships and boats	...	117	122	125	...	588	515	457	
3312 Measuring/testing/navigating appliances, etc.	...	163	157	140	...	848	526	454	
3313 Industrial process control equipment	...	52	60	63	...	90	161	197	
3320 Optical instruments & photographic equipment	...	126	132	89	...	550	514	503	
3330 Watches and clocks	...	16	15	10	...	31	29	33	
3410 Motor vehicles	...	16	17	16	...	787	862	845	
3420 Automobile bodies, trailers & semi-trailers	...	13	15	15	...	68	27	31	
3430 Parts/accessories for automobiles	...	101	103	98	...	2046	2170	2168	
351 Building and repairing of ships and boats	...	310	325	333	...	13137	12368	13102	
3511 Building and repairing of ships	...	215	231	238	...	13038	12242	12914	
3512 Building/repairing of pleasure/sport. boats	...	95	94	95	...	99	126	188	
3520 Railway/tramway locomotives & rolling stock	...	16	16	12	...	4010	3937	3568	
3530 Aircraft and spacecraft	...	3	3	3	...	207	147	163	
3539 Transport equipment n.e.c.	...	26	27	27	...	47	58	64	
3591 Motorcycles	...	3	3	3	...	2	3	6	
3592 Bicycles and invalid carriages	...	23	23	23	...	45	65	58	
3599 Other transport equipment n.e.c.	...	-	1	1	...	-	-	-	
3610 Furniture	...	582	606	599	...	12893	12344	13011	
369 Manufacturing n.e.c.	...	440	446	431	...	1628	1465	1301	
3691 Jewellery and related articles	...	56	59	63	...	297	278	246	
3692 Musical instruments	...	17	17	14	...	40	31	18	
3693 Sports goods	...	25	26	22	...	11	16	16	
3694 Games and toys	...	51	53	58	...	171	162	177	
3699 Other manufacturing n.e.c.	...	291	291	274	...	1109	978	844	
3710 Recycling of metal waste and scrap	...	193	195	157	...	767	728	762	
3720 Recycling of non-metal waste and scrap	...	59	63	35	...	405	407	375	
D Total manufacturing	...	19050	19516	18683	...	290522	278323	267533	

a/ Monthly average per employee.
b/ 151 includes 1520, 153, 154 and 155.
c/ 171 includes 172 and 1730.
d/ 1810 includes 1820.
e/ 191 includes 1920.
f/ 2010 includes 202.
g/ 221 includes 222 and 2230.
h/ 2310 includes 2320 and 2330.
i/ 241 includes 242 and 2430.
j/ 251 includes 2520.
k/ 2610 includes 269.
l/ 2710 includes 2720 and 273.
m/ 281 includes 289.
n/ 291 includes 292 and 2930.
o/ 3110 includes 3120, 3130, 3140, 3150 and 3190.
p/ 3210 includes 3220 and 3230.

s/ 331 includes 3320 and 3330.
t/ 3410 includes 3420 and 3430.
u/ 351 includes 3520, 3530 and 359.
v/ 3610 includes 369.
w/ 3710 includes 3720.

ISIC Revision 3	Output (thousand KUNAS)				Value added (thousand KUNAS)				Gross fixed capital formation (thousand KUNAS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1999	1998	1997	1996		1999	1998	1997	1996	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
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
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
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
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
2101 Pulp, paper and paperboard
2102 Corrugated paper and paperboard
2109 Other articles of paper and paperboard
221 Publishing of books and other publications
2212 Publishing of newspapers, journals, etc.
2213 Publishing of recorded media
2219 Other publishing

continued

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ISIC Industry	Output (thousand KUNAS)				Note	Value added (thousand KUNAS)				Note	Gross fixed capital formation (thousand KUNAS)	
	1996	1997	1998	1999		1996	1997	1998	1999		1998	1999
	ISIC Revision 3											
222 Printing and related service activities		246375	84733
2251 Printing
2222 Service activities related to printing		83	139
2230 Reproduction of recorded media
2310 Coke oven products		811492	618712
2320 Refined petroleum products
2330 Processing of nuclear fuel
241 Basic chemicals		116671	105230
2411 Basic chemicals, except fertilizers
2412 Fertilizers and nitrogen compounds
2413 Plastics in primary forms; synthetic rubber
242 Other chemicals		708430	607585
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		25329	113368
2511 Rubber tyres and tubes		9	...
2519 Other rubber products		25135	11300
2520 Plastic products		197590	148442
2610 Glass and glass products
269 Non-metallic mineral products n.e.c.		44201	92128
2691 Pottery, china and earthenware		460712	475868
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		7857	4390
2720 Basic precious and non-ferrous metals		2605	45565
273 Casting of metals		34971	39287
2731 Casting of iron and steel
2732 Casting of non-ferrous metals
281 Struct metal products; tanks; steam generators		30068	60037
2811 Structural metal products
2812 Tanks, reservoirs and containers of metal
2813 Steam generators
289 Other metal products; metal working services		56950	158502
2891 Metal forging/pressing/stamping/roll-forming		4720	6673
2892 Treatment & coating of metals
2893 Cutlery, hand tools and general hardware
2899 Other fabricated metal products n.e.c.
291 General purpose machinery		28220	32995
2911 Engines & turbines(not for transport equip.)		6974	13720
2912 Pumps, compressors, taps and valves
2913 Bearings, gears, gearing & driving elements		1352	1641
2914 Ovens, furnaces and furnace burners
2915 Lifting and handling equipment
2919 Other general purpose machinery		14047	10771

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ISIC Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
15	Food and beverages	...	104	100	79	70	62	65	67	69	64	67	62		
16	Tobacco products	...	117	100	91	99	84	84	78	88	80	79	88		
17	Textiles	...	125	100	66	59	56	52	48	39	44	46	41		
18	Wearing apparel, fur	...	103	100	80	69	73	69	64	58	58	57	52		
19	Leather, leather products and footwear	...	117	100	49	41	44	42	33	29	27	25	23		
20	Wood products (excl. furniture)	...	120	100	65	67	69	62	58	62	71	71	61		
21	Paper and paper products	...	115	100	66	57	59	59	58	53	58	59	71		
22	Printing and publishing	...	104	100	76	62	57	61	61	62	94	106	101		
23	Coke, refined petroleum products, nuclear fuel	...	102	100	70	59	66	65	75	72	61	60	64		
24	Chemicals and chemical products	...	111	100	75	69	63	65	66	64	64	60	80		
25	Rubber and plastics products	...	116	100	62	46	44	46	45	42	48	52	51		
26	Non-metallic mineral products	...	112	100	77	60	58	62	62	74	66	75	74		
27	Basic metals	...	114	100	66	41	42	42	35	32	40	46	40		
28	Fabricated metal products	...	123	100	69	46	40	37	35	35	41	46	46		
29	Machinery and equipment n.e.c.	...	117	100	58	36	31	26	30	29	36	37	32		
30	Office, accounting and computing machinery	...	124	100	72	34	17	12	13	12	11	8	5		
31	Electrical machinery and apparatus	...	140	100	71	59	52	53	55	56	57	66	68		
32	Radio, television and communication equipment	...	93	100	73	73	76	62	67	76	80	58	59		
33	Medical, precision and optical instruments	...	135	100	59	51	44	42	34	24	25	29	27		
34	Motor vehicles, trailers, semi-trailers	...	244	100	49	28	45	60	30	23	44	37	35		
35	Other transport equipment	...	114	100	70	59	47	41	41	50	54	65	73		
36	Furniture; manufacturing n.e.c.	...	119	100	70	57	58	54	51	49	67	63	65		
37	Recycling	...	110	100	64	62	45	41	41	43	50	42	45		
D	Total manufacturing	114	114	100	70	59	55	53	53	54	56	58	56		

ISIC Revision 3

Note

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<p>Supplier of information: Department of Statistics and Research, Ministry of Finance, Nicosia.</p> <p>Basic source of data: Annual survey of industrial production.</p> <p>Major deviations from ISIC (Revision 2): Data exclude cottage industry (embroidery, weaving and cane products).</p> <p>Reference period (if not calendar year):</p> <p>Scope: All establishments in the Government controlled areas, with adjustments on the basis of the results of the 1992 census.</p> <p>Method of enumeration: 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>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <u>Output</u> is gross output. It does not include VAT. <u>Value added</u> is total value added.</p> <p>Related national publications: 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	Number of establishments (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (thousand POUNDS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
311/2 Food products		1063	1062	1065	1069		7346	7390	7597	7631		44629	44509	47903	51119
3111 Slaughtering, preparing & preserving meat		77	79	81	81		701	736	712	785		5461	5678	5461	6607
3112 Dairy products		114	114	114	114		1192	1204	1246	1192		7973	8663	9109	9348
3113 Canning, preserving of fruits & vegetables		41	37	34	30		691	599	536	454		4468	3384	3526	3237
3114 Canning, preserving and processing of fish		30	30	30	30		142	157	163	156		1107	1209	1287	1359
3115 Vegetable and animal oils and fats		20	20	20	20		179	184	187	184		1564	1512	1592	1783
3116 Grain mill products		622	624	630	634		3130	3252	3474	3540		15732	15818	17651	19064
3117 Bakery products		45	45	46	45		218	212	220	210		1195	1045	1083	1208
3118 Sugar factories and refineries		50	50	49	50		4617	710	695	719		4617	4937	5154	5727
3119 Cocoa, chocolate and sugar confectionery		64	63	64	65		382	336	364	381		2512	2263	2417	2786
3121 Other food products		65	66	63	65		1854	1966	1694	1809		16894	17698	16490	17939
3122 Prepared animal feeds		48	48	48	46	a/	1322	1340	1134	1152	a/	12096	12096	11206	11567
313 Beverages	a/	17	18	17	19	a/	532	626	560	657	a/	4623	5602	5284	6372
3131 Distilling, rectifying and blending spirits		4	4	4	4		285	293	272	257		2915	3083	3145	3523
3132 Wine industries		255	246	230	215		2098	1852	1579	1428		9493	8877	8099	7190
3133 Malt liquors and malt		10	7	6	6		142	90	79	88		772	497	512	581
3134 Soft drinks and carbonated waters		148	143	137	127		685	604	532	536		3212	2970	2859	2787
314 Tobacco		97	96	87	82		1271	1188	968	804		5509	5410	4728	5822
321 Textiles		1061	1025	996	936		5444	4920	4438	3547		22158	20814	19486	15483
3211 Spinning, weaving and finishing textiles		79	81	79	75		301	329	306	216		1334	1537	1566	1254
3212 Made-up textile goods excl. wearing apparel		6	6	6	6		40	41	41	42		245	251	267	285
3213 Knitting mills		73	75	73	69		261	288	265	174		1089	1286	1299	969
3214 Carpets and rugs		135	133	120	99		984	963	873	641		5056	4830	4575	3890
3215 Cordage, rope and twine		1181	1172	1174	1177		2554	2526	2575	2699		14767	14831	15511	18917
3219 Other textiles		1055	1050	1052	1054	b/	2427	2427	2457	2548	b/	13950	14361	14949	16160
322 Wearing apparel, except footwear		126	122	122	123		127	99	118	151		817	470	562	757
323 Leather and fur products		720	710	695	680		1875	1697	1529	1466		10575	9529	9141	8621
3231 Tanneries and leather finishing		56	57	57	52		773	791	794	724		5099	5219	5508	5550
3232 Fur dressing and dyeing industries		15	15	15	14		253	239	249	239		1922	1704	1791	2042
3233 Leather prods. excl. wearing apparel		41	42	42	38		520	552	545	485		3177	3515	3717	3508
324 Footwear, except rubber or plastic		348	345	342	346		1868	1824	1736	1850		13824	14172	14022	15264
331 Wood products, except furniture		12	12	12	13		118	133	134	171		898	989	1108	1473
3311 Sawmills, planing and other wood mills	b/	1	1	1	1		28	33	39	41		218	257	340	343
3312 Wooden and cane containers	b/	11	11	11	12		90	100	95	130		680	732	768	1130
3319 Other wood and cork products		115	115	112	108		1581	1571	1551	1463		10237	10226	11409	11515
332 Furniture and fixtures, excl. metal		13	13	13	13		231	236	239	221		1812	1812	2027	1877
341 Paper and products		13	13	13	13		512	490	532	548		2909	2788	3416	4418
3411 Pulp, paper and paperboard articles		42	42	42	40		652	660	622	540		4464	4549	4197	4919
3412 Containers of paper and paperboard		47	47	45	43		186	185	158	154		1089	1077	1047	1023
3419 Other pulp, paper and paperboard articles		1	1	1	1		144	143	147	142		3246	3279	2989	3093
342 Printing and publishing		115	115	112	108		1581	1571	1551	1463		10237	10226	11409	11515
351 Industrial chemicals		13	13	13	13		231	236	239	221		1812	1812	2027	1877
3511 Basic chemicals excl. fertilizers		13	13	13	13		512	490	532	548		2909	2788	3416	4418
3512 Fertilizers and pesticides		42	42	42	40		652	660	622	540		4464	4549	4197	4919
3513 Synthetic resins and plastic materials		47	47	45	43		186	185	158	154		1089	1077	1047	1023
352 Other chemicals		1	1	1	1		144	143	147	142		3246	3279	2989	3093
3521 Paints, varnishes and lacquers		115	115	112	108		1581	1571	1551	1463		10237	10226	11409	11515
3522 Drugs and medicines		13	13	13	13		231	236	239	221		1812	1812	2027	1877
3523 Soap, cleaning preps., perfumes, cosmetics		42	42	42	40		652	660	622	540		4464	4549	4197	4919
3529 Other chemical products		47	47	45	43		186	185	158	154		1089	1077	1047	1023
353 Petroleum refineries		1	1	1	1		144	143	147	142		3246	3279	2989	3093

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ISIC Industry	Output in producers' prices (thousand POUNDS)					Value added in producers' prices (thousand POUNDS)					Gross fixed capital formation (thousand POUNDS)		
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1998	1999
ISIC Revision 2													
311/2 Food products		258338	271488	284854	292468		84668	90178	96257	99657		15142	15834
3111 Slaughtering, preparing & preserving meat		21175	22482	23200	25500		9290	9728	9635	11288		802	1788
3112 Bairy products		52939	57789	62713	65174		14013	16644	17472	18592		5287	5403
3113 Canning, preserving of fruits & vegetables		22892	21286	20694	19811		7528	6572	7600	7123		688	709
3114 Canning, preserving and processing of fish													
3115 Vegetable and animal oils and fats		19346	18309	18527	21595		3762	3914	5191	4979		469	438
3116 Grain mill products		13542	14588	15486	13977		3194	3194	3684	3148		291	507
3117 Bakery products		61436	68453	74309	78793		28596	31608	32376	34599		5868	5264
3118 Sugar factories and refineries													
3119 Cocoa, chocolate and sugar confectionery		9587	9579	10542	9434		2532	2332	2691	2955		295	229
3121 Other food products		23182	24568	24515	24010		8859	9471	9752	10349		896	1163
3122 Prepared animal feeds		34239	34454	34868	34174		6771	6715	6855	6624		546	333
313 Beverages		92782	100404	105463	112760		37448	42667	43356	45379		4918	6628
3131 Distilling, rectifying and blending spirits		55943	59459	62229	69314	a/	27293	29718	28878	28037	a/	1956	4427
3132 Wine industries						a/					a/		
3133 Malt liquors and malt						a/					a/		
3134 Soft drinks and carbonated waters		36839	40945	43234	43446		10155	12949	14478	17342		2962	2201
314 Tobacco		46396	49171	55602	63448		34333	34080	40182	46295		475	501
321 Textiles		41612	36815	32677	28663		17142	15326	13497	12653		696	472
3211 Spinning, weaving and finishing textiles		4183	2267	2302	2293		1616	871	1089	1132		34	23
3212 Made-up textile goods excl. wearing apparel		17191	14212	13266	13131		6147	5429	5166	5561		122	277
3213 Knitting mills		20238	20336	17109	13239		9379	9025	7242	5960		540	172
3214 Carpets and rugs													
3215 Cordage, rope and twine													
3219 Other textiles													
322 Wearing apparel, except footwear		100285	92035	83144	75242		38040	36950	33990	30463		914	457
323 Leather and fur products		6465	7492	6398	5714		2515	3000	2562	2182		165	106
3231 Tanneries and leather finishing		2377	2546	2166	1503		513	568	411	327		42	48
3232 Fur dressing and dyeing industries													
3233 Leather prods. excl. wearing apparel		4088	4946	4232	4211		2002	2432	2151	1855		113	58
324 Footwear, except rubber or plastic		20914	21647	20289	15730		8622	8843	8650	7061		444	330
331 Wood products, except furniture		66009	70798	74724	78354		28304	32095	33140	34184		3331	783
3311 Sawmills, planing and other wood mills		62520	67441	71158	74992	b/	26489	30412	31459	32361	b/	3260	772
3312 Wooden and cane containers						b/					b/		
3319 Other wood and cork products		3489	3357	3566	3762		1815	1683	1681	1823		71	11
332 Furniture and fixtures, excl. metal		43889	41232	37326	36207		20409	18842	17897	18280		1163	1176
341 Paper and products		35284	34276	31879	28443		11279	10858	10786	10270		1514	779
3411 Pulp, paper and paperboard articles		11897	11056	9709	9301		4777	3915	3608	3442		521	9
3412 Containers of paper and paperboard		23387	23220	22170	19142		6502	6943	7178	6828		993	770
3419 Other pulp, paper and paperboard articles													
342 Printing and publishing		53732	53243	56139	58569		24959	25586	26814	28048		5019	3050
351 Industrial chemicals		8352	7929	7887	8625		2450	2363	2201	3083		501	434
3511 Basic chemicals excl. fertilizers		1259	1448	1400	1333		647	757	777	681		144	106
3512 Fertilizers and pesticides		7093	6481	6487	7292		1803	1606	1424	2402		357	328
3513 Synthetic resins and plastic materials													
352 Other chemicals		69820	71975	71579	76484		20906	22749	25159	27554		3644	6679
3521 Paints, varnishes and lacquers		11513	10989	11383	11531		4141	4131	4170	4515		1260	393
3522 Drugs and medicines		23805	28236	26870	33601		6271	7144	8843	12278		1732	4672
3523 Soap, cleaning preps., perfumes, cosmetics		27595	26499	27537	25387		8373	9313	10090	8535		392	1502
3529 Other chemical products		6907	6251	5789	5965		2120	2161	2056	2226		260	112
353 Petroleum refineries		65784	85525	63362	96078		5921	7525	6607	6903		891	245

354 Misc. petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-	-	-
355 Rubber products	4367	4097	4198	3740	-	-	1892	1565	1653	1640	-	300	193	-
3551 Tyres and tubes	1800	1504	1753	1435	-	-	758	1435	630	630	-	123	185	-
3559 Other rubber products	2567	2593	2445	2305	-	-	1134	954	1000	1010	-	177	8	-
356 Plastic products	36691	36772	40330	38633	-	-	16585	15801	17140	17478	-	2636	2150	-
361 Pottery, china, earthenware	1593	1656	1623	1404	-	-	1048	1161	1153	941	-	90	18	-
362 Glass and products	2941	2654	2695	2647	-	-	1088	996	1081	1114	-	141	240	-
369 Other non-metallic mineral products	114537	108691	105008	108486	-	-	48221	45738	44192	44550	-	7680	8683	-
3691 Structural clay products	26590	23879	22461	21507	-	-	12306	11489	10883	10306	-	663	893	-
3692 Cement, lime and plaster	35941	36254	31743	31915	-	-	18935	18622	15926	15172	-	4058	4028	-
3699 Other non-metallic mineral products	52006	48558	50804	55064	-	-	16980	15627	17383	19072	-	2959	3752	-
371 Iron and steel	-	-	-	-	-	-	-	-	-	-	-	-	-	-
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-	-	-
381 Fabricated metal products	98102	101159	112946	113318	-	-	34876	37275	42869	43993	-	7040	3760	-
3811 Cutlery, hand tools and general hardware	4214	3903	3884	4442	-	-	1978	1940	1916	2126	-	350	105	-
3812 Furniture and fixtures primarily of metal	12056	10521	11732	12012	-	-	5377	5102	5981	6548	-	577	577	-
3813 Structural metal products	55895	51735	57085	55996	-	-	18511	19400	21261	20987	-	2116	1811	-
3819 Other fabricated metal products	25937	35000	40245	40868	-	-	9010	10833	13711	14332	-	3701	1267	-
382 Non-electrical machinery	29136	27573	27573	29184	-	-	12933	12524	13376	14021	-	612	657	-
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3822 Agricultural machinery and equipment	29136	27573	27573	29184	-	-	12933	12524	13376	14021	-	612	657	-
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	15019	17663	15217	13889	-	-	5529	6536	5978	5805	-	621	333	-
3831 Electrical industrial machinery	909	879	1418	1058	-	-	509	560	891	685	-	14	16	-
3832 Radio, television and communication equipm.	99	93	105	90	-	-	33	41	45	36	-	-	4	-
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3839 Other electrical apparatus and supplies	14011	16691	13694	12741	-	-	4987	5935	5042	5084	-	607	313	-
384 Transport equipment	10214	9881	10322	10890	-	-	5027	4768	4855	5320	-	593	443	-
3841 Shipbuilding and repairing	2016	1703	2011	2445	-	-	1221	932	1044	1426	-	73	87	-
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles	8198	8178	8311	8445	-	-	3806	3836	3811	3894	-	520	356	-
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
385 Professional and scientific equipment	1658	1224	1599	1898	-	-	582	513	731	857	-	32	20	-
3851 Prof. and scientific equipment n.e.c.	1658	1224	1599	1898	-	-	582	513	731	857	-	32	20	-
3852 Photographic and optical goods	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
390 Other manufacturing industries	32736	31125	32389	36063	-	-	9924	9773	10575	12636	-	427	928	-
3901 Jewellery and related articles	26990	25095	26074	29117	-	-	7255	7077	7834	9586	-	215	779	-
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3909 Manufacturing industries, n.e.c.	5746	6030	6315	6946	-	-	2669	2696	2741	3050	-	212	149	-
3 Total manufacturing	1256656	1286525	1285223	1336937	-	-	474700	487712	503701	520367	-	56979	54899	-

a/ 3131 includes 3132 and 3133.

b/ 3311 includes 3312

c/ 3822 includes 3825 and 3829.

d/ 3851 includes 3852.

Cyprus

ISIC Industry		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
311/2	Food products	86	94	100	97	102	101	113	106	102	100	104		
313	Beverages	92	91	100	119	134	76	54	59	79	94	103		
314	Tobacco	99	90	100	94	108	99	82	66	61	64	62		
321	Textiles	106	93	100	96	84	71	72	63	60	72	58		
322	Wearing apparel, except footwear	109	111	100	94	89	69	68	47	47	48	39		
323	Leather and fur products	...	...	...	...	...	...	...	...	...	...	...
324	Footwear, except rubber or plastic	...	...	...	...	...	...	...	...	...	...	...
331	Wood products, except furniture	113	108	100	117	120	103	105	119	117	116	123		
332	Furniture and fixtures, excl. metal	...	...	...	...	...	...	...	...	...	...	...
341	Paper and products	91	91	100	91	85	89	102	116	111	103	95		
342	Printing and publishing	80	92	100	87	105	96	100	94	87	86	83		
351	Industrial chemicals	93	102	100	95	103	101	111	112	110	109	106		
352	Other chemicals	...	...	...	...	...	...	...	...	...	...	...
353	Petroleum refineries	...	...	...	...	...	...	...	...	...	...	...
354	Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...	...
355	Rubber products	86	101	100	94	116	81	79	86	89	85	85		
356	Plastic products	...	...	...	...	...	...	...	...	...	...	...
361	Pottery, china, earthenware	81	92	100	98	100	101	101	96	87	93	93		
362	Glass and products	...	...	...	...	...	...	...	...	...	...	...
369	Other non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...
371	Iron and steel	...	...	...	...	...	...	...	...	...	...	...
372	Non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...
381	Fabricated metal products	103	99	100	102	104	108	115	122	125	126	133		
382	Non-electrical machinery	...	...	...	...	...	...	...	...	...	...	...
383	Electrical machinery	87	108	100	105	133	147	134	144	140	134	119		
384	Transport equipment	169	114	100	123	122	141	110	76	71	98	96		
385	Professional and scientific equipment	...	...	100	101	102	103	154	125	145	200	323
390	Other manufacturing industries	76	91	100	94	99	95	102	90	95	93	89		
3	Total manufacturing	94	96	100	99	102	94	97	92	91	92	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 (CZ-NACE), 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 party, 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. Subsidies are excluded. 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 Industry	Number of enterprises (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (million KORUNAS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
151 Processed meat, fish, fruit, vegetables, fats		2638	1560	2077	46	152a/	5110	4980	5194		15381a/	5110	4980	5194	
1511 Processing/preserving of meat		2486	1338	1922	35	...	3767	3767	3870		...	3767	3767	3870	
1512 Processing/preserving of fish		15	95	108	1	...	126	100	548		...	126	100	548	
1513 Processing/preserving of fruit & vegetables		114	100	108	6	...	621	501	612		...	621	501	612	
1514 Vegetable and animal oils and fats		23	27	171	4	...	629	1936	1930		...	629	1936	1930	
1520 Dairy products		175	169	343	15	...a/	1738	1833	1908		...	1738	1833	1908	
1520 Dairy products; starches; animal feeds		467	359	343	15	...a/	1757	1833	1908		...	1757	1833	1908	
1531 Grain mill products		
1532 Starches and starch products		266	161	...	11	...	1365	1373	...		...	1365	1373	...
1533 Prepared animal feeds		2514	3234	2633	60	...a/	6554	6817	6799		...	6554	6817	6799	
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.		629	1143	839	26	...a/	3652	3755	3887		...	3652	3755	3887	
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		410	459	417	46	88b/	4260	4807	4707		7102b/	4260	4807	4707	
1711 Textile fibre preparation; textile weaving		297	330	298	42	...	3548	4498	538		...	3548	4498	538	
1712 Finishing of textiles		113	129	119	4	...	412	309	1867		...	412	309	1867	
172 Other textiles		2142	2392	1152	20	...b/	1835	2043	582		...	1835	2043	582	
1721 Made-up textile articles, except apparel		876	1156	1152	6	...	459	747	...		...	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		1303	1074	957	13	...b/	1148	974	1081		...	1148	974	1081	
1810 Wearing apparel, except fur apparel		12379	8915	11771	53	53c/	4031	4267	4650		3623c/	4031	4267	4650	
1820 Dressing & dyeing of fur; processing of fur		347	255	434	1	...c/	135	98	84		...	135	98	84	
191 Tanning, dressing and processing of leather		928	1234	779	9	31d/	854	668	625		2582d/	854	668	625	
1911 Tanning and dressing of leather		162	81	176	2	...	255	204	123		...	255	204	123	
1912 Luggage, handbags, etc.; saddlery & harness		766	1153	603	7	...	599	464	503		...	599	464	503	
1920 Footwear		495	300	364	18	...d/	1559	1690	1521		...	1559	1690	1521	
2010 Sawmilling and planing of wood		1731	1835	1913	15	49e/	1458	1433	1464		4668e/	1458	1433	1464	
202 Products of wood, cork, straw, etc.		21778	20160	20079	38	...e/	3769	3937	3988		...	3769	3937	3988	
2021 Veneer sheets, plywood, particle board, etc.		212	309	302	6	...	692	708	678		...	692	708	678	
2022 Builders' carpentry and joinery		17089	16019	16244	23	...	2275	2327	2262		...	2275	2327	2262	
2023 Wooden containers		444	749	760	2	...	168	281	405		...	168	281	405	
2029 Other wood products; articles of cork/straw		4033	3083	2753	7	...	634	621	643		...	634	621	643	
210 Paper and paper products		562	401	726	23	25	2860	3157	3092		2674	2860	3157	3092	
2101 Pulp, paper and paperboard		80	58	65	11	...	1491	1560	1334		...	1491	1560	1334	
2102 Corrugated paper and paperboard		
2109 Other articles of paper and paperboard		
221 Publishing of books and other publications		2652	1652	3027	17	34f/	2839	2975	3186		4376f/	2839	2975	3186	
2211 Publishing of newspapers, journals, etc.		
2212 Publishing of newspapers, journals, etc.		
2213 Publishing of recorded media		
2219 Other publishing		

222 Printing and related service activities	2875	3945	2995	16	18	16	2463	2308
2221 Printing	...	...	...	...	...	...	...	...
2222 Service activities related to printing	...	...	...	...	...	...	...	...
2230 Reproduction of recorded media	175	353	187	1	1	...	192	193
2310 Coke oven products	...	...	...	...	...	...	...	...
2320 Refined petroleum products	...	...	...	...	...	...	...	...
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...
241 Basic chemicals	893g/	616	759	28	26	6945g/	4526	4814
2411 Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...
2412 Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...
2413 Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...
242 Other chemicals	828	968	...	20	19	...	2998	...
2421 Pesticides and other agro-chemical products	17	16	...	...	...	...	2862	...
2422 Paints, varnishes, printing ink and mastics	67	65	70	3	2	...	55	92
2423 Pharmaceuticals, medicinal chemicals, etc.	82	69	77	7	7	...	344	377
2424 Soap, cleaning & cosmetic preparations	154	192	184	4	4	...	1132	1341
2429 Other chemical products n.e.c.	508	626	331	6	5	...	602	660
2430 Man-made fibres	11	10	...	1	1	...	729	754
251 Rubber products	1988h/	508	344	16	14	5061h/	2292	2597
2511 Rubber tyres and tubes	...	...	...	...	...	...	...	...
2519 Other rubber products	...	...	...	...	...	...	...	...
2520 Plastic products	2811	1831	2866	36	37	...	4299	5055
2610 Glass and glass products	5587i/	1909	2303	34	33	9029i/	4670	4792
269 Non-metallic mineral products n.e.c.	4713	4668	4355	50	49	...	7161	7235
2691 Pottery, china and earthenware	...	...	...	...	...	...	...	...
2692 Refractory ceramic products	...	...	...	...	...	...	...	...
2693 Structural non-refractory clay; ceramic products	152	122	137	10	10	...	1416	1417
2694 Cement, lime and plaster	73	67	69	5	4	...	882	838
2695 Articles of concrete, cement and plaster	1151	1396	855	14	14	...	2162	2221
2696 Cutting, shaping & finishing of stone	1350	993	1451	2	2	...	201	272
2699 Other non-metallic mineral products n.e.c.	150	109	110	4	4	...	472	690
2710 Basic iron and steel	310j/	112	103	71	66	13773j/	10897	10267
2720 Basic precious and non-ferrous metals	...	...	...	...	...	...	...	...
273 Casting of metals	...	...	...	...	...	...	...	...
2731 Casting of iron and steel	80	54	46	5	5	...	767	704
2732 Casting of non-ferrous metals	266	257	222	22	20	...	2658	2860
281 Structural metal products; tanks; steam generators	28181k/	2853	2433	40	46	14675k/	6897	6636
2811 Structural metal products	797	1629	1420	21	26	...	3761	3511
2812 Tanks, reservoirs and containers of metal	857	835	661	11	12	...	1557	1759
2813 Steam generators	299	389	352	8	8	...	1394	1366
289 Other metal products; metal working services	34288	25258	29075	94	99	...	11254	12118
2891 Metal forging/pressing/stamping/roll-forming	1348	1114	1205	4	6	...	750	956
2892 Treatment & coating of metals	5533	6399	6290	19	28	...	3902	3389
2893 Cutlery, hand tools and general hardware	25402	15047	19394	42	32	...	4856	3955
2899 Other fabricated metal products n.e.c.	2005	2698	2186	29	33	...	3586	3817
291 General purpose machinery	6351m/	3754	3547	66	58	20447m/	8888	8856
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	2998	2019	2129	103	96	...	13111	13541
292 Special purpose machinery	175	528	538	19	17	...	2078	1716
2921 Agricultural and forestry machinery	...	...	...	...	...	...	2920	3073
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	700	354	407	10	9	...	1155	1256
2930 Domestic appliances n.e.c.	...	...	...	...	...	...	...	...

continued

Czech Republic

ISIC Revision 3

ISIC Industry	Number of enterprises (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (million KORUNAS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
3000 Office, accounting and computing machinery		152	192	152	112		4	2	2	2		361	212	286	361
3110 Electric motors, generators and transformers		9641n/	4378	9094	10451		73n/	18	17	17		8339n/	2446	2391	2404
3120 Electricity distribution & control apparatus		2564	1478	1478	1009		23	22	22	22		3264	3264	3409	3572
3130 Insulated wire and cable		71	68	68	274		5	6	7	7		892	683	892	1102
3140 Accumulators, primary cells and batteries		69	35	35	333		2	2	3	3		338	309	338	539
3150 Lighting equipment and electric lamps		91	186	186	143		7	6	5	5		737	737	699	699
3190 Other electrical equipment n.e.c.		2823	2194	2194	1920		23	24	26	26		2796	2796	3128	3637
3210 Electronic valves, tubes, etc.		1796p/	908	603	795		23p/	12	14	16		2451p/	1342	1626	1965
3220 TV/radio transmitters; line comm. apparatus		1095	930	930	965		9	10	10	10		1246	1246	1041	1041
3230 TV and radio receivers and associated goods		2136	678	678	504		2	2	3	3		300	300	329	387
3311 Medical, measuring, testing appliances, etc.		3422a/	3709	3324	2907		29q/	25	23	21		3261q/	3093	3243	3313
3312 Medical, surgical and orthopaedic equipment		1781	2383	1781	1937		8	9	8	8		975	975	1172	1184
3313 Measuring/testing/navigating appliances, etc.		1828	867	867	1012		14	12	11	11		1677	1677	1676	1683
3315 Industrial process control equipment		100	74	74	102		3	2	2	2		441	441	395	446
3320 Optical instruments & photographic equipment		660	230	230	933		4	5	5	5		433	433	592	584
3330 Watches and clocks		175	85	85	73		1	1	1	1		50	50	86	55
3410 Motor vehicles		311r/	130	57	...		57r/	32	31	...		7412r/	5167	5904	...
3420 Automobile bodies, trailers & semi-trailers		89	77	77	...		3	4	4	...		401	401	521	...
3430 Parts/accessories for automobiles		122	554	554	143		27	31	36	36		3620	3620	4554	5994
351 Building and repairing of ships and boats		422s/	55	98	...		36s/	-	-	...		4114s/	43	51	...
3511 Building and repairing of ships	
3512 Building/repairing of pleasure/sport. boats	
3520 Railway/tramway locomotives & rolling stock		...	41	59	...		...	18	15	...		...	2372	2144	...
3530 Aircraft and spacecraft		...	53	68	70		...	9	8	8		...	1300	1295	1356
359 Transport equipment n.e.c.		241	158	158	171		...	8	4	4		...	819	425	491
3591 Motorcycles	
3592 Bicycles and invalid carriages	
3599 Other transport equipment n.e.c.		104	53	53	...		...	3	-	...		...	333	33	...
3610 Furniture		10058t/	4923	5438	5600		74t/	36	38	38		6617t/	3564	4223	4369
369 Manufacturing n.e.c.		9527	7739	7739	7840		...	37	32	31		...	3445	3253	3312
3691 Jewellery and related articles		1041	845	845	1303		...	4	3	3		...	393	285	283
3692 Musical instruments		437	337	337	518		...	4	4	4		...	430	446	477
3693 Sports goods		656	469	469	457		...	3	3	2		...	301	297	296
3694 Games and toys		550	526	526	1097		...	3	2	3		...	234	218	283
3699 Other manufacturing n.e.c.		6803	5562	5562	4465		...	23	20	19		...	2087	2007	1972
3710 Recycling of metal waste and scrap		386u/	939	382	531		7u/	5	5	5		704u/	673	727	632
3720 Recycling of non-metal waste and scrap		362	285	285	210		...	1	1	1		...	135	157	142
D Total manufacturing		110163	145814	128333	136194		1341	1345	1304	1255		144650	164442	176263	179048

s/ 351 includes 3520, 3530 and 359.
t/ 3610 includes 369.
u/ 3710 includes 3720.

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.

Czech Republic

ISIC Industry	Output (million KORUNAS)				Value added (million KORUNAS)				Gross fixed capital formation (million KORUNAS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		232066a/	80320	78809	75188		44588a/	12553	11745	12280
1511 Processing/preserving of meat		59879	59879	58692	54708		8522	8522	8066	8166
1512 Processing/preserving of fish		1274	1274	1891	1891		91	148	238	148
1513 Processing/preserving of fruit & vegetables		6246	6246	4711	6329		1579	1579	1179	1426
1514 Vegetable and animal oils and fats		12921	12921	13515	13515		2304	2304	2262	2304
1520 Dairy products		34814	34814	38942	37034		4376	4376	4754	4461
1521 Grain mill products; starches; animal feeds		32699	32699	31451	27686		5440	5440	5929	5521
1531 Grain mill products										
1532 Starches and starch products			24147	22992				4261	4595	
1533 Prepared animal feeds			59194	62748	57597			14931	14978	16673
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			43878	44013	46198			12217	11949	13542
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		55590b/	29914	33349	32998		15136b/	8901	9572	9502
1711 Textile fibre preparation; textile weaving		26974	26974	30867	28733			8027	8909	8417
1712 Finishing of textiles		2940	2940	2482	4265			874	763	1085
172 Other textiles		13501	13501	13900	14305			4105	4297	4513
1721 Made-up textile articles, except apparel		2772	2772	3965	3990			722	1302	1152
1722 Carpets and rugs										
1723 Cordage, rope, twine and netting										
1729 Other textiles n.e.c.										
1730 Knitted and crocheted fabrics and articles			5448	4987	5330			1908	1766	1785
1810 Wearing apparel, except fur apparel		16528c/	19693	18021	20549		6035c/	7302	7271	8563
1820 Dressing & dyeing of fur; processing of fur		881	881	581	394			194	156	117
191 Tanning, dressing and processing of leather		16380d/	4519	4319	3469		5118d/	1213	1081	1120
1911 Tanning and dressing of leather		1868	1868	1489	873			280	244	192
1912 Luggage, handbags, etc.; saddlery & harness		2651	2651	2830	2596			933	837	928
1920 Footwear		7591	7591	7345	6546			2517	2470	2150
2010 Sawmilling and planing of wood		40349e/	12284	13187	14517		12183e/	3037	3560	3236
202 Products of wood, cork, straw, etc.		31763	31763	34412	34389			8433	8109	9125
2021 Veneer sheets, plywood, particle board, etc.		6577	6577	7004	7167			1649	1643	1888
2022 Builders' carpentry and joinery		19268	19268	19256	19899			4978	4646	5372
2023 Wooden containers		1380	1380	2304	3282			294	587	824
2029 Other wood products; articles of cork/straw		4538	4538	5848	4041			1512	1233	1040
210 Paper and paper products		33693	34505	38893	38419		7676	7653	7916	8765
2101 Pulp, paper and paperboard		19883	19883	22064	19998			4398	4542	4652
2102 Corrugated paper and paperboard										
2109 Other articles of paper and paperboard										
221 Publishing of books and other publications		37599f/	25749	24934	27214		11804f/	6792	7027	7141
2211 Publishing of newspapers, journals, etc.										
2212 Publishing of newspapers, journals, etc.										
2213 Publishing of recorded media										
2219 Other publishing										

continued

292 Special purpose machinery	73977	74444	70281	24752	25797	23610	3735	3966
2921 Agricultural and forestry machinery	14890	12782	7659	3750	3189	1884	599	670
2922 Machine tools	14108	16574	16973	5328	6150	5998	779	606
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.	8765	8085	8015	2763	2374	2499	559	428
3000 Office, accounting and computing machinery	2280	3649	4533	481	551	707	207	257
3110 Electric motors, generators and transformers	16826	21045	17198	5294	5425	5944	1175	754
3120 Electricity distribution & control apparatus	22560	24280	24131	7298	7752	7790	4057	1450
3130 Insulated wire and cable	2993	8548	10087	2086	2160	2684	807	752
3140 Accumulators, primary cells and batteries	2917	4388	4388	896	940	1431	279	846
3150 Lighting equipment and electric lamps	4448	4365	4138	1336	1336	1362	225	204
3190 Other electrical equipment n.e.c.	17841	20486	24007	5335	6642	7373	2166	2849
3210 Electronic valves, tubes, etc.	6752	8411	11521	2427	3104	4169	1571	2461
3220 TV/radio transmitters; line comm. apparatus	8461	10352	8640	2758	3090	2008	580	557
3230 TV and radio receivers and associated goods	4460	4925	7854	782	634	852	251	1020
331 Medical, measuring, testing appliances, etc.	19143	23309	22466	6793	7997	8216	1069	1390
3311 Medical, surgical and orthopaedic equipment	4826	8522	7356	2214	3501	3226	302	439
3312 Measuring/testing/navigating appliances, etc.	11008	11741	11835	3617	3738	3992	706	854
3313 Industrial process control equipment	3309	3046	3275	962	758	998	61	97
3320 Optical instruments & photographic equipment	2211	2645	3562	993	1128	1378	321	868
3330 Watches and clocks	278	433	386	69	129	112	52	34
3410 Motor vehicles	102272	118352		19613	20521		9627	
3420 Automobile bodies, trailers & semi-trailers	4116	5920		889	1087		248	
3430 Parts/accessories for automobiles	34965	44173	67043	10069	12565	17041	4406	7629
351 Building and repairing of ships and boats	400	393		181	136		9	
3511 Building and repairing of ships								
3512 Building/repairing of pleasure/sport. boats								
3520 Railway/tramway locomotives & rolling stock	15631	10941		6596	3626		649	
3530 Aircraft and spacecraft	4122	4014	6267	881	1060	2407	375	278
359 Transport equipment n.e.c.	4746	3261	3103	1318	722	911	85	165
3591 Motorcycles								
3592 Bicycles and invalid carriages								
3599 Other transport equipment n.e.c.	1554	214		521	45		5	
3610 Furniture	27797	33297	37090	6976	8256	9117	1458	1343
3691 Jewelry and related articles	22830	18536	18918	7534	6652	7369	1126	1508
3692 Musical instruments	2962	2011	2052	766	630	678	53	113
3693 Sports goods	2211	2182	2402	929	928	1034	142	140
3694 Games and toys	2974	2242	1740	885	595	616	79	378
3699 Other manufacturing n.e.c.	1150	1040	1680	420	378	520	82	292
3710 Recycling of metal waste and scrap	13533	11061	11044	4534	4121	4521	770	585
3720 Recycling of non-metal waste and scrap	8842	8259	8133	1726	1094	1141	259	328
D Total manufacturing	1419906	1617082	1589083	400511	417068	423352	124721	136243

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 (1990=100)											
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
ISIC Industry	Note	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
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	68	66

DENMARK

<p>Supplier of information: Danmarks Statistik, Copenhagen. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>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).</p> <p>Major deviations from ISIC (Revision 3): The data presented in ISIC (Rev.3) were originally classified according to NACE (Revision 1).</p> <p>Reference period (if not calendar year):</p> <p>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.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <u>Number of employees</u> refers to all full-time and part-time employees and all self-employed at end November. <u>Wages and salaries</u> 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. <u>Output and value added</u>, which are derived from national accounts estimates for 1996 and 1997, are valued in basic values.</p> <p>Related national publications:</p>
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Denmark

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees (million KRONER)			
	(numbers)				(numbers)				(million KRONER)			
	1996	1997	1998a/	1999a/	1996	1997	1998	1999	1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats	594	550	204	167	35830	34879	34775	23664	7728	7783	8069	6041
1511 Processing/preserving of meat	293	281	104	167	23166	23221	24508	23664	5402	5498	5761	5498
1512 Processing/preserving of fish	219	193	160	141	8514	7579	7162	6825	1442	1390	1303	1300
1513 Processing/preserving of fruit & vegetables	64	59	47	47	3126	3016	2815	2514	623	616	592	565
1514 Vegetable and animal oils and fats	18	17	..	..	1074	1064	992	..	261	279	283	..
1520 Dairy products	162	153	67	69	12216	12236	10451	10459	2809	2877	2344	2570
153 Grain mill products; starches; animal feeds	106	100	92	..	3122	3021	2740	..	705	697	656	..
1531 Grain mill products	26	24	..	..	939	836	568	..	240	229	147	..
1532 Starches and starch products	6	7	..	..	208	203	184	..	44	41	38	..
1533 Prepared animal feeds	1559	69	64	63	1975	1982	2049	1794	421	427	477	419
154 Other food products	1421	1400	1505	1396	30135	29301	31847	29693	4496	4506	5813	5306
1541 Bakery products	8	9	..	..	20619	20429	19989	..	2356	2451	2528	..
1542 Sugar	43	44	..	..	1502	1512	1507	..	334	373	365	..
1543 Cocoa, chocolate and sugar confectionery	8	6	..	..	3254	3310	3230	..	610	643	676	..
1544 Macaroni, noodles & similar products	..	..	..	..	54	29	27	..	9	7	5	..
1549 Other food products n.e.c.	63	59	36	34	6463	6619	6207	7107	1715	1749	1639	1892
155 Beverages	..	..	..	..	..	..	..	..	..	..	..	..
1551 Distilling, rectifying & blending of spirits	..	..	..	..	..	..	..	..	..	..	..	..
1552 Malt liquors and malt	27	25	..	..	4520	4392	4180	..	1260	1253	1259	..
1553 Malt liquors and malt	27	26	..	..	1394	1665	1725	..	326	369	408	..
1554 Soft drinks; mineral waters	..	..	..	..	..	..	..	..	..	..	..	..
1600 Tobacco products	13	12	8	7	1404	1354	1453	1406	325	325	335	376
171 Spinning, weaving and finishing of textiles	153	136	155	..	2145	2199	2049	..	436	442	445	..
1711 Textile fibre preparation; textile weaving	94	79	75	..	1219	1263	1265	..	252	262	275	..
1712 Finishing of textiles	59	57	80	59	926	936	784	729	184	180	170	172
172 Other textiles	543	530	520	412	5667	5636	5426	5058	1083	1113	1129	1098
1721 Made-up textile articles, except apparel	362	355	351	275	3240	3163	3042	2799	556	563	563	540
1722 Carpets and rugs	28	30	..	..	920	911	896	..	211	217	221	..
1723 Cordage, rope, twine and netting	70	64	..	..	536	535	554	..	97	99	104	..
1729 Other textiles n.e.c.	149	138	125	..	2502	2186	2083	..	460	437	432	..
1730 Knitted and crocheted fabrics and articles	998	897	913	528	6294	5417	5172	4722	1066	986	1019	1007
1810 Wearing apparel, except fur apparel	78	77	76	65	210	197	260	257	19	21	28	27
1820 Dressing & dyeing of fur; processing of fur	..	..	..	..	..	..	..	..	..	..	..	..
191 Tanning, dressing and processing of leather	72	62	..	..	535	488	422	..	94	83	79	..
1911 Tanning and dressing of leather	7	6	..	..	235	229	181	..	48	43	40	..
1912 Luggage, handbags, etc.; saddlery & harness	65	56	51	31	300	259	229	116	46	40	36	18
1920 Footwear	101	88	..	..	1128	1140	1148	..	226	230	247	..
2010 Sawmilling and planing of wood	196	188	186	165	2044	2129	1951	1736	353	391	376	358
202 Products of wood, cork, straw, etc.	715	700	740	625	14323	14372	14822	14006	2726	2888	3094	3095
2021 Veneer, sheets, plywood, particle board, etc.	60	62	61	58	1548	1622	1447	1356	287	313	294	272
2022 Carpenters' carpentry and joinery	268	271	312	277	10066	10311	10900	10510	1981	2141	2322	2387
2023 Wooden containers	80	86	84	71	892	886	872	828	157	161	171	162
2029 Other wood products; articles of cork/straw	307	281	283	219	1817	1538	1603	1312	301	273	307	275
210 Paper and paper products	244	249	229	224	9992	10354	8620	9670	2458	2632	2237	2556
2101 Pulp, paper and paperboard	26	27	28	26	1237	1363	1384	1249	334	370	386	372
2102 Corrugated paper and paperboard	100	101	..	..	5452	5625	5360	..	1348	1442	1410	..
2109 Other articles of paper and paperboard	118	121	..	..	3303	3366	3356	..	776	820	841	..
221 Publishing of books and other publications	1464	1437	1770	1287	35015	35711	33397	34256	5565	5726	5856	6137
2211 Publishing of newspapers, journals, etc.	533	525	..	..	3618	3991	3991	..	770	779	964	954
2212 Publishing of newspapers, journals, etc.	495	505	..	..	29602	30573	29567	..	4424	4668	4753	..
2213 Publishing of recorded media	104	110	..	..	138	109	267	..	24	19	53	..
2219 Other publishing	332	297	..	..	1723	1411	1436	..	347	261	226	..

221 Printing and related service activities	1876	2105	1789	16740	16053	16562	16247	4009	3955	4187	4334
222 Printing	1326	...	...	12087	11597	12416	...	2863	2832	2832	...
2222 Service activities related to printing	611	...	...	4653	4456	4109	...	1146	1124	1029	...
2230 Reproduction of recorded media	39	64	42	273	547	563	672	55	109	122	151
2310 Coke oven products	...	12	8	928	815	239	211	304	291	78	74
2320 Refined petroleum products	...	...	...	...	...	...	...	...	...	...	...
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...
241 Basic chemicals	96	68	66	6674	5105	2767	2485	1948	1527	782	738
2411 Basic chemicals, except fertilizers	43	...	...	5149	3588	3632	...	1582	1176	1176	...
2412 Fertilizers and nitrogen compounds	12	...	...	705	701	585	...	183	186	175	...
2413 Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...	...	...
242 Other chemicals	357	...	...	20235	21978	22128	...	5565	6456	6757	...
2421 Pesticides and other agro-chemical products	12	...	...	940	983	966	...	266	277	281	...
2422 Paints, varnishes, printing ink and mastics	83	63	53	2938	2993	2688	2521	751	790	760	750
2423 Pharmaceuticals, medicinal chemicals, etc.	88	81	81	11053	13235	15880	15012	3316	4230	5239	5223
2424 Soap, cleaning & cosmetic preparations	106	96	92	3258	3217	1912	1977	754	765	751	512
2429 Other chemical products n.e.c.	68	66	64	2036	1550	2467	2411	478	394	741	725
2430 Man-made fibres	3	...	...	1112	1157	1202	...	281	297	312	...
251 Rubber products	112	107	95	2469	2555	2325	2036	542	565	590	513
2511 Rubber tyres and tubes	64	...	...	283	240	224	...	52	48	43	...
2519 Other rubber products	48	...	...	2186	2315	2052	...	490	517	516	...
2520 Plastic products	624	645	619	19043	19878	18827	20254	4086	4380	4219	4734
2610 Glass and glass products	189	189	173	4353	4555	4509	4686	881	957	921	1143
269 Non-metallic mineral products n.e.c.	1050	...	...	15632	14330	14330	...	...	3709	3995	...
2691 Pottery, china and earthenware	...	...	...	...	...	55	...	...	...	...	...
2692 Refractory ceramic products	4	...	...	51	15	...	...	12	...	...	...
2693 Struct non-refractory clay; ceramic products	40	...	...	778	897	788	...	209	223	219	...
2694 Cement, lime and plaster	13	...	...	8132	8306	8468	8130	1844	1962	1983	1997
2695 Articles of concrete, cement and plaster	409	291	260	492	583	586	589	92	104	119	130
2696 Cutting, shaping & finishing of stone	130	140	122	3998	3850	2230	2870	963	950	569	706
2699 Other non-metallic mineral products n.e.c.	125	59	53	...	...	...	...	...	...	...	...
2710 Basic iron and steel	104	129	...	5306	5912	6466	...	1246	1409	1522	...
2720 Basic precious and non-ferrous metals	44	44	45	2116	2187	1977	2258	523	542	514	562
273 Casting of metals	42	51	58	121	132	219	1834	22	22	48	360
2731 Casting of iron and steel	7	11	...	11	13	1551	...	2	2	351	...
2732 Casting of non-ferrous metals	35	...	...	110	119	379	...	21	19	76	...
281 Struct metal products; tanks; steam generators	521	...	...	15766	17052	16820	...	3577	3998	4017	...
2811 Structural metal products	439	505	499	11860	13191	12864	12339	2603	2982	3015	3079
2812 Tanks, reservoirs and containers of metal	72	71	75	2231	2195	1934	2259	470	500	439	527
2813 Steam generators	10	...	...	1675	1666	1347	...	504	516	423	...
289 Other metal products; metal working services	3432	...	...	30195	29489	28683	...	6107	6066	6010	...
2891 Metal forging/pressing/stamping/roll-forming	20	...	...	42	74	80	...	7	11	14	...
2892 Treatment & coating of metals	2122	2427	2149	10567	9862	10018	10540	2054	1949	2091	2354
2893 Cutlery, hand tools and general hardware	310	345	303	4266	4094	4276	4100	867	879	942	958
2899 Other fabricated metal products n.e.c.	877	952	760	15320	15459	15843	13502	3159	3227	3330	3127
291 General purpose machinery	1005	1006	938	43157	44302	44044	41771	10248	10628	10898	10924
2911 Engines & turbines (not for transport equip.)	70	74	...	3218	3056	3056	...	866	863	894	...
2912 Pumps, compressors, taps and valves	170	...	...	19284	19276	19261	...	4380	4365	4493	...
2913 Bearings, gears, gearing & driving elements	35	...	...	734	763	775	...	164	172	181	...
2914 Ovens, furnaces and furnace burners	33	...	...	344	394	386	...	72	84	83	...
2915 Lifting and handling equipment	241	...	...	8608	8362	9188	...	2087	1974	2245	...
2919 Other general purpose machinery	456	440	...	10969	12451	12359	...	2087	1974	2245	...
292 Special purpose machinery	185	1419	464	23117	23737	24309	...	5347	5317	3163	...
2921 Agricultural and forestry machinery	356	503	185	6019	6644	6341	6481	1217	1411	6015	1599
2922 Machine tools	150	180	165	2545	2518	2330	2183	365	567	562	538
2923 Machinery for metallurgy	27	...	...	171	89	119	...	19	19	24	...
2924 Machinery for mining & construction	53	...	...	2395	2336	2574	...	610	590	662	...
2925 Food/beverage/tobacco processing machinery	169	...	...	4656	4782	4695	...	1187	1222	1269	...
2926 Textile machinery for textile, apparel and leather	31	...	...	743	748	748	...	166	177	159	...
2927 Weapons and ammunition	7	...	...	12	14	11	...	2	3	2	...
2929 Other special purpose machinery	390	72	...	6576	6606	6129	...	1562	1548	1506	...
2930 Domestic appliances n.e.c.	76	...	...	5973	6015	5978	...	1356	1322	1425	...

continued

Denmark

ISIC Industry	Number of establishments			Number of employees			Wages and salaries paid to employees (million KRONER)						
	(numbers)			(numbers)			Note						
	1996	1997	1998a/ 1999a/	1996	1997	1998	1999	1996	1997	1998	1999		
ISIC Industry	Note												
3000 Office, accounting and computing machinery		128	111	151	107	1985	1900	1603	1881	547	486	406	548
3110 Electric motors, generators and transformers		80	83	74	83	4351	5220	5452	7075	981	1175	1274	1827
3120 Electricity distribution & control apparatus		158	158	186	157	3977	4062	4054	3825	900	913	981	1015
3130 Insulated wire and cable		31	30	...	...	1537	1796	1959	...	347	409	476	...
3140 Accumulators, primary cells and batteries		17	14	...	...	260	271	208	...	64	61	49	...
3150 Lighting equipment and electric lamps		173	168	207	155	2768	2528	2151	2157	539	517	444	475
3190 Other electrical equipment n.e.c.		554	506	688	553	3710	2494	2203	2747	692	519	479	602
3210 Electronic valves, tubes, etc.		99	98	112	94	2985	3638	3541	3263	637	820	839	816
3220 TV/radio transmitters; line comm. apparatus		52	46	44	43	3062	2605	3097	4768	771	706	760	1429
3230 TV and radio receivers and associated goods		104	102	109	79	5865	6307	6324	5835	1167	1329	1329	1329
331 Medical, measuring, testing appliances, etc.		633	641	663	635	13360	13473	13333	12319	3235	3302	3299	3368
3311 Medical, surgical and orthopaedic equipment		387	390	383	395	7777	7342	7762	6466	1697	1708	1796	1653
3312 Measuring/testing/navigating appliances, etc.		169	180	194	171	5243	5815	5213	5459	1472	1529	1414	1617
3313 Industrial process control equipment		77	71	86	69	340	316	358	394	66	65	88	98
3320 Optical instruments & photographic equipment		47	45	45	39	1570	1615	1605	1742	346	417	428	476
3330 Watches and clocks		3	5	4	5	6	8	18	10	1	1	2	2
3410 Motor vehicles		136	129	123	117	4463	4676	4438	4243	958	1010	1022	1050
3420 Automobile bodies, trailers & semi-trailers		74	68	75	...	3348	3377	3779	...	693	707	843	...
3430 Parts/accessories for automobiles		379	379	432	354	10842	10246	9001	7383	2649	2578	2254	2019
351 Building and repairing of ships and boats		192	181	...	...	9762	8660	7804	...	2443	2339	2007	...
3511 Building and repairing of ships		187	198	...	...	1080	1586	1643	...	206	338	353	...
3512 Building/repairing of pleasure/sport. boats		6	5	...	...	672	688	434	...	169	170	135	...
3520 Railway/tramway locomotives & rolling stock		46	45	...	39	787	996	1066	779	191	261	290	271
3530 Aircraft and spacecraft		64	62	71	...	1131	1212	1239	...	240	247	259	...
359 Motorcycles		22	...	...	...	272	...	...	...	61	...	...	...
3591 Motorcycles		...	45	...	...	...	759	799	...	...	154	178	...
3592 Bicycles and invalid carriages		16	17	19	...	368	453	522	...	81	92	105	...
3599 Other transport equipment n.e.c.		1572	1534	1632	1330	24828	25347	25582	23950	4525	4830	5044	5114
369 Furniture		1080	1057	1087	...	8203	8974	8799	...	1553	1780	1852	...
369 Manufacturing n.e.c.		302	301	338	245	943	979	539	509	178	191	109	108
3691 Jewellery and related articles		85	82	100	56	285	262	243	234	52	55	52	51
3692 Musical instruments		40	35	...	...	399	398	417	...	82	85	96	...
3693 Sports goods		97	94	...	...	4005	4705	4616	...	828	1036	1091	...
3694 Games and toys		556	545	645	428	2601	2630	2633	2536	413	413	433	448
3699 Other manufacturing n.e.c.		21	19	...	...	187	177	166	...	42	38	38	...
3710 Recycling of metal waste and scrap		13	17	...	...	167	189	191	...	44	49	48	...
3720 Recycling of non-metal waste and scrap		2352	22949	24424	20525	466667	486124	477885	466469	99652	106982	108816	112727
D Total manufacturing													

a/ Number of enterprises.

Denmark

ISIC Industry	Output (million KRONER)			Value added (million KRONER)			Gross fixed capital formation (million KRONER)	
	1996a/	1997a/	1998	1996a/	1997a/	1998b/	1998	1999
ISIC Industry								
151 Processed meat, fish, fruit, vegetables, fats	56634	56634	33279	10866	10832	8673	1004	1060
1511 Processing/preserving of meat	38023	39005	35749	7320	7297	8501	1004	1060
1512 Processing/preserving of fish	9650	9899	9843	2055	2048	2142	386	296
1513 Processing/preserving of fruit & vegetables	4900	5026	4900	1192	1188	875	883	124
1514 Vegetable and animal oils and fats	2635	2703	2635	299	298	4066	883	1049
1520 Dairy products	20610	21142	21804	3208	3198	4247	276	1049
153 Grain mill products; starches; animal feeds	15107c/	15498c/	6246	4207c/	4194c/	1101	276	1049
1531 Grain mill products								
1532 Starches and starch products			4251					
1533 Prepared animal feeds	11279	11571	4333	4611	4596	702	204	231
154 Other food products	8470	8688	25391	3691	3680	9496	1347	1250
1541 Bakery products	2810	2882	919	919	917			
1542 Sugar								
1543 Cocoa, chocolate and sugar confectionery								
1544 Macaroni, noodles & similar products								
1549 Other food products n.e.c.								
155 Beverages	8628	8850	10337	2641	2633	4432	1102	817
1551 Distilling, rectifying & blending of spirits								
1552 Wines								
1553 Malt liquors and malt								
1554 Soft drinks; mineral waters								
1600 Tobacco products	3203	3286	11018	1618	1613	1752	65	64
171 Spinning, weaving and finishing of textiles	7703d/	7695d/	1464	2948d/	2699d/	606	73	41
1711 Textile fibre preparation; textile weaving			1024			375	41	29
1712 Finishing of textiles			440			231	32	215
172 Other textiles			4680			1711	382	77
1721 Made-up textile articles, except apparel			2003			812	86	77
1722 Carpets and rugs								
1723 Cordage, rope, twine and netting								
1729 Other textiles n.e.c.								
1730 Knitted and crocheted fabrics and articles			2105			668	88	
1810 Wearing apparel, except fur apparel	5845e/	5839e/	5420	1953e/	1788e/	1594	151	233
1820 Dressing & dyeing of fur; processing of fur			146			48	6	5
191 Tanning, dressing and processing of leather	1988f/	1986f/		358f/	328f/			
1911 Tanning and dressing of leather			132			51	5	2
1912 Luggage, handbags, etc.; saddlery & harness								
1920 Footwear								
2010 Sawmilling and planing of wood	11220g/	11941g/	1669	4100g/	4195g/	577	92	95
202 Products of wood, cork, straw, etc.			11415			4541	873	934
2021 Veneer sheets, plywood, particle board, etc.			1274			419	51	79
2022 Builders' carpentry and joinery			8362			3394	753	740
2023 Wooden containers			672			250	22	58
2029 Other wood products; articles of cork/straw			1067			456	47	56
210 Paper and paper products	10272	10933	9182	3774	3862	3456	602	939
2101 Pulp, paper and paperboard			1900			653	106	236
2102 Corrugated paper and paperboard								
2109 Other articles of paper and paperboard	16574	17639	19609	7006	7169	7999	1145	990
221 Publishing of books and other publications								
2211 Publishing of newspapers, journals, etc.								
2212 Publishing of recorded media								
2213 Publishing of recorded media								
2219 Other publishing								

continued

292 Special purpose machinery	35971	20094	6075	14176	8379	2188	769	209
2921 Agricultural and forestry machinery	5081	5129	1724	2020	830	753	184	87
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 for textile, apparel and leather	...	...	...	...	...	...	...	...
2928 Weapons and ammunition	...	11	...	...	5	...	1	...
2929 Other special purpose machinery	30890q/	...	...	12156q/	...	...	...	...
2930 Domestic appliances n.e.c.	5030	5871	...	1875	1879	...	220	...
3000 Office, accounting and computing machinery	2402	1201	2278	1066	483	816	36	56
310 Electric motors, generators and transformers	17070r/	8598	12902	5880r/	1939	2368	229	416
3120 Electricity distribution & control apparatus	...	3350	3490	...	1545	1568	157	241
3130 Insulated wire and cable	...	...	...	...	...	...	...	...
3140 Accumulators; primary cells and batteries	...	1644	1735	...	647	704	93	68
3160 Lighting equipment and electric lamps	...	1700	2089	...	695	879	86	57
3190 Other electrical equipment n.e.c.	...	...	...	...	...	...	...	...
3210 Electronic valves, tubes, etc.	11312s/	2634	2799	4157s/	884	1230	549	163
3220 TV/radio transmitters; line comm. apparatus	...	4087	7849	...	1275	2384	389	389
3230 TV and radio receivers and associated goods	...	5583	5593	...	2128	2045	468	333
331 Medical, measuring, testing appliances, etc.	12050t/	10696	11194	5835t/	5315	5377	674	469
3311 Building and repairing of ships and boats	...	6144	6142	...	3082	2915	442	264
3312 Building/repairing of pleasure/sport. boats	...	4277	4719	...	2093	2323	224	186
3320 Railway/tramway locomotives & rolling stock	...	275	334	...	141	138	8	19
3530 Aircraft and spacecraft	...	1971	2299	...	992	1117	149	110
359 Transport equipment n.e.c.	...	7	5	...	4	3	1	1
3591 Motorcycles	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	416	...	...	148	...	26	...
3610 Furniture	18301	19934	20295	7110	7639	7721	1034	1107
369 Manufacturing n.e.c.	6421	438	432	2647	197	190	22	28
3691 Jewellery and related articles	...	125	125	...	76	76	7	105
3692 Musical instruments	...	...	...	...	...	...	...	...
3693 Sports goods	...	...	...	...	...	...	...	...
3694 Games and toys	...	...	...	...	...	...	...	...
3699 Other manufacturing n.e.c.	...	1720	1743	...	709	710	91	126
3710 Recycling of metal waste and scrap	660w/	...	...	170w/	...	...	...	...
3720 Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...
D Total manufacturing	439682	459599	470509	159080	170620	175296	27059	26690

a/ Data are derived from national accounts.
 b/ Value added in factor values.
 c/ 153 includes 1543, 1544 and 1549.
 d/ 171 includes 172 and 1730.
 e/ 1810 includes 1820.
 f/ 191 includes 1920.
 g/ 2010 includes 202.
 h/ 222 includes 2230.
 i/ 2310 includes 2320.
 j/ 2424 includes 2429 and 2430.
 k/ 251 includes 2520.
 l/ 2610 includes 2691.
 m/ 2692 includes 2693, 2694, 2695, 2696 and 2699.
 n/ 281 includes 289.
 o/ 2929 includes 2922, 2923, 2924, 2925, 2926 and 2927.
 p/ 3110 includes 3120, 3130, 3140, 3190.

s/ 3210 includes 3220 and 3230.
 t/ 331 includes 3320 and 3330.
 u/ 3410 includes 3420 and 3430.
 v/ 359 includes 3520 and 3530.
 w/ 3710 includes 3720.

Denmark

ISIC Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
15	Food and beverages	97	96	100	102	105	107	114	110	108	114	113	113		
16	Tobacco products	99	101	100	125	111	106	99	98	93	94	94	90		
17	Textiles	103	104	100	98	92	87	89	86	93	86	93	91		
18	Wearing apparel, fur	106	100	100	108	105	98	104	107	107	111	110	100		
19	Leather, leather products and footwear	93	94	100	111	118	122	142	130	119	130	137	131		
20	Wood products (excl. furniture)	109	104	100	95	105	108	128	140	136	154	162	160		
21	Paper and paper products	97	99	100	104	104	89	101	103	96	101	98	97		
22	Printing and publishing	105	99	100	100	103	105	110	117	130	134	129	136		
23	Coke, refined petroleum products, nuclear fuel	109	106	100	104	108	108	114	121	135	117	98	102		
24	Chemicals and chemical products	93	98	100	101	110	109	122	134	140	153	163	190		
25	Rubber and plastics products	100	101	100	98	104	101	112	111	111	119	123	127		
26	Non-metallic mineral products	104	101	100	96	93	88	101	107	107	112	117	123		
27	Basic metals	96	103	100	105	118	122	130	133	125	138	136	134		
28	Fabricated metal products	92	100	100	100	105	93	106	111	116	115	123	117		
29	Machinery and equipment n.e.c.	98	102	100	98	100	94	102	111	109	115	117	110		
30	Office, accounting and computing machinery	82	97	100	84	111	114	124	143	176	108	86	126		
31	Electrical machinery and apparatus	98	100	100	91	87	85	101	125	133	148	151	174		
32	Radio, television and communication equipment	99	101	100	96	112	114	120	123	153	160	171	196		
33	Medical, precision and optical instruments	101	102	100	103	109	112	129	134	144	169	177	189		
34	Motor vehicles, trailers, semi-trailers	83	94	100	99	97	77	122	136	141	166	181	165		
35	Other transport equipment	84	86	100	106	108	98	112	117	108	103	100	80		
36	Furniture; manufacturing n.e.c.	94	100	100	101	102	99	111	114	111	114	122	125		
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	97	100	100	100	104	101	111	116	118	124	127	129		

Note

ECUADOR

<p>Supplier of information: Instituto Nacional de Estadística y Censos (INEC), Quito.</p> <p>Basic source of data: Annual survey of manufacturing and mining.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Establishments with 10 or more persons engaged.</p> <p>Method of enumeration: Questionnaires were distributed by mail with follow-up site visits as required.</p> <p>Adjusted for non-response: No.</p>	<p>Concepts and definitions of variables: <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>Related national publications: Encuesta Anual de Manufacturera y Minería (annual), published by the Instituto Nacional de Estadística y Censos (INEC), Quito.</p>
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222	Printing and related service activities	57		1471	1464	1850	1619	10936	11583	22836	26374
2221	Printing	55	54	1361	1349	1725	1481	10663	11240	22190	25306
2222	Service activities related to printing	53	51	110	115	125	138	283	343	646	1069
2230	Reproduction of recorded media	2	-	65	-	-	-	393	-	-	-
2310	Coke oven products	-	-	-	-	-	-	-	-	-	-
2320	Refined petroleum products	6	8	2570	2726	2681	2617	77953	96016	128336	110238
2330	Processing of nuclear fuel	-	-	-	-	-	-	-	-	-	-
2411	Basic chemicals	31	27	1089	1087	907	919	16136	20051	26563	40212
2411	Basic chemicals, except fertilizers	15	15	624	654	585	583	10218	13420	15849	24418
2412	Fertilizers and nitrogen compounds	1	1	38	41	65	72	859	1305	9567	9567
2413	Plastics in primary forms; Synthetic rubber	15	11	427	392	257	264	5059	5326	3440	6228
242	Other chemicals	86	82	6280	6432	6164	4991	93489	110611	134792	136389
2421	Pesticides and other agro-chemical products	2	2	21	20	31	23	128	94	220	206
2422	Paints, varnishes, printing ink and mastics	16	17	851	1059	1106	978	11374	15474	24365	24365
2423	Pharmaceuticals, medicinal chemicals, etc.	33	32	2933	2874	2739	2486	49465	53320	55153	58264
2424	Soap, cleaning & cosmetic preparations	26	21	2081	1931	1817	1193	28166	36056	50340	35864
2429	Other chemical products n.e.c.	10	10	364	548	471	311	4356	5667	7303	7989
2430	Man-made fibres	-	1	-	-	27	24	-	311	311	257
251	Rubber products	15	14	1178	1194	1184	1058	18890	22197	20296	27555
2511	Rubber tyres and tubes	6	6	877	888	911	820	18151	21303	19355	26513
2519	Other rubber products	9	8	301	306	273	238	739	941	1042	1042
2520	Plastic products	89	94	5811	5740	6589	5821	41804	58455	82288	100850
2610	Glass and glass products	11	9	500	833	425	329	5501	9816	6277	7510
269	Non-metallic mineral products n.e.c.	104	100	5404	5461	6454	5100	64797	105485	141971	159415
2691	Pottery, china and earthenware	13	13	784	871	868	923	5613	5816	6367	14193
2692	Refractory ceramic products	1	1	20	21	16	20	37	40	98	201
2693	Struct. non-refractory clay; ceramic products	14	16	845	866	1071	1102	4252	5932	9151	12258
2694	Cement, lime and plaster	6	7	1316	1436	2447	1284	34931	42582	60893	108934
2695	Articles of concrete, cement and plaster	61	56	2232	2057	1857	1595	19124	19176	22050	21432
2696	Cutting, shaping & finishing of stone	8	8	174	165	162	133	507	849	977	977
2699	Other non-metallic mineral products n.e.c.	1	2	33	29	43	43	333	482	860	1419
2710	Basic iron and steel	13	11	1371	1499	1788	1521	16138	21147	27713	29390
2720	Basic precious and non-ferrous metals	7	7	605	595	586	594	7533	6015	8195	9206
273	Casting of metals	2	2	66	61	47	51	170	170	164	297
2731	Casting of iron and steel	2	2	66	61	47	51	173	170	164	297
2732	Casting of non-ferrous metals	-	-	-	-	-	-	-	-	-	-
281	Struct. metal products; tanks; steam generators	55	46	1855	2023	1403	1141	12824	30726	12920	14153
2811	Structural metal products	45	38	1522	1631	1135	885	10928	28389	10039	11019
2812	Tanks, reservoirs and containers of metal	10	8	343	392	268	256	1896	2337	2881	3134
2813	Steam generators	-	-	-	-	-	-	-	-	-	-
289	Other metal products; metal working services	47	34	2458	2834	2766	2475	32300	41071	53404	69190
2891	Metal forging/pressing/stamping/roll-forming	1	1	13	-	8	14	44	-	17	144
2892	Treatment & coating of metals	1	1	11	15	15	12	40	92	122	100
2893	Cutlery, hand tools and general hardware	9	4	308	238	167	164	1397	1281	970	2038
2899	Other fabricated metal products n.e.c.	36	28	2126	2581	2576	2285	30819	39698	52295	66908
291	General purpose machinery	24	22	1813	1741	1023	951	11524	14926	11379	14669
2911	Engines & turbines (not for transport equip.)	2	2	34	31	34	31	105	213	213	256
2912	Pumps, compressors, taps and valves	7	5	346	400	409	426	2338	1788	2003	9006
2913	Bearings, gears, gearing & driving elements	5	4	240	201	189	171	837	920	1268	1517
2914	Ovens, furnaces and furnace burners	1	2	132	172	101	184	2170	3205	4265	2632
2915	Lifting and handling equipment	9	6	1061	1037	290	139	6074	8860	3630	1257
2919	Other general purpose machinery	12	9	318	287	202	185	1399	1827	1874	2010
292	Special purpose machinery	1	1	11	-	-	12	18	-	-	79
2921	Agricultural and forestry machinery	4	5	179	187	132	108	1043	1411	1436	1346
2922	Machine tools	-	-	-	-	-	-	-	-	-	-
2923	Machinery for metallurgy	2	2	27	-	-	-	40	-	-	-
2924	Machinery for mining & construction	3	3	44	49	50	46	208	306	369	507
2925	Food/beverage/tobacco processing machinery	1	1	23	21	20	19	33	-	-	-
2926	Machinery for textile, apparel and leather	1	1	34	30	-	-	57	69	-	76
2927	Weapons and ammunition	1	1	34	30	-	-	57	69	-	76
2929	Other special purpose machinery	7	10	995	1630	2075	2140	10339	13834	26167	27208
2930	Domestic appliances n.e.c.	-	-	-	-	-	-	-	-	-	-

continued

Ecuador

ISIC Industry	Number of establishments (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million SUCEDES)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
3000 Office, accounting and computing machinery		-	-	-	-		-	-	-	-		-	-	-	-
3100 Electric motors, generators and transformers		5	4	4	3		194	192	143	168		890	1078	1264	1368
3120 Electricity distribution & control apparatus		6	6	6	7		214	234	282	282		1671	2315	4090	5233
3130 Insulated wire and cable		6	6	6	6		531	510	523	523		5026	6068	8722	8115
3140 Accumulators, primary cells and batteries		5	4	4	4		155	185	159	171		1255	1706	2012	2847
3150 Lighting equipment and electric lamps		3	4	4	2		58	77	33	33		1110	1402	2208	7840
3190 Other electrical equipment n.e.c.		2	2	1	1		34	49	20	13		214	322	398	176
3200 Electronic valves, tubes, etc.		-	-	-	-		-	-	-	-		-	-	-	-
3220 TV/radio transmitters; line comm. apparatus		1	1	1	1		90	80	61	61		93	98	125	494
3230 TV and radio receivers and associated goods		4	2	2	2		69	35	33	28		487	165	157	175
3300 Medical, measuring, testing appliances, etc.		3	1	2	2		54	12	35	37		350	41	238	284
3310 Medical, surgical and orthopaedic equipment		3	1	2	2		54	12	35	37		350	41	238	284
3312 Measuring/testing/navigating appliances, etc.		-	-	-	-		-	-	-	-		-	-	-	-
3313 Industrial process control equipment		-	-	-	-		-	-	-	-		-	-	-	-
3320 Optical instruments & photographic equipment		1	1	2	2		31	30	62	50		62	118	339	402
3330 Watches and clocks		-	-	-	-		-	-	-	-		-	-	-	-
3400 Motor vehicles		4	4	3	3		1268	1178	1199	724		17096	20407	26952	35359
3420 Automobile bodies, trailers & semi-trailers		27	25	26	20		676	758	840	539		3095	2965	3974	3555
3430 Parts/accessories for automobiles		18	17	15	16		653	674	594	514		2658	3341	4584	5070
3500 Building and repairing of ships and boats		5	3	4	4		537	520	514	460		3145	6902	9485	14203
3510 Building and repairing of ships		5	3	4	4		537	520	514	460		3145	6902	9485	14203
3512 Building/repairing of pleasure/sport. boats		-	-	-	-		-	-	-	-		-	-	-	-
3520 Railway/tramway locomotives & rolling stock		-	-	-	-		-	-	-	-		-	-	-	-
3530 Aircraft and spacecraft		-	-	-	-		-	-	-	-		-	-	-	-
3590 Transport equipment n.e.c.		2	2	1	1		32	46	22	47		86	142	114	369
3591 Motorcycles		1	1	-	-		20	20	-	-		47	61	-	-
3592 Bicycles and invalid carriages		-	-	-	-		-	-	-	-		-	-	-	-
3599 Other transport equipment n.e.c.		1	1	1	1		12	26	22	47		39	81	114	369
3600 Furniture		107	100	104	88		3514	3785	3596	3223		23092	29286	34089	40381
3690 Manufacturing n.e.c.		41	35	35	33		1573	1382	1510	1288		5495	6476	9371	14269
3691 Jewellery and related articles		10	10	10	8		426	432	464	335		1605	1858	2139	2366
3692 Musical instruments		-	-	-	-		-	-	-	-		-	-	-	-
3693 Sports goods		1	1	-	-		11	11	-	-		39	40	-	-
3694 Games and toys		8	7	7	7		362	317	330	319		1054	1200	1369	2162
3699 Other manufacturing n.e.c.		22	17	18	18		774	622	716	634		2797	3378	5863	9741
3700 Recycling of metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
3720 Recycling of non-metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
D Total manufacturing		1695	1648	1619	1502		115604	124089	130558	118321		1053056	1418352	2039175	2830064

Ecuador

ISIC Industry	Output in producers' prices (million SUCEDES)				Value added in producers' prices (million SUCEDES)				Gross fixed capital formation (million SUCEDES)			
	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999
	Note				Note				Note			
ISIC Industry												
151 Processed meat, fish, fruit, vegetables, fats	4417093	7092268	11492066	19028034	780447	1018945	1943917	2552580	1121749	1018945	1943917	2552580
1511 Processing/preserving of meat	552794	672248	1264580	2144846	95062	67887	177312	285484	216410	67887	177312	285484
1512 Processing/preserving of fish	2663389	4808904	7622924	11856631	423645	597516	1195634	1438958	639058	597516	1195634	1438958
1513 Processing/preserving of fruit & vegetables	165981	316495	658022	1242092	49827	79893	244122	195821	52739	79893	244122	195821
1514 Vegetable and animal oils and fats	1028929	1301621	1946540	3785465	211913	271649	326849	632316	213542	271649	326849	632316
1520 Dairy products	499870	708423	1087209	1745562	121610	175602	215111	316966	104194	175602	215111	316966
1520 Dairy products	1064670	1388816	1559679	2480738	149381	207626	277184	494576	94576	207626	277184	494576
1521 Grain mill products	797069	885305	989041	1785736	109170	147978	187592	261957	93351	147978	187592	261957
1521 Grain mill products	1820	22525	561	20063	561	20063	174	55	55	20063	174	55
153 Starches and starch products	265781	480985	569297	695002	39650	39685	89418	49288	1170	39685	89418	49288
1533 Prepared animal feeds	1374946	1396809	3165775	5578129	314727	302129	1057237	1498462	686201	302129	1057237	1498462
154 Other food products	341511	190336	274199	511358	94675	43780	768307	853061	412036	43780	768307	853061
1541 Bakery products	433236	249566	1491089	2346330	17355	5877	768307	853061	156259	5877	768307	853061
1542 Sugar	235749	512106	482629	1216952	15299	116098	-28560	136591	156259	116098	-28560	136591
1543 Cocoa, chocolate and sugar confectionery	85198	118753	254293	356698	15671	20936	85323	108604	32680	20936	85323	108604
1544 Macaroni, noodles & similar products	278252	325998	653585	1146190	71727	20936	156300	282984	85242	20936	156300	282984
1549 Other food products n.e.c.	965349	5410937	3163778	3765534	413729	4872927	2101574	2625464	223447	4872927	2101574	2625464
155 Beverages	147087	184890	246604	426955	50698	59185	74114	118102	26011	59185	74114	118102
1551 Distilling, rectifying & blending of spirits	598	997	997	17335	237	333	333	7545	41	333	333	7545
1552 Malt liquors and malt	389956	4663589	1955568	2579596	236571	4435654	1639913	2288940	44884	4435654	1639913	2288940
1553 Malt liquors and malt	427708	562458	960609	741749	126223	178088	387214	211877	152593	178088	387214	211877
1554 Soft drinks, mineral waters												
1600 Tobacco products	65799	77290	117657	228494	18873	21823	36362	56266	34463	21823	36362	56266
171 Spinning, weaving and finishing of textiles	679784	894770	1209593	1953505	215697	257337	418672	610124	141496	257337	418672	610124
1711 Textile fibre preparation; textile weaving	679784	894770	1209593	1953505	215697	257337	418672	610124	141496	257337	418672	610124
172 Finishing of textiles												
1721 Made-up textile articles, except apparel	79630	129777	182816	282267	31373	59177	76865	42765	58471	59177	76865	42765
1722 Carpets and rugs	62520	101204	19627	247063	26033	49361	64412	67605	51005	49361	64412	67605
1723 Cordage, rope, twine and netting	13668	24410	24949	19039	4346	8474	10065	-30108	4183	8474	10065	-30108
1729 Other textiles n.e.c.	1436	1285	1415	1224	459	395	376	4922	342	395	376	4922
1730 Knitted and crocheted fabrics and articles	2006	2878	6825	14941	535	947	2012	454	454	947	2012	454
1810 Wearing apparel, except fur apparel	154830	205997	235648	465872	58299	80804	65686	129892	38473	80804	65686	129892
1820 Dressing & dyeing of fur; processing of fur	142935	194826	296208	501245	52390	70318	102198	137087	25584	70318	102198	137087
191 Tanning, dressing and processing of leather	42270	60766	71827	106410	12127	20485	25392	31473	4797	20485	25392	31473
1911 Tanning and dressing of leather	41159	59060	69645	104201	11502	19774	24450	30741	4691	19774	24450	30741
1912 Luggage, handbags, etc.; saddlery & harness	1111	1705	2182	2208	625	711	942	733	106	711	942	733
1920 Footwear	193624	266436	292814	517923	66151	88958	97961	148827	10566	88958	97961	148827
2010 Sawmilling and planing of wood	57510	72759	112285	260173	24838	23728	31787	70169	11856	23728	31787	70169
202 Products of wood, cork, straw, etc.	188659	342290	465013	914445	66042	131189	184970	352027	83149	131189	184970	352027
2021 Veneer sheets, plywood, particle board, etc.	149486	291410	433214	863475	53838	110723	173717	332229	77891	110723	173717	332229
2022 Builders' carpentry and joinery	36170	47747	25088	46208	10957	19355	9637	16889	4983	19355	9637	16889
2023 Wooden containers	414	479	2769	665	67	85	397	227	2	85	397	227
2029 Other wood products; articles of cork/straw	2589	2654	3942	4097	1180	1006	1319	1681	277	1006	1319	1681
210 Paper and paper products	1340680	1662632	2075962	5070184	255375	305484	379941	957773	256292	305484	379941	957773
2101 Pulp, paper and paperboard	204777	262757	337804	7871	74724	89160	40970	40970	40368	89160	40970	40970
2102 Corrugated paper and paperboard	932544	1146278	1600855	3338546	140074	165515	280814	298035	156710	165515	280814	298035
2109 Other articles of paper and paperboard	204059	253597	337303	1400836	40577	50809	91256	618767	59214	50809	91256	618767
221 Publishing of books and other publications	395595	462636	639025	811301	120271	136702	193795	207684	84405	136702	193795	207684
2211 Publishing of newspapers, journals, etc.	10054	23434	19357	25583	4277	11745	8253	8727	1305	11745	8253	8727
2212 Publishing of recorded media	385541	439192	619668	785719	115994	124956	185542	198957	83100	124956	185542	198957
2219 Other publishing												

continued

Ecuador

ISIC Industry	Output in producers' prices (million SUDES)				Value added in producers' prices (million SUDES)				Gross fixed capital formation (million SUDES)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
222 Printing and related service activities		99900	144925	273309	385282		32671	52936	81542	86965
2221 Printing		91667	130113	254717	339013		30356	48176	73354	69667
2222 Service activities related to printing		8233	14812	18592	46269		2315	4760	4188	17298
2230 Reproduction of recorded media		1327	-	-	-		809	-	-	-
2310 Coke oven products		3668759	4659498	15902949	7419883		2226740	3417326	14320504	4869273
2320 Refined petroleum products		-	-	-	-		-	-	-	-
2330 Processing of nuclear fuel		-	-	-	-		-	-	-	-
241 Basic chemicals		381258	470837	545415	1183528		137351	96616	104450	175509
2411 Basic chemicals, except fertilizers		143106	165894	204850	487622		52711	46688	62460	110419
2412 Fertilizers and nitrogen compounds		145036	167939	250859	504115		58018	18057	17593	19777
2413 Plastics in primary forms; synthetic rubber		93116	137004	89706	191790		26622	31871	24397	45312
242 Other chemicals		1243110	1894507	2384614	2848057		308014	669546	639190	605535
2421 Pesticides and other agro-chemical products		2817	3969	5585	9847		1392	1850	2282	4442
2422 Paints, varnishes, printing ink and mastics		249144	338065	493689	724689		68320	106970	102238	92647
2423 Pharmaceuticals, medicinal chemicals, etc.		414180	628513	534387	957012		116122	243419	73114	283796
2424 Soap, cleaning & cosmetic preparations		503385	790701	1187242	996962		258951	396891	328094	238094
2429 Other chemical products n.e.c.		73604	-	163711	179546		20337	58356	69666	-13443
2430 Man-made fibres		-	-	3946	5039		-	-	1091	-128
251 Rubber products		265722	366481	423355	784428		73021	103135	88594	145281
2511 Rubber tyres and tubes		257424	355664	408469	759078		70055	98847	83109	138393
2519 Other rubber products		8298	10817	14886	25350		2966	4288	5485	6888
2520 Plastic products		754831	1124459	1719100	2415091		239365	375748	616268	571465
2510 Glass and glass products		132971	127476	191827	312908		63689	45681	82368	95437
259 Non-metallic mineral products n.e.c.		1064174	1423557	2050877	3450027		389459	509849	786400	1215112
2691 Pottery, china and earthenware		69142	108455	162649	349663		20963	31570	35803	93936
2692 Refractory ceramic products		424	318	682	1476		-	297	297	544
2693 Structural non-refractory clay; ceramic products		103164	141049	227807	396479		39384	37781	48445	29276
2694 Cement, lime and plaster		631694	912010	1340994	2246223		255128	366113	610200	961816
2695 Articles of concrete, cement and plaster		250120	246420	296992	419188		70108	67742	84944	111075
2696 Cutting, shaping & finishing of stone		3842	5097	7829	10889		1773	2322	4271	4698
2699 Other non-metallic mineral products n.e.c.		5788	10208	13854	26119		1919	4351	5440	13817
2710 Basic iron and steel		568820	876980	1150408	1396530		85805	288259	199085	105518
2720 Basic precious and non-ferrous metals		132253	198640	272721	325270		26179	45486	66181	19856
273 Casting of metals		948	1212	1658	3962		431	426	157	2279
2731 Casting of iron and steel		948	1212	1658	3962		-	-	-	-
2732 Casting of non-ferrous metals		-	-	-	-		-	-	-	-
281 Structural metal products; tanks; steam generators		144276	252079	204277	384046		44747	90937	61641	61104
2811 Structural metal products		114146	217073	168042	333911		37826	82372	48369	51834
2812 Tanks, reservoirs and containers of metal		30130	35006	36235	50135		6921	8565	13272	9270
2813 Steam generators		375472	552325	796001	1467358		96555	140430	307126	435298
289 Other metal products; metal working services		472	-	60	703		320	79	408	408
2891 Metal forging/pressing/stamping/roll-forming		468	631	669	592		267	233	312	233
2892 Treatment & coating of metals		13715	12149	14589	23795		5881	4662	7357	10075
2893 Cutlery, hand tools and general hardware		360817	539545	780683	1442268		90146	135501	299536	424582
2899 Other fabricated metal products n.e.c.		-	-	-	-		-	-	-	-
291 General purpose machinery		156475	276922	157938	249512		42333	68973	32558	-16312
2911 Engines & turbines (not for transport equip.)		962	1646	1585	475		722	722	803	946
2912 Pumps, compressors, taps and valves		34486	53564	78025	169312		11366	14653	8421	-38877
2913 Bearings, gears, gearing & driving elements		6637	8126	9274	14990		-	-	-	-
2914 Ovens, furnaces and furnace burners		7477	12772	25166	44352		3356	3913	3824	6538
2915 Lifting and handling equipment		106913	200814	42888	18666		23470	43924	10898	5687
2919 Other general purpose machinery		-	-	-	-		-	-	-	-

292 Special purpose machinery	11126	22541	25911	33153	3193	9299	7563	-1899	10469	26
2921 Agricultural and forestry machinery	139	-	-	1544	79	-	-	319	-	710
2922 Machine tools	8171	18963	23106	27498	1788	7750	6131	-3623	10292	-592
2923 Machinery for metallurgy	234	-	-	-	173	-	-	-	-	-
2924 Machinery for mining & construction	1751	2441	2389	3659	710	1084	1161	1135	45	-217
2925 Food/beverage/tobacco processing machinery	-	-	-	-	-	-	-	-	-	-
2926 Machinery for textile, apparel and leather	211	298	416	442	154	190	271	269	132	124
2927 Weapons and ammunition	520	839	-	-	289	275	-	-	-	-
2929 Other special purpose machinery	171267	237392	473206	749981	51307	58500	115940	104925	625659	101754
2930 Domestic appliances n.e.c.	-	-	-	-	-	-	-	-	-	-
3000 Office, accounting and computing machinery	-	-	-	-	-	-	-	-	-	-
3110 Electric motors, generators and transformers	22700	23369	30447	45127	5426	6132	6992	11279	3342	11421
3120 Electricity distribution & control apparatus	14507	21593	39087	67497	5239	6725	12782	26367	8972	10806
3130 Insulated wire and cable	187741	197264	287878	224155	71731	58407	82548	-27977	11335	83926
3140 Accumulators, primary cells and batteries	33179	39681	41606	80984	6068	7313	6873	16001	3944	21276
3150 Lighting equipment and electric lamps	22295	23664	51140	102346	4011	597	1977	48282	6677	-1584
3190 Other electrical equipment n.e.c.	6264	7775	7048	1211	1105	1326	1589	471	613	60
3210 Electronic valves, tubes, etc.	-	-	-	-	-	-	-	-	-	-
3220 TV/radio transmitters; line comm. apparatus	560	607	890	6530	334	411	600	2756	67	1993
3230 TV and radio receivers and associated goods	3208	1122	1241	1407	975	357	500	476	446	75
331 Medical, measuring, testing appliances, etc.	3419	1238	3630	5279	1152	775	1286	2179	17	-236
3311 Medical, surgical and orthopaedic equipment	3419	1238	3630	5279	1152	775	1286	2179	17	-236
3312 Measuring/testing/navigating appliances, etc.	-	-	-	-	-	-	-	-	-	-
3313 Industrial process control equipment	-	-	-	-	-	-	-	-	-	-
3320 Optical instruments & photographic equipment	878	1008	3749	4182	618	640	758	1958	832	3338
3330 Watches and clocks	-	-	-	-	-	-	-	-	-	-
3410 Motor vehicles	715447	1214738	1669992	1362694	77001	187115	390205	250815	56812	680036
3420 Automobile bodies, trailers & semi-trailers	23340	30380	46629	45035	7270	9211	14098	16894	8419	7605
3430 Parts/accessories for automobiles	26917	51060	92523	96312	3971	16033	40456	34068	9730	17023
351 Building and repairing of ships and boats	22312	23642	32614	54981	8320	11131	17452	26367	1324	51859
3511 Building and repairing of ships	22312	23642	32614	54981	8320	11131	17452	26367	1324	51859
3512 Building/repairing of pleasure/sport. boats	-	-	-	-	-	-	-	-	-	-
3520 Railway/tramway locomotives & rolling stock	-	-	-	-	-	-	-	-	-	-
3530 Aircraft and spacecraft	3435	4640	1660	3604	1504	2224	531	1289	95	141
359 Transport equipment n.e.c.	2859	3737	-	-	1258	1647	-	-	-	-
3591 Motorcycles	-	-	-	-	-	-	-	-	-	-
3592 Bicycles and invalid carriages	576	903	1660	3604	246	577	531	1289	95	141
3599 Other transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3610 Furniture	195052	287281	402267	935019	64240	92852	127730	282068	31719	40930
369 Manufacturing n.e.c.	76535	85518	136660	226197	28846	35023	56753	72316	24389	36210
3691 Jewellery and related articles	12493	16602	27107	49431	5726	7228	12485	20447	5104	5455
3692 Musical instruments	-	-	-	-	-	-	-	-	-	-
3693 Sports goods	377	181	-	-	141	112	-	-	-	-
3694 Games and toys	13836	14055	18433	42367	3840	4622	6507	13717	2064	5087
3699 Other manufacturing n.e.c.	49829	58660	91120	138399	16139	23061	37761	38152	17221	25668
3710 Recycling of metal waste and scrap	-	-	-	-	-	-	-	-	-	-
3720 Recycling of non-metal waste and scrap	-	-	-	-	-	-	-	-	-	-
D Total manufacturing	22193732	35024587	55594955	70396505	6807810	13981280	25492728	19292501	5358759	9819253

Ecuador

ISIC Industry	Index numbers of industrial production (1990=100)												
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	Note												
15 Food and beverages
16 Tobacco products	107	107	100	97	101	106	88	95	95	95	97	94	
17 Textiles	93	96	100	99	88	77	81	83	83	85	83	78	
18 Wearing apparel, fur	...	...	...	...	...	...	...	...	...	...	...	...
19 Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)	86	89	100	113	132	156	163	190	195	200	198	196	
21 Paper and paper products	83	92	100	115	105	118	135	150	155	159	157	159	
22 Printing and publishing	79	91	100	123	137	146	182	209	214	218	215	213	
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	95	96	100	114	133	148	186	191	188	190	192	126	
29 Machinery and equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
30 Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus	101	92	100	117	137	146	191	210	209	208	210	138	
32 Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers	55	93	100	123	134	138	173	183	185	190	191	126	
35 Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture; manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37 Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing	89	93	100	113	118	121	135	142	145	148	149	142	

a/ 31 includes 32.

b/ 34 includes 35.

ESTONIA

<p>Supplier of information: Statistical Office of Estonia, Tallinn.</p> <p>Basic source of data: 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>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Not reported.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications: National Accounts in Estonia, published by the Statistical Office of Estonia, Tallinn.</p>
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Estonia

ISIC Industry	Number of establishments (numbers)			Number of employees (thousands)			Wages and salaries paid to employees (million KROON)			
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		147	184	195	236		30.3a/	29.1a/	...	...
1511 Processing/preserving of meat		71	93	83	109		...	...	...	...
1512 Processing/preserving of fish		57	71	83	104		...	...	...	...
1513 Processing/preserving of fruit & vegetables		15	17	16	18		...	...	...	...
1514 Vegetable and animal oils and fats		4	3	4	5		...	...	...	...
1520 Dairy products		38	47	41	43		...a/	...a/	...	...
153 Grain mill products; starches; animal feeds		44	50	50	53		...a/	...a/	...	...
1531 Grain mill products		20	25	29	29		...	...	...	...
1532 Starches and starch products		5	4	3	4		...	...	...	...
1533 Prepared animal feeds		19	21	18	20		...	...	...	...
154 Other food products		154	211	198	247		...a/	...a/	...	...
1541 Bakery products		124	158	154	188		...	...	...	...
1542 Sugar		-	1	-	-		...	...	...	...
1543 Cocoa, chocolate and sugar confectionery		10	12	9	10		...	...	...	...
1544 Macaroni, noodles & similar products		2	2	1	1		...	...	...	...
1549 Other food products n.e.c.		20	38	34	48		...	...	...	...
155 Beverages		33	40	44	48		...a/	...a/	...	...
1551 Distilling, rectifying & blending of spirits		7	8	7	8		...	...	...	...
1552 Wines		6	6	6	8		...	...	...	...
1553 Malt liquors and malt		12	13	14	15		...	...	...	...
1554 Soft drinks; mineral waters		8	13	15	17		...	...	...	...
1600 Tobacco products		1	-	-	-		...	...	...	...
171 Spinning, weaving and finishing of textiles		32	33	25	28		11.2b/	8.6b/	...	...
1711 Textile fibre preparation; textile weaving		27	27	21	24		...	...	...	...
1712 Finishing of textiles		5	6	4	4		...	...	...	...
172 Other textiles		88	106	90	107		...b/	...b/	...	...
1721 Made-up textile articles, except apparel		51	68	57	73		...	...	...	...
1722 Carpets and rugs		22	15	15	14		...	...	...	...
1723 Cordage, rope, twine and netting		9	12	8	7		...	...	...	...
1729 Other textiles n.e.c.		6	11	10	13		...b/	...b/	...	...
1730 Knitted and crocheted fabrics and articles		84	96	85	98		...	...	...	...
1810 Wearing apparel, except fur apparel		412	480	416	485		15.1c/	15.6c/	...	...
1820 Dressing & dyeing of fur; processing of fur		21	23	18	23		...c/	...c/	...	...
191 Tanning, dressing and processing of leather		57	52	49	48		...	4.2d/	...	...
1911 Tanning and dressing of leather		5	5	7	8		...	...	...	...
1912 Luggage, handbags, etc.; saddlery & harness		52	45	42	40		...	...d/	...	...
1920 Footwear		37	38	26	28		...	...	...	...
2010 Sawmilling and planing of wood		481	548	478	565		16.7e/	19.9e/	...	...
202 Products of wood, cork, straw, etc.		371	426	351	420		...e/	...e/	...	...
2021 Veneer sheets, plywood, particle board, etc.		12	14	10	11		...	...	...	...
2022 Builders' carpentry and joinery		241	270	227	269		...	...	...	...
2023 Wooden containers		11	15	17	22		...	...	...	...
2029 Other wood products; articles of cork/straw		107	127	97	118		...	...	...	...
210 Paper and paper products		44	46	36	41		...	...	...	...
2101 Pulp, paper and paperboard		7	3	4	4		...	...	...	...
2102 Corrugated paper and paperboard		15	20	16	17		...	...	...	...
2109 Other articles of paper and paperboard		22	23	16	20		...	...	...	...
221 Publishing		307	372	294	325		...	3.5f/	...	...
2211 Publishing of books and other publications		141	174	145	175		...	...	...	...
2212 Publishing of newspapers, journals, etc.		140	154	104	104		...	...	...	...
2213 Publishing of recorded media		4	8	8	9	
2219 Other publishing		22	36	37	37	

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ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)			Note	(thousands)			Note	(million KROON)					
		1996	1997	1998		1999	1996	1997		1998	1999				
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
3000 Office, accounting and computing machinery		8	15	15	25		...	...	...	...		...	...	...	...
3110 Electric motors, generators and transformers		30	28	23	21		...	...	...	...		...	...	...	...
3120 Electricity distribution & control apparatus		25	26	17	19		...	...	...	...		...	...	...	...
3130 Insulated wire and cable		5	3	4	4		...	...	...	...		...	...	...	...
3140 Accumulators, primary cells and batteries		7	2	2	2		...	...	...	...		...	...	...	...
3150 Lighting equipment and electric lamps		1	8	7	10		...	...	...	...		...	...	...	...
3190 Other electrical equipment n.e.c.		54	40	26	25		...	...	...	...		...	...	...	...
3210 Electronic valves, tubes, etc.		41	53	44	44		...	...	...	...		...	...	...	...
3220 TV/radio transmitters; line comm. apparatus		3	7	4	4		...	...	...	...		...	...	...	...
3230 TV and radio receivers and associated goods		81	74	44	42		...	...	...	...		...	...	...	...
331 Medical, measuring, testing appliances, etc.		78	87	75	87		...	...	...	...		...	...	...	...
3311 Medical, surgical and orthopaedic equipment		27	33	27	27		...	...	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		39	42	36	38		...	...	...	...		...	...	...	...
3313 Industrial process control equipment		12	12	12	12		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		19	11	6	10		...	...	...	...		...	...	...	...
3330 Watches and clocks		1	2	1	1		...	...	...	...		...	...	...	...
3410 Motor vehicles		17	15	14	12		...	...	...	...		...	...	...	...
3420 Automobile bodies, trailers & semi-trailers		4	6	7	6		...	...	...	...		...	...	...	...
3430 Parts/accessories for automobiles		11	10	10	10		...	...	...	...		...	...	...	...
351 Building and repairing of ships and boats		52	56	58	79		...	...	...	...		...	...	...	...
3511 Building and repairing of ships		34	36	39	58		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		18	20	19	21		...	...	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		2	1	2	2		...	...	...	...		...	...	...	...
3530 Aircraft and spacecraft		1	5	3	1		...	...	...	...		...	...	...	...
359 Transport equipment n.e.c.		-	-	-	3		...	...	...	...		...	...	...	...
3591 Motorcycles		-	-	-	2		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		-	-	-	1		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		-	-	-	1		...	...	...	...		...	...	...	...
3610 Furniture		210	282	266	323		...	...	...	...		...	...	...	...
369 Manufacturing n.e.c.		207	213	170	215		...	...	...	...		...	...	...	...
3691 Jewellery and related articles		25	39	35	51		...	...	...	...		...	...	...	...
3692 Musical instruments		3	5	6	4		...	...	...	...		...	...	...	...
3693 Sports goods		16	16	16	18		...	...	...	...		...	...	...	...
3694 Games and toys		14	14	12	12		...	...	...	...		...	...	...	...
3699 Other manufacturing n.e.c.		149	139	101	130		...	...	...	...		...	...	...	...
3710 Recycling of metal waste and scrap		4	7	8	10		...	...	...	...		...	...	...	...
3720 Recycling of non-metal waste and scrap		14	14	9	12		...	...	...	...		...	...	...	...
D Total manufacturing		4413	5057	4406	5220		148.6	138.3	134.2	125.7		4410.2	5237.3	5533.6	5342.8

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/ 281 includes 289.
m/ 291 includes 292 and 2930.
n/ 3110 includes 3120, 3130, 3140, 3150 and 3190.
p/ 351 includes 3520, 3530 and 359.
q/ 3610 includes 369.

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ISIC Industry	Output (million KROON)				Note	Value added (million KROON)				Note	Gross fixed capital formation (million KROON)	
	1996	1997	1998	1999		1996	1997	1998	1999		1998	1999
	ISIC Industry											
151 Processed meat, fish, fruit, vegetables, fats	2888.1	3817.3	3641.7	2762.0								
1511 Processing/preserving of meat	1236.9	1454.4	1533.1	1324.0								
1512 Processing/preserving of fish	1492.2	2054.8	1937.9	1248.0								
1513 Processing/preserving of fruit & vegetables	127.0	308.1	170.7	173.0								
1514 Vegetable and animal oils and fats	52.0	17.0		17.0								
1520 Dairy products	2259.7	2983.3	3022.1	2032.0								
153 Grain mill products; starches; animal feeds	340.9	440.6	517.6	361.0								
1531 Grain mill products	90.7	86.8	103.0	76.0								
1532 Starches and starch products	4.2	2.9	2.7									
1533 Prepared animal feeds	246.0	350.9	411.9	285.0								
154 Other food products	1384.3	1855.8	1899.5	1615.0								
1541 Bakery products	928.8	983.9	994.7	1003.0								
1542 Sugar												
1543 Cocoa, chocolate and sugar confectionery	323.0	430.8	410.5	334.0								
1544 Macaroni, noodles & similar products												
1549 Other food products n.e.c.	132.5	441.1	494.3	278.0								
155 Beverages	1566.2	1806.2	1720.6	1726.0								
1551 Distilling, rectifying & blending of spirits	686.5	831.6	662.7	503.0								
1552 Wines	34.0	26.4	85.7	103.0								
1553 Malt liquors and malt	410.9	457.3	566.6	707.0								
1554 Soft drinks; mineral waters	434.8	490.9	405.6	412.0								
1600 Tobacco products	...											
171 Spinning, weaving and finishing of textiles	1471.5	1654.2	1806.9	1583.0								
1711 Textile fibre preparation; textile weaving	1363.2	1502.0	1647.5	1446.0								
1712 Finishing of textiles	108.3	152.2	159.4	137.0								
172 Other textiles	520.7	737.0	789.2	866.0								
1721 Made-up textile articles, except apparel	366.9	523.0	562.3	584.0								
1722 Carpets and rugs	132.4	172.5	186.7	226.0								
1723 Cordage, rope, twine and netting	11.4	16.1	5.9	8.0								
1729 Other textiles n.e.c.	10.0	25.4	44.3	48.0								
1730 Knitted and crocheted fabrics and articles	159.6	195.2	191.9	87.0								
1810 Wearing apparel, except fur apparel	1082.2	1383.2	1547.2	1659.0								
1820 Dressing & dyeing of fur; processing of fur	10.3	7.6	14.9	22.0								
191 Tanning, dressing and processing of leather	86.9	97.4	110.8	100.0								
1911 Tanning and dressing of leather	49.7	64.3	60.2	53.0								
1912 Luggage, handbags, etc.; saddlery & harness	37.2	33.1	50.6	47.0								
1920 Footwear	262.6	330.9	403.0	473.0								
2010 Sawmilling and planing of wood	900.4	1667.6	2046.2	2529.0								
202 Products of wood, cork, straw, etc.	1153.4	1679.9	1973.5	2174.0								
2021 Veneer sheets, plywood, particle board, etc.	361.6	446.0	506.4	597.0								
2022 Builders' carpentry and joinery	652.8	1017.9	1158.1	1130.0								
2023 Wooden containers			56.6	175.0								
2029 Other wood products; articles of cork/straw	125.8	193.2	252.4	272.0								
210 Paper and paper products	418.8	647.1	744.6	743.0								
2101 Pulp, paper and paperboard	161.2	292.7	335.6	364.0								
2102 Corrugated paper and paperboard	136.7	232.7	232.9	193.0								
2109 Other articles of paper and paperboard	120.9	121.7	176.1	186.0								
221 Publishing of books and other publications	741.8	707.2	1133.9	1247.0								
2212 Publishing of newspapers, journals, etc.	210.2	127.6	302.1	287.0								
2213 Publishing of recorded media	509.0	527.2	774.9	885.0								
2219 Other publishing	22.6	52.4	56.9	75.0								

continued

292 Special purpose machinery	290.2	339.6	511.3	525.0	...	...	...	...	...
2921 Agricultural and forestry machinery	171.8	150.0	167.7	171.0	...	...	...	...	...
2922 Machine tools	39.4	77.0	127.1	110.0	...	...	...	...	...
2923 Machinery for metallurgy	-	-	-	-	...	...	...	...	...
2924 Machinery for mining & construction	47.0	70.0	84.6	65.0	...	...	...	...	...
2925 Food/beverage/tobacco processing machinery	4.2	6.3	78.4	84.0	...	...	...	...	...
2926 Machinery for textile, apparel and leather	26.9	34.5	1.9	7.0	...	...	...	...	...
2927 Weapons and ammunition	0.2	11.0	45.5	85.0	...	...	...	...	...
2929 Other special purpose machinery	132.7	216.4	376.8	257.0	...	...	...	...	...
2930 Domestic appliances n.e.c.	47.1	77.0	96.6	154.0	...	...	...	...	...
3000 Office, accounting and computing machinery	314.6	382.4	242.9	263.0	...	...	...	...	...
3110 Electric motors, generators and transformers	61.0	53.7	70.0	83.0	...	...	...	...	...
3120 Electricity distribution & control apparatus	17.4	17.9	21.4	27.0	...	...	...	...	...
3130 Insulated wire and cable	40.5	24.6	84.1	149.0	...	...	...	...	...
3140 Accumulators, primary cells and batteries	70.5	142.4	103.0	151.0	...	...	...	...	...
3150 Lighting equipment and electric lamps	2.7	2.2	5.8	11.0	...	...	...	...	...
3190 Other electrical equipment n.e.c.	228.4	304.2	401.6	468.0	...	...	...	...	...
3210 Electronic valves, tubes, etc.	202.7	407.4	733.1	724.0	...	...	...	...	...
3220 TV/radio transmitters; line comm. apparatus	44.6	131.1	176.8	122.0	...	...	...	...	...
3230 TV and radio receivers and associated goods	114.6	197.4	446.4	475.0	...	...	...	...	...
3311 Medical, measuring, testing appliances, etc.	43.5	78.9	109.9	127.0	...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	...	...	...	12.0	...	...	...	...	...
3313 Industrial process control equipment	...	...	...	-	...	...	...	...	...
3320 Optical instruments & photographic equipment	...	...	...	-	...	...	...	...	...
3330 Watches and clocks	...	...	...	-	...	...	...	...	...
3410 Motor vehicles	48.6	38.8	35.9	29.0	...	...	...	...	...
3420 Automobile bodies, trailers & semi-trailers	12.3	17.8	66.3	80.0	...	...	...	...	...
3430 Parts/accessories for automobiles	448.0	626.6	494.1	561.0	...	...	...	...	...
351 Building and repairing of ships and boats	511.3	616.1	713.0	726.0	...	...	...	...	...
3511 Building and repairing of ships	507.5	601.4	690.0	694.0	...	...	...	...	...
3512 Building/repairing of pleasure/sport boats	3.8	14.7	23.0	32.0	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	15.6	3.3	3.7	6.0	...	...	...	...	...
3530 Aircraft and spacecraft	...	...	8.0	-	...	...	...	...	...
359 transport equipment n.e.c.	-	-	-	-	...	...	...	...	...
3591 Motorcycles	-	-	-	-	...	...	...	...	...
3592 Bicycles and invalid carriages	-	-	-	-	...	...	...	...	...
3599 Other transport equipment n.e.c.	-	-	-	-	...	...	...	...	...
3610 Furniture	1483.4	2288.1	2511.3	2546.0	...	...	...	...	...
369 Manufacturing n.e.c.	212.7	301.6	353.6	329.0	...	...	...	...	...
3691 Jewellery and related articles	48.1	65.5	79.8	83.0	...	...	...	...	...
3692 Musical instruments	13.9	28.1	31.6	32.0	...	...	...	...	...
3693 Sports goods	23.7	36.0	32.4	34.0	...	...	...	...	...
3694 Games and toys	2.7	6.7	14.1	12.0	...	...	...	...	...
3699 Other manufacturing n.e.c.	124.3	165.3	195.7	168.0	...	...	...	...	...
3710 Recycling of metal waste and scrap	8.9	8.2	8.5	7.0	...	...	...	...	...
3720 Recycling of non-metal waste and scrap	7.0	...	11.5	14.0	...	...	...	...	...
D Total manufacturing	25677.2	33967.6	37644.3	35320.0	7783.9	9385.0	10788.7	10359.1	4443.9

Estonia

ISIC Industry		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
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	99	100	100	92	57	47	45	46	47	56	59	58	

Note

ETHIOPIA

<p>Supplier of information: Central Statistical Authority, Ministry of Economic Development and Cooperation, Addis Ababa.</p> <p>Basic source of data: Annual survey of the manufacturing industry.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year): Fiscal year ending 7 July of the year indicated.</p> <p>Scope: Establishments with 10 or more persons engaged and using power driven machines.</p> <p>Method of enumeration: Individual sites are visited by enumerators.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: An establishment 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>Related national publications: 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 Industry	Number of establishments (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (thousand BIRR)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
151 Processed meat, fish, fruit, vegetables, fats		35	35	42	36		4668	4171	4131	4665		18975	15577	15526	20713
1511 Processing/preserving of meat	a/	7	10	10	10	a/	3003	2918	2492	2991	a/	11552	10266	8566	12575
1512 Processing/preserving of fish	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
1513 Processing/preserving of fruit & vegetables		28	25	32	26		1665	1253	1639	1674		7423	5311	6960	8138
1514 Vegetable and animal oils and fats		1	1	1	1		265	264	245	245		869	877	877	865
1520 Dairy products		20	30	43	54		2671	3028	3317	3486		14742	16810	17680	19453
153 Grain mill products; starches; animal feeds		18	26	39	50		2469	2811	3112	3296		13918	16105	16936	18748
1531 Grain mill products		2	4	4	4		202	217	205	190		824	705	744	705
1532 Starches and starch products		92	105	112	110		8144	8771	9843	10751		52628	60715	65516	75438
1533 Prepared animal feeds		79	87	89	85		2676	2748	2937	3365		9837	10166	11088	13506
154 Other food products	b/	5	7	8	9	b/	4376	4835	5689	6107	b/	38745	45485	47805	55694
1541 Bakery products		...	...	...	...		...	...	...	...		...	...	...	...
1542 Sugar		3	3	3	4		337	354	520	458		1521	2013	3314	2687
1543 Cocoa, chocolate and sugar confectionery		5	8	11	12		755	834	697	821		2525	3051	3309	3851
1544 Macaroni, noodles & similar products		26	27	26	27		7450	7595	8165	7746		48454	53563	60518	63925
1549 Other food products n.e.c.		10	11	11	10		802	853	853	744		4911	5802	6500	5854
155 Beverages		3	3	3	2		407	682	687	587		4534	4154	4405	3396
1551 Distilling, rectifying & blending of spirits		5	5	5	6		2865	2725	2844	2830		20050	23111	24546	30064
1552 Wines		8	8	8	9		3376	3327	3781	3585		18959	20496	25167	24611
1553 Malt liquors and malt		1	1	1	1		982	953	898	873		8914	12156	9034	9793
1554 Soft drinks; mineral waters		20	22	22	27		24982	24191	22211	22767		94747	90056	87518	88543
1600 Tobacco products		20	22	22	27		24982	24191	22211	22767		94747	90056	87518	88543
171 Spinning, weaving and finishing of textiles		3	2	2	2		3274	2750	2698	2669		9871	11817	11401	11181
1711 Textile fibre preparation; textile weaving		3	2	2	2		3274	2750	2698	2669		9871	11817	11401	11181
1712 Finishing of textiles		3	2	2	2		3274	2750	2698	2669		9871	11817	11401	11181
172 Other textiles		3	2	2	2		3274	2750	2698	2669		9871	11817	11401	11181
1721 Made-up textile articles, except apparel		3	2	2	2		3274	2750	2698	2669		9871	11817	11401	11181
1722 Carpets and rugs		3	2	2	2		3274	2750	2698	2669		9871	11817	11401	11181
1723 Cordage, rope, twine and netting		3	2	2	2		3274	2750	2698	2669		9871	11817	11401	11181
1729 Other textiles n.e.c.		9	10	9	7		131	274	184	223		318	675	443	542
1730 Knitted and crocheted fabrics and articles		23	26	26	28		4054	4582	4190	3845		12331	14842	15633	14586
1810 Wearing apparel, except fur apparel		8	11	11	14		3610	3969	3735	3607		30056	28864	25950	31647
1820 Dressing & dyeing of fur; processing of fur		8	11	11	14		3610	3969	3735	3607		30056	28864	25950	31647
191 Tanning, dressing and processing of leather		55	50	46	35		4138	4175	3854	3576		19119	19035	19825	21438
1911 Tanning and dressing of leather		26	23	16	16		2495	1907	1305	1200	c/d/	11582	8803	7480	7489
1912 Luggage, handbags, etc.; saddlery & harness		26	23	16	16		2495	1907	1305	1200	c/d/	11582	8803	7480	7489
1920 Footwear		26	23	16	16		2495	1907	1305	1200	d/	11582	8803	7480	7489
2010 Sawmilling and planing of wood		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863
2020 Products of wood, cork, straw, etc.		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863
2021 Veneer sheets, plywood, particle board, etc.		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863
2022 Builders' carpentry and joinery		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863
2023 Wooden containers		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863
2029 Other wood products; articles of cork/straw		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863
210 Paper and paper products		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863
2101 Pulp, paper and paperboard		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863
2102 Corrugated paper and paperboard		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863
2109 Other articles of paper and paperboard		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863
221 Publishing		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863
2211 Publishing of books and other publications		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863
2212 Publishing of newspapers, journals, etc.		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863
2213 Publishing of recorded media		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863
2219 Other publishing		5	9	8	7		1270	1462	1420	1371		7758	9705	9881	9863

Ethiopia

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees (thousand BIRR)						
	(numbers)				(numbers)				(thousand BIRR)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
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		1	1	2	2		89	90	97	98		543	500	526	529
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		11	12	10	9		681	795	861	1110		5616	7108	8389	10542
3420 Automobile bodies, trailers & semi-trailers		2	1	2	2		24	17	38	50		63	60	242	270
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		75	110	118	121		2275	3551	4136	4022		10076	14945	20349	21603
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		642	741	761	779		90039	92365	93216	93678		457003	489631	510255	551975

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

	Output in producers' prices (thousand BIRR)				Value added in producers' prices (thousand BIRR)				Gross fixed capital formation (thousand BIRR)	
	1996	1997	1998	1999	1996	1997	1998	1999	1998	1999
	Note				Note				Note	
ISIC Industry										
151 Processed meat, fish, fruit, vegetables, fats	126083	98571	137893	316076	47588	34780	44872	134578	54253	38284
1511 Processing/preserving of meat	64345	45502	52735	226630	25395	20026	26967	108668	3434	2048
1512 Processing/preserving of fish										
1513 Processing/preserving of fruit & vegetables										
1514 Vegetable and animal oils and fats										
1520 Dairy products	61738	53069	85158	89446	22193	14754	17905	25910	50819	36236
153 Grain mill products	10384	11217	12340	12436	1801	4752	5872	5998	433	296
1531 Grain mill products	335476	395225	357423	447161	82891	99370	66301	78636	4773	13493
1532 Starches and starch products	331465	391151	353504	442846	81195	97551	64634	76503	4668	13476
1533 Prepared animal feeds	4011	4074	3919	4315	1736	1819	1667	2133	105	17
154 Other food products	844802	846211	1102425	1293029	555787	562632	759032	837369	46431	36100
1541 Bakery products	160321	137510	154583	231680	47541	40007	43828	72927	31466	3916
1542 Sugar	577466	584258	765417	927516	459320	463595	629328	713822	10420	29448
1543 Cocoa, chocolate and sugar confectionery										
1549 Other food products n.e.c.	52620	45918	80034	87070	25987	23467	45460	28874	3461	1200
155 Beverages	54395	78525	102391	123919	22939	35563	40416	21746	1084	1536
1551 Distilling, rectifying & blending of spirits	863945	876408	922626	922879	619210	630463	640263	662166	77690	56175
1552 Wines	60849	67134	73330	59354	43038	51566	48165	50218	4489	2626
1553 Malt liquors and malt	30173	21104	18693	16822	20049	13960	12763	11767	474	525
1554 Soft drinks, mineral waters	508268	462756	497330	528500	379732	369709	362582	386327	41761	29944
1600 Tobacco products	264638	295414	333273	318203	176391	195228	216753	213854	30966	23080
171 Spinning, weaving and finishing of textiles	244188	240371	243776	252929	120085	181541	177383	176351	276	510
1711 Textile fibre preparation; textile weaving	627684	593341	526347	574611	234944	206932	181311	198081	32043	9470
1712 Finishing of textiles	627684	593341	526347	574611	234944	206932	181311	198081	32043	9470
172 Other textiles	68260	70258	62328	53018	31435	31332	32666	29459	1234	693
1721 Made-up textile articles, except apparel										
1722 Carpets and rugs										
1723 Cordage, rope, twine and netting	68260	70258	62328	53018	31435	31332	32666	29459	1234	693
1729 Other textiles n.e.c.										
1730 Knitted and crocheted fabrics and articles	3296	5676	3407	4221	1055	2119	1444	1806	687	157
1810 Wearing apparel, except fur apparel	71729	58201	54904	57947	32738	24586	18427	22979	2200	795
1820 Dressing & dyeing of fur; processing of fur										
191 Tanning, dressing and processing of leather	490895	483364	478300	369471	145211	181730	100373	142749	7827	16242
1911 Tanning and dressing of leather	490895	483364	478300	369471	145211	181730	100373	142749	7827	16242
1912 Luggage, handbags, etc.; saddlery & harness										
1920 Footwear	143605	164993	174187	196224	58124	67134	66982	75645	22859	22955
2010 Sawmilling and planing of wood										
202 Products of wood, cork, straw, etc.	66595	55174	40954	36502	44133	34523	24503	20588	1136	505
2021 Veneer sheets, plywood, particle board, etc.										
2022 Builders' carpentry and joinery										
2023 Wooden containers										
2029 Other wood products; articles of cork/straw	66595	55174	40954	36502	44133	34523	24503	20588	1136	505
210 Paper and paper products	122973	126316	124105	88508	46229	55713	47290	29590	11114	1565
2101 Pulp, paper and paperboard	122973	126316	124105	88508	46229	55713	47290	29590	11114	1565
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 Industry	Output in producers' prices (thousand BIRR)					Value added in producers' prices (thousand BIRR)					Gross fixed capital formation (thousand BIRR)		
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1998	1999
ISIC Industry													
221 Printing and related service activities		168591	137103	167119	199540		98995	72758	91506	105609		5355	10908
222 Printing	e/												
2222 Service activities related to printing	e/	168591	137103	167119	199540		98995	72758	91506	105609		5355	10908
2230 Reproduction of recorded media		-	-	-	-		-	-	-	-		-	-
2310 Coke oven products		-	-	-	-		-	-	-	-		-	-
2320 Refined petroleum products		-	-	-	-		-	-	-	-		-	-
2330 Processing of nuclear fuel		-	-	-	-		-	-	-	-		-	-
241 Basic chemicals		5829	29688	32101	31368		-4572	13578	17019	18165		3112	972
2411 Basic chemicals, except fertilizers		5829	29688	32101	31368		-4572	13578	17019	18165		3112	972
2412 Fertilizers and nitrogen compounds		-	-	-	-		-	-	-	-		-	-
2413 Plastics in primary forms; synthetic rubber		-	-	-	-		-	-	-	-		-	-
242 Other chemicals		311697	317693	440367	364972		107917	122413	202654	123695		48537	43965
2421 Pesticides and other agro-chemical products													
2422 Paints, varnishes, printing ink and mastics		80373	87312	103616	108676		28814	34953	44293	39807		8987	8810
2423 Pharmaceuticals, medicinal chemicals, etc.		59345	103623	188277	112450		20567	43892	106342	36265		8062	967
2424 Soap, cleaning & cosmetic preparations		161754	106631	128998	128406		52553	37137	45619	41406		30952	34185
2429 Other chemical products n.e.c.		10225	20127	19476	15440		5983	6431	6400	6217		536	3
2430 Man-made fibres		-	-	-	-		-	-	-	-		-	-
251 Rubber products		90938	143398	161080	154936		33368	54639	64045	77403		1912	4088
2511 Rubber tyres and tubes		90938	143398	161080	154936		33368	54639	64045	77403		1912	4088
2519 Other rubber products		-	-	-	-		-	-	-	-		-	-
2520 Plastic products		95323	154887	153048	185934		37217	69657	62532	80615		19467	23496
2610 Glass and glass products		22841	19543	32412	26182		14565	17026	23118	17026		2464	328
2619 Non-metallic mineral products n.e.c.		396831	524664	518551	541627		192029	266288	258151	256049		21019	31232
2691 Pottery, china and earthenware		-	-	-	-		-	-	-	-		-	-
2692 Refractory ceramic products		-	-	-	-		-	-	-	-		-	-
2693 Struct non-refractory clay; ceramic products		8662	11643	12344	12130		5668	6880	6516	6337		16892	21154
2694 Cement, lime and plaster		276798	358920	377108	383112		131926	175866	186183	177331		1809	6980
2695 Articles of concrete, cement and plaster		78157	58034	55119	75709		36891	32988	30087	36356		-	-
2696 Cutting, shaping & finishing of stone		-	-	-	-		-	-	-	-		-	-
2699 Other non-metallic mineral products n.e.c.		33214	96067	73980	70676		17544	50554	35365	36025		2318	3098
2710 Basic iron and steel		282160	303555	285751	210631		82096	92345	81607	65588		13456	16664
2720 Basic precious and non-ferrous metals		-	-	-	-		-	-	-	-		-	-
273 Casting of metals		-	-	-	-		-	-	-	-		-	-
2731 Casting of iron and steel		-	-	-	-		-	-	-	-		-	-
2732 Casting of non-ferrous metals		-	-	-	-		-	-	-	-		-	-
281 Structural metal products; tanks; steam generators		19067	14129	13085	16246		8341	6870	5246	6603		541	7701
2811 Structural metal products		19067	14129	13085	16246		8341	6870	5246	6603		541	7701
2812 Tanks, reservoirs and containers of metal		-	-	-	-		-	-	-	-		-	-
2813 Steam generators		-	-	-	-		-	-	-	-		-	-
289 Other metal products; metal working services		92081	88024	68332	71222		43930	40788	32091	35553		5173	3636
2891 Metal forging/pressing/stamping/roll-forming		-	-	-	-		-	-	-	-		-	-
2892 Treatment & coating of metals		-	-	-	-		-	-	-	-		-	-
2893 Cutlery, hand tools and general hardware		26126	20560	13400	15427		13481	8110	6404	6414		2042	1182
2899 Other fabricated metal products n.e.c.		65955	67464	54932	55795		30449	32678	25687	29139		3131	2454
291 General purpose machinery		6636	7697	1247	1204		3371	4878	608	506		58	-
2911 Engines & turbines(not for transport equip.)		-	-	-	-		-	-	-	-		-	-
2912 Pumps, compressors, taps and valves		3756	5030	-	-		2026	3259	-	-		-	-
2913 Bearings, gears, gearing & driving elements		-	-	-	-		-	-	-	-		-	-
2914 Ovens, furnaces and furnace burners		2383	1774	923	1106		1068	1032	441	438		58	-
2915 Lifting and handling equipment		-	-	-	-		-	-	-	-		-	-
2919 Other general purpose machinery		497	893	324	98		277	587	167	68		-	-

292 Special purpose machinery	1675	2342	5079	4521	1321	1155	2433	2285	232	523
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	4521	1321	1155	2433	2285	232	523
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	1624	297	811	805	586	-10	368	365	5	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	217747	134653	154874	716558	49018	41665	33498	125779	11095	16576
3420 Automobile bodies, trailers & semi-trailers	125	301	997	3548	107	202	513	3080	2990	-
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	66026	92898	117337	118023	33293	48075	61864	58167	5695	6074
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	5799106	5996198	6393206	7272328	2722813	2966902	3103972	3392445	404167	367059

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		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
ISIC Revision 3														
ISIC Industry		Note												
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	127	134	

FINLAND

<p>Supplier of information: Statistics Finland, Helsinki. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>Basic source of data: Annual structural business statistics on industry, tax authorities registers, statistics on the structure of industry and construction.</p> <p>Major deviations from ISIC (Revision 3): Data have been converted from NACE (Revision 1) to ISIC (Rev. 3).</p> <p>Reference period (if not calendar year): Fiscal year beginning 1 April of the year indicated.</p> <p>Scope: All establishments with 20 or more employees.</p> <p>Method of enumeration: Questionnaires are distributed by mail.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <u>Number of employees</u> is based on the average number of employees throughout the year. Data are not converted to full-time equivalent. <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. <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. <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. <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, fees and taxes.</p> <p>Related national publications: 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 Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	(numbers)				(numbers)				(million MARKS)						
	Note	1996	1997	1998	1999a/	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry															
151 Processed meat, fish, fruit, vegetables, fats		587	556	652	593		14810	14612	14962	14672		1921.6	1879.6	2011.5	2046.7
1511 Processing/preserving of meat		226	219	246	219		10935	11327	11496	11148		1403.7	1449.9	1537.6	1552.8
1512 Processing/preserving of fish		146	138	172	152		526	507	648	619		53.6	55.5	70.6	67.8
1513 Processing/preserving of fruit & vegetables		201	194	219	208		2515	2203	2241	2332		307.4	279.5	301.7	322.9
1514 Vegetable and animal oils and fats		14	15	15	14		834	575	576	573		156.9	94.7	101.5	103.2
1520 Dairy products		106	97	94	94		5649	5292	5806	5565		767.2	719.1	821.8	814.7
153 Grain mill products		196	185	194	172		2324	2253	2271	2001		352.4	364.9	376.0	354.6
1531 Grain mill products		97	85	92	83		519	520	569	488		75.6	77.1	82.3	75.1
1532 Starches and starch products		8	9	9	9		307	290	232	251		43.2	42.3	40.5	38.2
1533 Prepared animal feeds		91	91	93	80		1398	1443	1452	1280		233.6	245.5	253.2	241.2
154 Other food products		1181	1117	1197	1093		16957	15839	15553	15094		1951.4	1986.3	1978.9	1961.8
1541 Bakery products		1018	955	1005	927		10834	10990	11221	11284		1243.3	1257.1	1328.4	1387.2
1542 Sugar		47	47	53	40		665	579	565	266		108.3	95.8	93.7	50.7
1543 Cocoa, chocolate and sugar confectionery		4	4	4	4		2783	2441	2486	2357		352.0	343.1	365.7	338.0
1544 Macaroni, noodles & similar products		4	4	3	3		42	40	..	9		6.8	6.4	..	1.2
1549 Other food products n.e.c.		103	102	127	119		1677	1789	1283	1178		232.0	283.8	189.8	184.6
155 Beverages		76	79	89	90		3619	3513	3541	3527		574.1	575.0	598.9	611.3
1551 Distilling, rectifying & blending of spirits		5	5	24	30		..	..	25	33		..	..	3.0	2.9
1552 Wines		35	33	35	32		..	..	..	..		..	..	..	..
1553 Malt liquors and malt		22	24	25	23		2054	2008	2038	2117		299.5	317.3	332.8	363.8
1554 Soft drinks; mineral waters		125.6
1600 Tobacco products		4	4	5	3		761	723	682	389		119.8	117.8	122.9	67.8
171 Spinning, weaving and finishing of textiles		195	183	201	191		1189	1164	1101	994		129.1	125.8	128.7	117.5
1711 Textile fibre preparation; textile weaving		68	64	63	64		661	652	602	435		70.0	69.6	70.4	52.2
1712 Finishing of textiles		127	119	133	127		528	512	499	559		59.1	56.2	58.4	65.3
172 Other textiles		683	650	720	695		3478	3603	3731	3507		439.5	463.0	499.2	502.5
1721 Made-up textile articles, except apparel		300	289	319	307		938	923	926	978		99.3	93.6	106.8	113.9
1722 Carpets and rugs		204	189	191	176		174	161	189	186		15.0	14.7	17.1	19.0
1723 Carpets, rope, twine and netting		20	18	20	20		142	134	128	110		11.5	12.8	13.4	11.6
1729 Other textiles n.e.c.		159	154	190	192		1773	1926	2488	2233		252.7	278.9	361.9	368.0
1730 Knitted and crocheted fabrics and articles		183	188	210	187		1917	1771	1719	1632		183.9	183.1	186.0	175.5
1810 Wearing apparel, except fur apparel		1223	1203	1352	1277		7007	7071	7034	6379		682.8	696.7	722.9	693.0
1820 Dressing & dyeing of fur; processing of fur		129	122	128	117		327	301	339	248		36.2	36.1	38.4	29.6
191 Tanning, dressing and processing of leather		285	279	288	254		783	707	665	597		78.7	64.7	65.4	65.2
1911 Tanning and dressing of leather		19	19	17	16		358	299	237	225		41.3	25.7	24.8	27.1
1912 Luggage, handbags, etc.; saddlery & harness		266	260	271	238		425	408	429	372		219.5	214.7	236.9	239.6
1920 Footwear		102	96	109	97		2298	2093	2251	2223		..	..	..	..
2010 Sawmilling and planing of wood		1284	1267	1340	1255		9599	9548	10135	10063		1195.2	1249.5	1388.0	1405.0
202 Products of wood, cork, straw, etc.		1774	1712	1834	1725		15387	16744	17506	17805		1898.3	2055.1	2226.0	2317.6
2021 Veneer sheets, plywood, particle board, etc.		81	76	78	51		6754	6787	6684	6580		855.6	896.1	920.5	913.7
2022 Builders' carpentry and joinery		1102	1073	1087	1049		7767	8585	9125	9565		877.5	994.1	1100.0	1206.2
2023 Wooden containers		215	201	218	205		854	850	1029	974		107.2	110.0	130.3	117.7
2029 Other wood products; articles of cork/straw		376	362	451	420		612	542	669	686		58.0	64.8	75.1	80.1
210 Paper and paper products		306	299	303	218		38582	38700	38254	37146		6958.3	7213.0	7654.4	7527.4
2101 Pulp, paper and paperboard		300	295	358	58		32544	32800	32389	31556		6066.1	6323.9	6717.3	6620.1
2102 Corrugated paper and paperboard		67	66	69	62		3348	3114	3094	2984		494.0	469.3	500.2	486.0
2109 Other articles of paper and paperboard		100	102	109	98		2690	2785	2772	2606		398.2	419.8	436.9	421.3
221 Publishing of books and other publications		1219	1196	1390	1346		15159	14550	15418	15768		2258.5	2288.3	2558.3	2665.2
2211 Publishing of newspapers, journals, etc.		300	295	358	352		1864	1740	1977	1931		265.9	281.4	322.5	331.0
2212 Publishing of newspapers, journals, etc.		597	583	615	562		12824	12178	12668	12997		1896.1	1911.4	2096.5	2198.7
2213 Publishing of recorded media		237	233	311	319		220	187	279	323		27.2	26.4	56.5	52.4
2219 Other publishing		85	85	106	113		451	445	494	517		67.3	69.1	80.4	83.1

222 Printing and related service activities	1520	1473	1523	1426	13924	14475	14634	14435	2102.1	2084.8	2231.3	2187.2
2221 Printing	1107	1078	1107	1032	12358	12963	12969	12847	1873.5	1818.2	1966.9	1936.5
2222 Service activities related to printing	413	395	416	394	1566	1493	1665	1568	228.6	266.6	264.4	250.8
2230 Reproduction of recorded media	51	55	67	70	99	119	140	193	14.8	14.7	25.9	32.9
2310 Coke oven products	1	1	2	1	3219	3201	3138	...	629.0	597.9	628.9	...
2320 Refined petroleum products	21	19	20	...	...	...	...	...	...	...	...	...
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
241 Basic chemicals	159	147	155	109	8376	8228	8502	8492	1533.5	1481.8	1607.8	1670.3
2411 Basic chemicals, except fertilizers	99	91	87	54	4168	4298	5351	5335	783.4	726.5	984.4	1020.4
2412 Fertilizers and nitrogen compounds	18	17	18	12	1238	1240	1240	1230.3	233.6	220.3	233.9	234.5
2413 Plastics in primary forms; synthetic rubber	42	39	50	43	1868	1648	1911	1936	334.7	342.7	389.5	415.4
242 Other chemicals	219	229	240	217	9183	9291	9583	9315	1356.4	1299.4	1449.0	1478.4
2421 Pesticides and other agro-chemical products	2	2	2	2	...	...	...	...	...	...	...	...
2422 Paints, varnishes, printing ink and mastics	34	41	43	44	1822	1903	2039	1969	307.7	294.3	320.5	333.9
2423 Pharmaceuticals, medicinal chemicals, etc.	35	36	37	26	3999	3949	3949	3939	553.2	540.0	598.1	614.9
2424 Soap, cleaning & cosmetic preparations	86	86	86	75	1629	1613	1754	...	219.0	222.9	266.8	266.8
2429 Other chemical products n.e.c.	62	67	71	67	1733	1871	1840	1764	276.5	242.2	263.6	285.3
2430 Man-made fibres	2	2	3	3	...	...	...	511	...	...	...	82.3
251 Rubber products	69	66	78	74	2331	2386	2535	2653	367.0	333.4	429.5	444.0
2511 Rubber tyres and tubes	18	18	23	19	72	64	64	1436	8.6	9.1	...	275.9
2519 Other rubber products	51	48	55	55	1094	1119	1179	1218	148.1	141.0	161.2	166.2
2520 Plastic products	632	626	661	625	11722	12633	13831	14641	1706.9	1528.9	1939.3	2079.3
2610 Glass and glass products	135	126	149	143	3355	3494	3710	4032	509.1	495.6	566.1	643.9
269 Non-metallic mineral products n.e.c.	896	859	953	822	9204	9366	10294	10619	1283.4	1212.5	1429.0	1504.0
2691 Pottery, china and earthenware	142	142	175	173	671	566	1038	1057	62.8	76.8	123.5	134.3
2692 Refractory ceramic products	5	5	5	5	49	47	46	75	8.9	7.4	8.7	12.1
2693 Struct.non-refractory clay; ceramic products	15	15	17	13	224	233	358	392	31.5	28.5	53.8	53.8
2694 Cement, lime and plaster	9	7	7	3	367	361	395	356	57.8	56.0	62.9	61.8
2695 Articles of concrete, cement and plaster	392	378	400	371	4863	4875	5524	5771	651.3	630.1	754.5	806.2
2696 Cutting, shaping & finishing of stone	293	270	302	277	1124	1165	1321	1340	145.3	134.7	170.6	178.6
2699 Other non-metallic mineral products n.e.c.	40	42	48	37	1509	1700	1612	1628	264.0	222.6	255.0	257.0
2710 Basic iron and steel	82	78	95	64	10107	10149	10493	10477	1750.2	1674.3	1850.0	1883.2
2720 Basic precious and non-ferrous metals	29	31	32	17	3794	3728	3830	3582	526.3	522.4	669.5	632.2
273 Casting of metals	66	70	73	69	2893	2871	2943	2891	392.7	392.5	441.2	421.6
2731 Casting of iron and steel	28	30	32	30	2246	2065	2204	2073	291.3	316.4	340.3	310.7
2732 Casting of non-ferrous metals	38	40	41	39	607	806	739	818	101.4	76.1	100.8	110.9
281 Structural metal products;tanks;steam generators	1422	1405	1525	1472	13462	13521	14624	14955	1930.3	1851.0	2143.4	2210.7
2811 Structural metal products	1294	1277	1394	1343	9450	9468	10493	10885	1284.5	1200.5	1464.8	1527.8
2812 Tanks, reservoirs and containers of metal	105	107	111	112	1928	1967	2106	2086	282.8	275.2	312.4	317.5
2813 Steam generators	23	21	20	17	2084	2086	2025	1983	363.1	375.3	366.2	365.4
289 Other metal products; metal working services	2805	2761	3024	2946	16851	18569	19731	19808	2402.8	2180.2	2645.6	2724.3
2891 Metal forging/pressing/stamping/roll-forming	82	80	97	90	236	321	270	272	37.4	29.4	34.7	36.4
2892 Treatment & coating of metals	1297	1302	1451	1448	7514	8949	9534	9746	1138.3	993.7	1279.5	1320.5
2893 Cutlery, hand tools and general hardware	394	382	395	387	3397	3374	3657	3750	445.8	430.4	498.4	518.8
2899 Other fabricated metal products n.e.c.	1032	997	1081	1021	5704	5925	6271	6040	781.4	726.6	833.1	848.5
291 General purpose machinery	1706	1704	1771	1699	23408	24301	24708	24438	3896.9	3608.5	4113.9	4085.4
2911 Engines & turbines(not for transport equip.)	122	127	147	139	2805	2911	2941	2846	569.2	527.6	600.4	614.0
2912 Pumps, compressors, taps and valves	132	132	143	133	4247	4363	4636	4438	671.1	677.9	737.4	691.3
2913 Bearings, gears, gearing & driving elements	21	23	25	24	1264	1301	1397	1301	205.3	194.9	227.7	215.9
2914 Ovens, furnaces and furnace burners	21	23	25	24	160	178	190	206	22.8	25.9	28.6	29.9
2915 Lifting and handling equipment	363	353	372	368	7670	7917	8129	8367	1294.7	1195.6	1408.6	1443.0
2919 Other general purpose machinery	1026	1028	1040	993	7260	7632	7416	7280	1133.8	986.6	1111.3	1091.3
292 Special purpose machinery	1817	1791	1914	1834	28683	29210	31547	30146	4750.3	4514.4	5264.3	5037.0
2921 Agricultural and forestry machinery	691	679	718	712	2821	3007	3639	3652	457.7	385.4	559.6	565.3
2922 Machine tools	189	196	221	210	3377	3427	3610	3512	489.9	485.0	559.1	550.4
2923 Machinery for metallurgy	17	17	17	15	172	179	182	178	37.5	34.5	38.4	37.6
2924 Machinery for mining & construction	188	176	191	192	3679	3802	3714	3563	607.7	560.2	629.5	701.8
2925 Food/beverage/tobacco processing machinery	127	123	142	122	1070	1078	1386	1293	145.4	148.0	203.2	188.1
2926 Machinery for textile, apparel and leather	31	29	26	23	65	77	68	62	7.7	7.8	7.2	6.5
2927 Weapons and ammunition	46	44	47	41	1265	1230	1342	1292	180.1	178.0	194.0	203.1
2929 Other special purpose machinery	528	527	552	519	16235	16411	17606	16194	2824.3	2715.5	3073.3	2784.2
2930 Domestic appliances n.e.c.	43	43	49	44	1417	1493	1485	1254	183.4	170.2	202.2	160.7

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ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees					
	Note	(numbers)			Note	(numbers)			Note	(million MARKS)				
		1996	1997	1998		1999a/	1996	1997		1998	1999	1996	1997	1998	1999
ISIC Industry														
3000 Office, accounting and computing machinery		...	65	63		...	2362	2085		...	...	391.3	336.3
3110 Electric motors, generators and transformers	104	98	91	89		6525	6115	6178		977.7	985.4	1006.6	1021.3	
3120 Electricity distribution & control apparatus	103	102	110	105		3642	4259	4474		513.2	625.9	694.2	690.7	
3130 Insulated wire and cable	37	36	38	34		1695	1914	1885		251.4	295.8	303.7	293.1	
3140 Accumulators, primary cells and batteries	5	5	6	5		...	...	15		...	...	2.5	2.0
3150 Lighting equipment and electric lamps	94	95	98	91		1419	1416	1502		170.0	182.2	199.7	202.2	
3190 Other electrical equipment n.e.c.	155	154	162	160		2203	2245	2131		287.1	297.1	302.7	310.7	
3210 Electronic valves, tubes, etc.	185	183	223	209		3500	3563	3795		415.3	456.7	500.3	571.0	
3220 TV/radio transmitters; line comm. apparatus	90	88	102	71		18583	21601	25664		2872.4	3169.7	4339.9	5396.5	
3230 TV and radio receivers and associated goods	48	46	48	50		1338	1406	1243		178.6	190.1	179.0	177.5	
331 Medical, measuring, testing appliances, etc.	710	624	808	809		8143	8612	9717		1234.2	1383.3	1588.5	1808.7	
3311 Medical, surgical and orthopaedic equipment	440	343	518	518		3714	3811	4416		506.0	556.5	675.7	751.9	
3312 Measuring/testing/navigating appliances, etc.	204	216	216	218		2845	3111	3553		438.3	499.5	578.9	701.4	
3313 Industrial process control equipment	66	65	74	73		1584	1690	1748		289.8	327.2	334.0	355.5	
3320 Optical instruments & photographic equipment	35	32	40	45		299	321	280		39.2	45.0	36.8	72.9	
3330 Watches and clocks	6	5	4	4		11	11	1		1.1	1.3	0.1	0.2	
3410 Motor vehicles	34	35	32	34		2227	2592	2686		319.3	389.7	416.0	414.4	
3420 Automobile bodies, trailers & semi-trailers	182	177	201	186		3137	3417	3771		405.2	431.0	522.1	515.2	
3430 Parts/accessories for automobiles	73	66	71	68		967	998	807		131.0	134.8	114.3	118.8	
351 Building and repairing of ships and boats	491	499	575	521		9834	9301	9617		1414.2	1311.5	1533.4	1453.2	
3511 Building and repairing of ships	116	126	155	117		8637	8191	8184		1290.5	1175.2	1339.2	1248.7	
3512 Building/repairing of pleasure/sport. boats	374	373	420	404		972	1110	1463		122.5	136.3	194.2	204.5	
3520 Railway/tramway locomotives & rolling stock	13	14	17	7		2166	2174	2099		294.6	322.5	319.2	263.4	
3530 Aircraft and spacecraft	13	15	15	13		...	...	2979		...	...	...	578.0
3539 Transport equipment n.e.c.	29	26	32	24		444	395	348		66.6	55.0	49.1	42.4	
3591 Motorcycles	3	3	3	2		...	...	1		0.2	...	...	...
3592 Bicycles and invalid carriages	...	10	13	9		...	...	286		...	...	41.1	34.5
3599 Other transport equipment n.e.c.	16	13	16	13		78	59	61		9.9	7.7	8.0	...	
3610 Furniture	1550	1521	1670	1640		9667	10336	11153		1110.9	1181.8	1345.8	1368.6	
369 Manufacturing n.e.c.	939	928	1032	1012		3926	3862	3909		462.6	469.8	482.5	494.5	
3691 Jewellery and related articles	283	277	299	302		724	671	660		96.5	84.8	87.4	89.8	
3692 Musical instruments	84	49	58	58		84	62	80		8.0	6.1	7.2	7.4	
3693 Sports goods	150	147	169	156		1312	1233	1261		151.9	146.7	158.5	160.2	
3694 Games and toys	68	68	81	74		266	236	243		31.0	27.8	27.3	29.9	
3699 Other manufacturing n.e.c.	384	387	434	422		1540	1660	1686		175.2	194.5	202.1	207.2	
3710 Recycling of metal waste and scrap	87	90	95	81		256	276	275		33.4	40.7	37.0	39.1	
3720 Recycling of non-metal waste and scrap	18	19	15	19		42	45	48		4.1	5.2	8.1	6.8	
D Total manufacturing	26209	25585	27990	26358		385385	394560	414261		55680.4	58328.1	64291.3	65675.8	

a/ Number of enterprises.

Finland

ISIC Industry	Output (million MARKS)				Note	Value added in factor values (million MARKS)				Note	Gross fixed capital formation (million MARKS)	
	1996	1997	1998	1999		1996	1997	1998	1999		1998	1999
ISIC Industry												
151 Processed meat, fish, fruit, vegetables, fats	17197	16952	16890	17502		3474	3643	3805	3707		682.1	553.4
1511 Processing/preserving of meat	12649	12708	12486	12989		2488	2574	2580	2604		448.7	307.9
1512 Processing/preserving of fish	409	472	587	559		103	104	133	117		32.2	30.2
1513 Processing/preserving of fruit & vegetables	2417	2302	2353	2573		617	688	688	738		89.9	92.7
1514 Vegetable and animal oils and fats	1721	1470	1282	1484		286	297	404	249		111.4	122.6
1520 Dairy products	11628	10454	10306	10329		1644	1460	1444	1392		385.2	310.2
153 Grain mill products	4661	4972	4891	4415		831	896	874	681		136.1	115.8
1531 Grain mill products	986	975	922	828		192	203	205	149		32.7	35.7
1532 Starches and starch products	745	813	735	750		136	122	122	125		26.2	10.8
1533 Prepared animal feeds	2930	3184	3234	2837		503	539	568	407		77.3	69.3
154 Other food products	10987	11773	11846	11200		4007	3818	3794	3742		501.8	473.1
1541 Bakery products	4770	5227	5277	5349		2173	2087	2233	2239		271.0	247.2
1542 Sugar	1627	1877	1803	1627		397	395	365	294		57.5	76.4
1543 Cocoa, chocolate and sugar confectionery	1772	1826	2019	1817		657	565	743	686		110.6	75.0
1544 Macaroni, noodles & similar products	109	100	100	36		32	12	13	13		0.6	0.6
1549 Other food products n.e.c.	2646	3038	2739	2371		741	758	433	511		60.5	74.0
155 Beverages	4550	4736	5030	5090		1511	1529	1522	1647		303.9	519.8
1551 Distilling, rectifying & blending of spirits	...	...	1232	1060		293	...	270	224		187.3	15.6
1552 Wines	...	...	21	22		...	...	7	7		1.8	3.0
1553 Malt liquors and malt	2779	2874	3088	3513		1023	1117	1073	1256		103.6	429.8
1554 Soft drinks; mineral waters	...	...	...	495		...	...	...	160		...	71.4
1600 Tobacco products	687	642	684	576		215	199	196	136		6.1	13.8
171 Spinning, weaving and finishing of textiles	746	794	862	667		246	277	294	232		35.6	13.3
1711 Textile fibre preparation; textile weaving	368	397	415	253		115	150	169	86		25.3	4.7
1712 Finishing of textiles	378	378	447	414		127	125	146	146		10.2	8.6
172 Other textiles	2308	2509	2593	2573		953	1080	1141	1153		179.9	120.8
1721 Made-up textile articles, except apparel	508	537	566	588		168	180	215	224		19.1	25.8
1722 Carpets and rugs	104	98	113	118		36	41	33	41		8.6	5.5
1723 Cordage, rope, twine and netting	49	61	50	49		26	26	23	23		0.6	1.3
1729 Other textiles n.e.c.	1028	1111	1865	1818		507	573	860	856		151.5	88.2
1730 Knitted and crocheted fabrics and articles	692	635	622	601		306	299	295	266		27.0	19.1
1810 Wearing apparel, except fur apparel	3005	3176	3364	3345		1204	1209	1256	1142		69.5	69.6
1820 Dressing & dyeing of fur; processing of fur	171	167	170	125		62	63	73	49		3.5	2.0
191 Tanning, dressing and processing of leather	444	443	402	379		148	141	137	133		15.4	17.3
1911 Tanning and dressing of leather	193	182	168	165		57	50	43	49		4.7	8.8
1912 Luggage, handbags, etc.; saddlery & harness	251	261	234	213		91	91	93	85		10.6	8.5
1920 Footwear	924	933	1042	1003		361	384	412	408		35.1	30.9
2010 Sawmilling and planing of wood	11502	15428	16154	16665		2144	3816	3072	2958		948.8	955.7
202 Products of wood, cork, straw, etc.	9251	11075	12077	12471		3319	4247	4436	4436		787.4	753.3
2021 Veneer sheets, plywood, particle board, etc.	4083	4617	4772	4651		1524	1828	2010	1893		311.3	256.7
2022 Builders' carpentry and joinery	4359	5546	6245	6820		1454	1785	1984	2144		402.2	443.9
2023 Wooden containers	567	524	720	537		220	218	257	235		38.3	28.6
2029 Other wood products; articles of cork/straw	242	287	341	353		121	132	154	164		35.7	24.2
210 Paper and paper products	67003	74207	78538	80888		18755	20891	24304	25292		5579.4	3764.8
2101 Pulp, paper and paperboard	61280	68588	73007	74919		16811	18963	22401	23641		5336.0	3533.0
2102 Corrugated paper and paperboard	2863	2636	2613	2344		1028	989	988	891		137.8	102.3
2109 Other articles of paper and paperboard	2860	2983	2918	2825		917	939	945	760		105.6	129.6
221 Publishing of books and other publications	11276	11738	12819	13111		4114	4460	4961	4990		603.6	475.6
2211 Publishing of newspapers, journals, etc.	1916	1948	2030	1925		563	608	650	650		44.5	39.1
2212 Publishing of newspapers, journals, etc.	8929	9397	10218	10569		3363	3680	4047	4135		536.4	412.1
2213 Publishing of recorded media	154	136	267	302		64	58	120	120		11.3	14.1
2219 Other publishing	266	258	303	315		124	114	145	142		11.4	10.3

continued

Finland

ISIC Industry	Output (million MARKS)				Note	Value added in factor values (million MARKS)				Note	Gross fixed capital formation (million MARKS)	
	1996	1997	1998	1999		1996	1997	1998	1999		1998	1999
222 Printing and related service activities	9651	9748	10092	9794		4186	4277	4340	4106		850.1	746.6
2221 Printing	8737	8910	9291	8995		3688	3846	3838	3657		779.7	686.8
2222 Service activities related to printing	914	838	801	799		498	432	502	449		70.4	59.9
2223 Reproduction of recorded media	101	101	152	177		40	40	88	80		17.6	21.1
2310 Coke oven products	13269	12946	12145	...		1506	1285	1555	...		216.3	...
2320 Refined petroleum products	...	...	...	...		...	...	...	...		...	...
2330 Processing of nuclear fuel	...	...	...	...		...	...	...	...		...	...
241 Basic chemicals	15779	17485	17742	18259		4681	5084	5468	6123		1525.0	1370.9
2411 Basic chemicals, except fertilizers	8737	10018	10995	10867		2679	3065	3832	3983		1167.1	870.6
2412 Fertilizers and nitrogen compounds	2121	2207	2043	2211		642	683	638	716		142.7	57.5
2413 Plastics in primary forms; synthetic rubber	4017	4290	4704	5180		973	905	998	1424		215.1	442.8
242 Other chemicals	7179	8388	8865	8710		3036	3438	3483	3559		419.0	384.5
2421 Pesticides and other agro-chemical products	...	...	...	...		...	...	...	...		...	...
2422 Paints, varnishes, printing ink and mastics	1993	2496	2403	2369		751	887	786	807		77.6	70.4
2423 Pharmaceuticals, medicinal chemicals, etc.	2803	2962	3255	3328		1378	1499	1570	1630		173.9	195.9
2424 Soap, cleaning & cosmetic preparations	1094	1152	1520	1427		419	427	523	43.9		43.9	...
2429 Other chemical products n.e.c.	1290	1778	1686	1731		488	625	604	654		123.6	80.2
2430 Man-made fibres	...	...	...	538		...	...	...	87		...	11.5
251 Rubber products	1584	1698	1901	2001		721	806	901	942		325.2	218.5
2511 Rubber tyres and tubes	60	46	...	1278		...	...	...	615		...	187.3
2519 Other rubber products	622	666	754	723		282	312	346	327		41.8	31.2
2520 Plastic products	7902	9159	10604	10999		3229	3611	4128	4584		849.2	796.6
2610 Glass and glass products	2107	2306	2598	2835		882	901	1084	1203		152.0	242.8
269 Non-metallic mineral products n.e.c.	6684	7718	8592	9081		2574	3075	3583	3683		588.7	614.7
2691 Pottery, china and earthenware	228	286	572	576		...	...	...	303		22.9	20.4
2692 Refractory ceramic products	50	50	50	96		17	19	20	31		0.8	1.3
2693 Struct. non-refractory clay; ceramic products	124	165	263	272		67	74	138	136		14.5	27.4
2694 Cement, lime and plaster	637	679	703	783		277	309	331	318		84.6	101.3
2695 Articles of concrete, cement and plaster	3342	3815	4620	4908		1155	1401	1801	1908		280.1	318.5
2696 Cutting, shaping & finishing of stone	622	702	781	836		304	336	376	364		73.7	76.0
2699 Other non-metallic mineral products n.e.c.	1379	1676	1603	1609		492	576	641	623		112.0	69.8
2710 Basic iron and steel	18244	19513	20056	19011		4125	4326	4303	3584		1139.4	679.3
2720 Basic precious and non-ferrous metals	10219	11968	9745	10283		1236	1760	1383	1611		688.2	286.7
273 Casting of metals	1473	1621	1625	1714		565	786	788	732		118.0	89.1
2731 Casting of iron and steel	1097	1117	1191	1072		565	573	595	524		86.5	55.3
2732 Casting of non-ferrous metals	376	504	434	461		149	213	193	209		31.5	33.8
281 Structural metal products; tanks; steam generators	10080	10341	11361	11550		3401	3518	3904	3909		521.5	392.1
2811 Structural metal products	6100	6501	7487	7631		2236	2436	2780	2787		387.7	334.9
2812 Tanks, reservoirs and containers of metal	1409	1339	1376	1417		566	530	535	557		95.4	44.4
2813 Steam generators	2571	2501	2498	2502		559	552	569	565		38.3	12.9
289 Other metal products; metal working services	10139	11448	12079	11740		4551	5107	5579	5489		1030.0	998.0
2891 Metal forging/pressing/stamping/roll-forming	148	178	167	156		70	83	79	73		25.1	19.6
2892 Treatment & coating of metals	4885	5472	5822	5426		2183	2428	2704	2557		577.2	584.9
2893 Cutlery, hand tools and general hardware	1635	1872	2073	2100		877	1039	1151	1165		149.1	165.4
2899 Other fabricated metal products n.e.c.	3472	3926	4016	4059		1421	1557	1646	1694		278.5	228.1
291 General purpose machinery	20134	22673	24334	23570		7045	7228	7607	7138		890.6	766.6
2911 Engines & turbines (not for transport equip.)	4228	5200	5821	5581		1083	858	1061	785		118.1	92.3
2912 Pumps, compressors, taps and valves	3396	3373	3511	3326		1446	1420	1443	1373		157.6	90.7
2913 Bearings, gears, gearing & driving elements	955	921	989	1016		440	414	413	345		176.6	176.6
2914 Ovens, furnaces and furnace burners	115	135	154	184		35	32	37	43		6.4	6.3
2915 Lifting and handling equipment	6362	7266	8124	8156		2130	2354	2509	2617		175.6	191.4
2919 Other general purpose machinery	5078	5777	5735	5307		1911	2150	2144	1996		320.0	209.2

292 Special purpose machinery	27140	28114	28310	27086	8777	9021	9410	8678	788.1	787.8
2921 Agricultural and forestry machinery	3211	3576	4062	4384	871	820	939	867	155.7	114.6
2922 Machine tools	2410	2954	3049	2914	952	1057	1086	1038	119.7	94.4
2923 Machinery for metallurgy	308	402	295	200	158	107	106	63	8.0	8.0
2924 Machinery for mining & construction	3387	3813	3727	4153	1148	1419	1289	1476	106.3	89.1
2925 Food/beverage/tobacco processing machinery	499	490	679	659	240	256	350	337	18.6	38.4
2926 Machinery for textile, apparel and leather	38	40	37	37	17	17	18	16	2.0	1.2
2927 Weapons and ammunition	638	613	729	809	303	281	303	304	32.2	32.6
2929 Other special purpose machinery	16649	16226	15732	13932	5138	5011	5340	4578	348.6	409.6
2930 Domestic appliances n.e.c.	893	1012	1088	861	306	342	382	308	44.2	31.3
3000 Office, accounting and computing machinery	...	...	5829	5545	...	...	466	205	42.0	25.1
3110 Electric motors, generators and transformers	6010	6283	6492	6448	2050	2302	2290	2135	262.6	343.5
3120 Electricity distribution & control apparatus	2532	3056	3403	3377	990	1197	1342	1259	111.7	76.3
3130 Insulated wire and cable	1891	2168	2095	2064	544	584	622	593	165.8	65.1
3140 Accumulators, primary cells and batteries	...	908	10	9	...	373	2	2	0.3	0.3
3150 Lighting equipment and electric lamps	874	1069	1013	1013	342	373	400	376	88.6	57.8
3190 Other electrical equipment n.e.c.	1287	1462	1511	1562	535	563	565	558	35.0	73.0
3210 Electronic valves, tubes, etc.	1785	2082	2258	2659	781	870	922	1116	272.7	327.8
3220 TV/radio transmitters; line comm. apparatus	28151	38818	56274	76854	8419	12875	20036	25707	2075.1	2257.3
3230 TV and radio receivers and associated goods	1085	1361	1172	906	231	358	317	279	26.6	12.9
331 Medical, measuring, testing appliances, etc.	6120	7232	7955	8741	2614	2954	3273	3690	297.3	474.8
3311 Medical, surgical and orthopaedic equipment	2449	2998	3556	3840	1093	1310	1551	1660	133.9	104.9
3312 Measuring/testing/navigating appliances, etc.	2106	2481	2817	3249	987	1119	1194	1423	132.0	336.9
3313 Industrial process control equipment	1565	1754	1582	1652	535	525	527	607	31.4	32.9
3320 Optical instruments & photographic equipment	165	194	156	244	79	86	70	80	25.6	13.9
3330 Watches and clocks	5	8	1	2	2	2	-	-	0.1	-
3410 Motor vehicles	1552	1799	1965	1882	604	694	799	805	86.7	114.3
3420 Automobile bodies, trailers & semi-trailers	1951	2241	2578	2556	707	792	952	943	92.2	51.8
3430 Parts/accessories for automobiles	551	597	528	568	234	257	225	222	29.1	21.5
351 Building and repairing of ships and boats	7670	8652	9773	9266	2486	2780	2583	2009	226.4	184.3
3511 Building and repairing of ships	7096	7989	8819	8274	2294	2561	2237	1629	196.4	152.1
3512 Building/repairing of pleasure/sport. boats	573	662	954	993	194	219	346	380	30.0	32.2
3520 Railway/tramway locomotives & rolling stock	944	1420	1353	1106	342	329	401	372	9.7	10.6
3530 Aircraft and spacecraft	358	267	234	185	118	112	78	985	10.2	251.2
359 Transport equipment n.e.c.	1	...	1	...	...	...	...	69	...	6.5
3591 Motorcycles	...	...	204	156	...	...	64	55	7.1	4.2
3592 Bicycles and invalid carriages	37	27	29	...	17	14	14	...	3.2	...
3599 Other transport equipment n.e.c.	4561	5035	6112	6236	1987	2225	2452	2449	329.5	288.4
3610 Furniture	2087	2136	2391	2449	916	916	976	1034	105.7	104.0
369 Manufacturing n.e.c.	470	439	462	535	205	174	219	247	14.0	14.3
3691 Jewellery and related articles	34	20	25	24	16	12	13	14	1.0	1.0
3692 Musical instruments	712	673	772	747	290	285	300	295	28.1	37.2
3693 Sports goods	156	165	194	203	57	49	54	51	8.3	8.8
3694 Games and toys	714	839	938	940	349	390	391	427	54.2	42.8
3699 Other manufacturing n.e.c.	518	548	413	487	81	101	79	90	34.8	49.6
3710 Recycling of metal waste and scrap	34	46	46	50	11	12	13	12	4.0	8.5
3720 Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...	...	...
D Total manufacturing	392893	436272	475981	499398	120328	135192	149961	155036	25073.2	22039.4

Finland

ISIC Industry	Index numbers of industrial production (1990=100)												
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	Note												
15 Food and beverages	100	99	100	105	104	108	112	115	116	119	
16 Tobacco products	100	89	89	84	82	75	86	94	...	...
17 Textiles	100	84	86	87	95	93	97	99	100	102	
18 Wearing apparel, fur	100	76	63	60	66	55	55	54	52	49	
19 Leather, leather products and footwear	100	83	76	71	75	70	68	69	72	63	
20 Wood products (excl. furniture)	100	79	80	92	107	104	107	121	130	135	
21 Paper and paper products	100	98	102	111	123	124	119	136	140	145	
22 Printing and publishing	100	90	85	83	87	91	93	98	102	100	
23 Coke, refined petroleum products, nuclear fuel	100	109	113	115	133	130	139	131	154	147	
24 Chemicals and chemical products	100	98	100	104	118	120	124	132	135	142	
25 Rubber and plastics products	100	87	88	95	104	107	108	115	126	130	
26 Non-metallic mineral products	100	85	74	69	75	75	80	89	93	94	
27 Basic metals	100	99	110	117	126	134	141	150	158	164	
28 Fabricated metal products	100	86	79	85	94	101	106	121	134	127	
29 Machinery and equipment n.e.c.	100	75	73	76	89	109	113	120	120	118	
30 Office, accounting and computing machinery	100	106	172	194	195	190	194	226	228	223	
31 Electrical machinery and apparatus	100	91	98	97	112	119	128	138	155	155	
32 Radio, television and communication equipment	100	86	122	197	301	431	512	648	1028	1381	
33 Medical, precision and optical instruments	100	88	88	97	105	120	135	154	160	167	
34 Motor vehicles, trailers, semi-trailers	100	80	81	59	67	78	83	96	103	101	
35 Other transport equipment	100	95	101	95	109	124	116	115	117	112	
36 Furniture; manufacturing n.e.c.	100	87	83	80	88	88	89	95	102	102	
37 Recycling	
) Total manufacturing	97	101	100	90	91	96	107	115	118	130	143	151	

FRANCE

<p>Supplier of information: Service des Etudes et des Statistiques Industrielles (SESSI) - Ministère de l'Economie, des Finances et de l'Industrie, Paris. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>Basic source of data: Annual business survey.</p> <p>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 (Rev.3).</p> <p>Reference period (if not calendar year):</p> <p>Scope: Kind-of-activity units with 20 or more employees.</p> <p>Method of enumeration: Questionnaires are distributed by mail.</p> <p>Adjusted for non-response: Yes.</p>	<p>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. 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.</p> <p>Related national publications: La situation de l'industrie published by Service des Etudes et des Statistiques Industrielles (SESSI) - Ministère de l'Economie, des Finances et de l'Industrie, Paris.</p>
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France

ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees											
	(numbers)				(thousands)				(million FRANCS)											
	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999						
151 Processed meat, fish, fruit, vegetables, fats	702	671	671	665	...	54.4	52.2	51.7	49.6	...	6974.6	6985.3	7024.8	6828.5						
1511 Processing/preserving of meat	490	465	460	455	...	38.8	37.1	36.8	35.3	...	4900.7	4903.8	4912.4	4778.8						
1512 Processing/preserving of fish	212	206	211	214	...	15.5	15.0	14.9	14.4	...	2073.9	2081.5	2112.4	2049.7						
1513 Processing/preserving of fruit & vegetables	489	495	494	503	...	38.5	37.0	35.8	36.8	...	4973.4	4842.8	4847.9	4991.7						
1514 Vegetable and animal oils and fats	184	192	192	207	...	12.6	12.8	12.5	13.4	...	1446.1	1522.7	1545.6	1648.8						
1520 Dairy products	31	29	29	27	...	5.9	4.5	3.0	3.0	...	823.5	602.2	432.1	427.1						
153 Grain mill products	22	23	23	22	...	1.2	1.2	1.2	1.1	...	141.8	139.3	142.6	133.6						
1531 Grain mill products	252	251	250	252	...	18.7	18.6	19.1	19.3	...	2561.8	2578.5	2727.7	2782.3						
1532 Starches and starch products	236	232	225	210	...	24.3	24.4	23.0	21.0	...	2882.4	2941.9	2858.9	2651.6						
1533 Prepared animal feeds	1649	1543	1369	1300	...	101.3	95.4	90.3	86.0	...	11561.6	11120.5	10806.8	10673.9						
154 Other food products	20	17	14	12	...	0.8	0.6	0.6	0.6	...	99.8	86.7	93.6	95.0						
1541 Bakery products	191	185	176	169	...	14.5	14.1	13.8	13.7	...	1756.6	1803.1	1808.3	1815.0						
1542 Sugar	48	44	42	37	...	2.5	2.3	2.2	2.1	...	295.4	305.4	301.1	287.3						
1543 Cocoa, chocolate and sugar confectionery	143	141	134	132	...	12.0	11.8	11.5	11.6	...	1461.2	1497.7	1507.3	1527.7						
1544 Macaroni, noodles & similar products	250	238	227	208	...	30.0	28.2	27.0	25.1	...	3191.2	3147.8	3058.9	2900.2						
1549 Other food products n.e.c.	18	16	16	18	...	0.9	0.9	0.7	0.7	...	138.7	151.3	127.6	121.6						
155 Beverages	638	633	641	599	...	39.8	39.6	39.7	39.4	...	4873.9	5006.0	5125.0	5153.2						
1551 Distilling, rectifying & blending of spirits	75	68	76	78	...	8.4	8.1	8.4	8.6	...	1095.5	1122.9	1190.8	1215.2						
1552 Malt liquors and malt	237	230	226	196	...	16.3	16.2	15.7	14.4	...	1987.4	2028.9	1999.9	1879.7						
1553 Malt liquors and malt	218	228	229	225	...	9.7	10.1	10.4	10.7	...	1148.8	1210.8	1267.6	1338.2						
1554 Soft drinks; mineral waters	108	107	110	100	...	5.4	5.3	5.2	5.6	...	642.1	643.4	666.7	720.0						
1600 Tobacco products	648	660	656	635	...	88.6	87.4	86.2	84.0	...	14578.9	14645.1	14647.5	14550.2						
171 Spinning, weaving and finishing of textiles	122	122	123	119	...	29.3	28.2	28.3	27.0	...	5301.8	5271.3	5303.2	5108.8						
1711 Textile fibre preparation; textile weaving	343	357	348	339	...	38.5	38.4	37.7	37.0	...	5865.6	5921.8	5934.2	5989.4						
1712 Finishing of textiles	183	181	185	177	...	20.8	20.7	20.3	19.7	...	3411.5	3452.0	3410.1	3451.9						
172 Other textiles	660	599	635	615	...	65.3	64.3	64.3	64.0	...	15236.9	15467.9	15816.1	16168.6						
1721 Made-up textile articles, except apparel	171	152	168	157	...	15.0	13.9	13.7	13.4	...	2982.0	2996.8	3013.6	2948.1						
1722 Carpets and rugs	429	405	415	407	...	46.7	46.9	46.8	47.8	...	11396.4	11562.6	11826.5	12206.1						
1723 Cordage, rope, twine and netting	31	24	30	30	...	2.9	2.8	3.0	2.8	...	733.8	800.4	851.3	890.0						
1729 Other textiles n.e.c.	19	18	22	21	...	0.8	0.7	0.8	0.8	...	124.7	108.0	124.7	124.4						
1730 Knitted and crocheted fabrics and articles	19	18	22	21	...	0.8	0.7	0.8	0.8	...	124.7	108.0	124.7	124.4						
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	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	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	1312	1266	1206	1187	75.5	74.9	73.7	73.0	12199.8	12320.1	12219.3	12218.8
2221 Printing	1028	995	947	933	61.9	61.2	60.3	59.9	10053.7	10153.6	10150.5	10171.0
2222 Service activities related to printing	284	271	259	254	13.7	13.4	13.7	13.1	2146.0	2166.5	2068.8	2047.7
2230 Reproduction of recorded media	18	19	21	21	2.1	2.4	2.6	2.9	284.9	343.3	378.8	425.9
2310 Coke oven products	9	9	10	10	11.4	11.1	11.4	11.3	2487.0	2500.4	2630.5	2663.1
2320 Refined petroleum products	51	51	51	49	19.9	18.9	18.0	18.1	5694.4	5576.3	5543.5	5651.4
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
241 Basic chemicals	281	283	287	289	74.0	73.5	73.1	72.5	15998.1	16219.6	16210.0	16359.6
2411 Basic chemicals, except fertilizers	148	151	153	161	49.8	50.9	50.7	51.9	10909.4	11453.2	11930.5	11930.5
2412 Fertilizers and nitrogen compounds	44	44	45	40	6.9	6.7	6.7	6.3	1288.0	1269.1	1284.7	1206.9
2413 Plastics in primary forms; synthetic rubber	89	88	89	88	17.4	15.9	15.7	14.3	3600.7	3497.3	3531.9	3252.2
242 Other chemicals	891	893	927	917	190.9	193.5	196.2	197.7	40286.7	42585.1	44189.7	45775.8
2421 Pesticides and other agro-chemical products	32	30	30	31	6.5	6.9	6.7	6.4	1605.9	1760.0	1782.6	1766.4
2422 Paints, varnishes, printing ink and mastics	153	150	157	153	18.7	18.1	17.8	17.6	3422.0	3513.3	3574.5	3574.5
2423 Pharmaceuticals, medicinal chemicals, etc.	268	271	280	275	84.8	90.3	92.7	94.5	18638.7	21085.8	22265.1	23343.2
2424 Soap, cleaning & cosmetic preparations	275	275	280	279	50.0	50.4	49.8	49.4	10166.2	10557.7	10756.3	10756.3
2429 Other chemical products n.e.c.	164	167	180	179	30.9	27.9	29.2	29.8	6254.0	5729.7	6105.9	6335.3
2430 Man-made fibres	12	12	12	12	2.4	2.4	2.4	2.4	409.0	429.2	403.9	407.1
251 Rubber products	163	170	174	169	67.5	67.3	67.5	67.6	10337.2	10614.0	10918.8	11082.6
2511 Rubber tyres and tubes	21	24	26	23	41.1	40.8	40.4	40.0	6602.1	6715.7	6845.4	6900.4
2519 Other rubber products	142	146	148	146	26.4	26.5	27.1	27.6	3735.1	3898.3	4073.4	4182.2
2520 Plastic products	1256	1278	1291	1283	118.5	120.8	128.5	133.0	16414.0	17558.3	18993.6	20047.6
2610 Glass and glass products	198	195	197	190	49.1	48.8	48.8	47.5	8030.3	8199.0	8264.3	8373.5
269 Non-metallic mineral products n.e.c.	720	724	729	707	79.3	76.3	74.8	73.1	12364.0	12364.0	12378.3	12378.3
2691 Pottery, china and earthenware	101	99	101	99	14.0	12.2	11.7	11.1	1581.6	1617.8	1590.9	1605.1
2692 Refractory products	27	27	27	27	5.0	5.0	4.9	...	881.8	913.4	903.9	...
2693 Struct.non-refractory clay: ceramic products	63	63	63	59	9.1	8.8	8.7	8.7	1357.8	1322.4	1309.1	1315.7
2694 Cement, lime and plaster	385c/	385c/	381c/	388b/	37.3c/	36.2c/	35.9c/	39.9b/	6094.5c/	6078.2c/	6113.3c/	7043.7b/
2695 Articles of concrete, cement and plaster	102	104	103	106	4.4	4.3	4.3	4.5	572.5	568.8	566.4	584.2
2696 Cutting, shaping & finishing of stone	41	46	54	55	9.1	9.5	9.2	8.8	1807.6	1863.4	1876.0	1829.7
2699 Other non-metallic mineral products n.e.c.	150	149	145	150	67.9	65.7	63.9	62.4	12757.5	12813.0	12531.4	11990.3
2710 Basic iron and steel	96	91	86	87	24.7	23.7	22.9	22.4	4530.9	4577.1	4473.3	4355.5
2720 Basic precious and non-ferrous metals	235	234	232	232	35.5	33.3	34.3	35.1	4462.5	4578.3	4779.6	5011.8
273 Casting of metals	104	103	101	101	19.3	19.1	19.4	19.3	2614.4	2652.4	2748.7	2794.1
2731 Casting of iron and steel	131	131	131	131	14.1	14.3	14.9	15.8	1848.1	1925.9	2031.0	2217.7
2732 Casting of non-ferrous metals	1443	1494	1477	1458	98.0	99.0	96.5	95.4	14831.8	15258.2	15023.9	15028.0
281 Structural metal products;tanks;steam generators	493	491	507	518	30.2	29.4	29.4	29.4	4131.6	4165.4	4149.6	4338.7
2811 Structural metal products	87	88	82	77	12.4	13.3	12.4	11.8	1870.7	2024.1	1939.9	1867.2
2812 Tanks, reservoirs and containers of metal	863	915	888	863	55.4	56.2	54.7	53.4	9068.7	9068.7	8934.4	8822.1
2813 Steam generators	3015	3083	3103	3117	201.2	205.9	207.4	213.3	28874.4	30269.8	31124.5	32056.8
289 Other metal products: metal working services	449	463	465	480	38.5	41.6	40.2	43.1	5376.4	5908.9	5891.1	6083.5
2891 Metal forging/pressing/stamping/roll-forming	1658	1720	1721	1737	77.4	81.0	82.8	85.9	11154.0	11858.8	12404.1	12927.7
2892 Treatment & coating of metals	394	402	406	404	31.1	31.1	31.3	31.4	4428.4	4596.7	4703.0	4767.5
2893 Cutlery, hand tools and general hardware	514	498	511	496	54.3	52.2	53.1	53.0	7915.6	7905.4	8126.3	8278.1
2899 Other fabricated metal products n.e.c.	1079	1123	1143	1150	140.0	139.9	142.5	144.8	23383.4	23933.8	24954.3	25864.5
291 General purpose machinery	20	18	20	21	11.3	10.5	9.5	9.0	2078.1	2003.8	1922.1	1912.1
2911 Engines & turbines(not for transport equip.)	258	264	269	274	34.3	34.2	36.1	36.2	5630.8	5722.4	6255.4	6460.6
2912 Pumps, compressors, taps and valves	86	83	82	81	17.7	17.7	18.3	18.6	2927.6	2992.2	3144.0	3227.6
2913 Bearings, gears, gearing & driving elements	36	36	33	32	3.0	2.7	2.4	2.4	546.8	528.6	499.0	496.5
2914 Ovens, furnaces and furnace burners	263	275	281	286	34.6	34.7	35.5	36.8	5746.4	6840.4	6080.8	6433.4
2915 Lifting and handling equipment	416	447	458	466	39.2	40.3	40.7	41.8	6453.7	6846.5	7052.9	7334.3
2919 Other general purpose machinery	1043	1043	1027	1031	85.0	84.8	84.9	86.6	14275.8	14415.2	14801.6	15435.5
292 Special purpose machinery	188	204	205	210	14.6	15.7	16.2	17.4	2088.8	2286.7	2446.7	2645.2
2921 Agricultural and forestry machinery	162	169	161	160	13.5	13.6	12.9	14.0	2320.2	2332.2	2307.4	2636.7
2922 Machine tools	9	10	9	9	2.2	2.3	2.0	2.0	439.8	436.9	408.4	406.1
2923 Machinery for metallurgy	94	84	85	80	12.8	12.0	12.2	11.9	2291.4	2100.5	2216.3	2270.7
2924 Machinery for mining & construction	149	147	144	146	11.1	11.0	11.4	10.8	1778.3	1819.2	1881.5	1771.7
2925 Food/beverage/tobacco processing machinery	38	34	33	31	5.3	5.2	5.2	5.1	901.1	923.6	947.3	923.3
2926 Machinery for textile, apparel and leather	10	11	10	8	0.8	0.8	0.6	0.7	118.9	120.1	117.7	112.2
2927 Weapons and ammunition	393	384	374	387	24.5	24.2	24.2	24.8	4337.0	4395.9	4476.2	4669.6
2929 Other special purpose machinery	74	69	67	69	29.8	27.6	26.3	25.6	4055.7	3918.5	3788.3	3632.3
2930 Domestic appliances n.e.c.												

continued

France

ISIC Industry	Number of enterprises (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (million francs)							
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	
		73	76	75	78		36.2	37.4	43.1	42.7		10493.0	10242.5	11978.8	12672.1	
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.																
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																
3710 Recycling of non-metal waste and scrap																
D Total manufacturing																

a/ 2310 includes 2330.
 b/ 2694 includes 2692 and 2695.
 c/ 2694 includes 2695.

France	ISIC Revision 3	Output (million FRANCS)			Value added in factor values (million FRANCS)			Gross fixed capital formation (million FRANCS)	
		1996	1997	1998	1999	1996	1997	1998	1999
		Note	Note	Note	Note	Note	Note	Note	Note
	ISIC Industry								
	151 Processed meat, fish, fruit, vegetables, fats	45330	47937	50593	45875	50593	50593	50593	50593
	1511 Processing/preserving of meat	34559	36224	38438	34964	38438	38438	38438	38438
	1512 Processing/preserving of fish	10770	11713	12155	10911	12155	12155	12155	12155
	1513 Processing/preserving of fruit & vegetables	28242	27905	29696	30961	29696	29696	29696	29696
	1514 Vegetable and animal oils and fats	7441	8170	8612	9202	8612	8612	8612	8612
	1520 Dairy products	5541	6299	6656	3517	6656	6656	6656	6656
	153 Grain mill products; starches; animal feeds	768	822	866	802	866	866	866	866
	1531 Grain mill products	14491	15284	16562	17440	16562	16562	16562	16562
	1532 Starches and starch products	13689	14208	14182	12608	14182	14182	14182	14182
	1533 Prepared animal feeds	62323	60941	61539	61230	61539	61539	61539	61539
	154 Other food products	567	537	454	420	454	454	454	454
	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								
	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								
	1711 Textile fibre preparation; textile weaving								
	172 Finishing of textiles								
	1720 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								
	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								
	2101 Pulp, paper and paperboard								
	2102 Corrugated paper and paperboard								
	2109 Other articles of paper and paperboard								
	221 Publishing of books and other publications								
	2211 Publishing of newspapers, journals, etc.								
	2212 Publishing of recorded media								
	2219 Other publishing								

continued

France

ISIC Industry	Output (million FRANCES)				Value added in factor values (million FRANCES)				Gross fixed capital formation (million FRANCES)			
	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999
	Note				Note				Note			
ISIC Industry												
222 Printing and related service activities	53974	55006	57358	58172		21476	21472	21182		21477	2667	3104
2221 Printing	46708	47684	50103	50576		17763	17707	17633		17928	2286	2795
2222 Service activities related to printing	7266	7286	7255	7296		3713	3765	3549		3549	381	310
2230 Reproduction of recorded media	2428	2454	2606	2658		742	848	933		931	304	215
2310 Coke oven products	32712	32707	31194	31863	a/	14386	14870	14265	a/	13486	3522	3091
2320 Refined petroleum products	230963	241293	216932	249601	a/	16747	13392	11646	a/	22687	30567	3096
2330 Processing of nuclear fuel												
241 Basic chemicals	160900	170124	162159	163829		42791	47087	45483		44697	9432	10989
2411 Basic chemicals, except fertilizers	104047	113693	109958	113642		29947	34917	34562		34867	6031	7198
2412 Fertilizers and nitrogen compounds	13207	11950	11362	10220		3361	2643	2495		433	433	576
2413 Plastics in primary forms; synthetic rubber	43646	44481	40839	39566		9483	9527	8426		7650	2968	3216
242 Other chemicals	299179	330650	343802	357417		98376	104515	104312		109602	12649	12468
2421 Pesticides and other agro-chemical products	14555	17850	22569	16420		4382	5568	4595		4595	386	240
2422 Paints, varnishes, printing ink and mastics	18917	20550	20983	21735		6981	7094	6989		7496	755	682
2423 Pharmaceuticals, medicinal chemicals, etc.	145647	165791	173712	186059		50808	55193	56560		59791	6708	6578
2424 Soap, cleaning & cosmetic preparations	82847	85375	85686	89800		22909	24472	23889		24401	2487	2900
2429 Other chemical products n.e.c.	36213	41084	40853	43404		13297	12198	12697		13318	2313	2066
2430 Man-made fibres	3115	3682	3914	3622		664	773	875		891	178	120
251 Rubber products	44937	49616	55965	55841		19343	19920	21730		21648	2991	2749
2511 Rubber tyres and tubes	28743	32746	36790	36735		12381	12584	13871		12135	1880	1880
2519 Other rubber products	16193	17149	19175	19106		6962	7335	7661		7661	856	870
2520 Plastic products	93739	102544	113066	120697		32596	33798	37635		41224	7174	8445
2610 Glass and glass products	37473	39006	40589	40378		15651	16038	16425		16100	2347	3035
269 Non-metallic mineral products n.e.c.	67658	68505	71956	75135		27115	27101	28677		29908	4183	3782
2691 Pottery, china and earthenware	5165	5273	5445	4915		2401	2402	2429		2252	400	199
2692 Refractory ceramic products	4428	4274	4093	4226		1999	1997	1813		185	185	..b/
2693 Struct. non-refractory clay; ceramic products	6364	6420	6216	6770		3007	2963	3030		3303	633	501
2694 Cement, lime and plaster	42247c/	42490c/	45597c/	52631b/		15288c/	15333c/	16656c/		19630b/	2478c/	2573b/
2695 Articles of concrete, cement and plaster	2338	2321	2336	2441		975	953	980		1007	74	..c/
2696 Cutting, shaping & finishing of stone	7125	7727	8279	8380		3445	3452	3716		3716	413	445
2699 Other non-metallic mineral products n.e.c.												
2710 Basic iron and steel	103993	112860	117079	108376		24878	26421	26403		22250	4516	4157
2720 Basic precious and non-ferrous metals	41399	48016	47655	47613		8109	9265	8865		9504	1493	1423
273 Casting of metals	19365	20484	22887	23322		7451	7868	8444		8610	1271	1382
2731 Casting of iron and steel	10701	11403	12556	12160		4300	4570	4806		4711	636	613
2732 Casting of non-ferrous metals	8664	9081	10330	11162		3151	3298	3639		3900	635	769
281 Struct. metal products; tanks; steam generators	69183	72012	71488	75905		24451	26843	25208		27109	1709	1841
2811 Structural metal products	24432	24430	25095	26989		7331	7469	7674		8307	640	692
2812 Tanks, reservoirs and containers of metal	9716	10758	10214	10214		3644	4104	3767		3723	333	342
2813 Steam generators	35046	36824	36223	38702		15270	15779	13766		15079	776	807
289 Other metal products; metal working services	129197	138223	148277	153423		51900	56034	57816		60224	7767	7716
2891 Metal forging/pressing/stamping/roll-forming	28831	32449	33708	35653		9307	10920	10772		11591	1698	1796
2892 Treatment & coating of metals	42375	45362	50334	52469		19502	20752	22124		22800	2943	2975
2893 Cutlery, hand tools and general hardware	16546	17131	18164	18405		8073	8424	8957		8957	899	881
2899 Other fabricated metal products n.e.c.	41445	43282	46520	46896		15018	15939	16143		16876	2227	2064
291 General purpose machinery	117005	119962	131630	134020		42462	42847	44910		46308	3910	3860
2911 Engines & turbines (not for transport equip.)	13568	11301	11520	10356		3640	2290	1579		2119	241	212
2912 Pumps, compressors, fans and valves	27431	29079	33712	33738		10259	10959	12018		12025	1150	1100
2913 Bearings, gears, gearing & driving elements	12006	12544	13560	13349		5623	5633	5997		5776	957	949
2914 Ovens, furnaces and furnace burners	3471	3143	3209	3156		964	860	908		837	53	62
2915 Lifting and handling equipment	26541	27615	30539	32810		10432	10788	11732		12539	583	624
2919 Other general purpose machinery	33989	36279	39091	40611		11727	12297	12675		13013	926	913

292	Special purpose machinery	82099	86857	86481	25698	27236	28281	28260	2240	2335
2921	Agricultural and forestry machinery	14897	16269	12825	4437	5008	4896	5205	462	530
2922	Machine tools	10750	11000	12869	3905	4033	4074	4393	254	383
2923	Machinery for metallurgy	2598	2549	1856	684	688	627	533	69	47
2924	Machinery for mining & construction	14380	14550	15009	3904	4048	4666	4289	483	369
2925	Food/beverage/tobacco processing machinery	8246	9122	9328	3183	3434	3374	3374	194	204
2926	Machinery for textile, apparel and leather	6091	6684	5396	1679	1992	2008	1761	231	235
2927	Weapons and ammunition	485	462	461	195	195	189	193	20	17
2928	Other special purpose machinery	23227	24132	24943	7922	8088	8387	8511	527	549
2930	Domestic appliances n. e. c.	22808	22759	22991	7789	7923	7354	7554	1212	1103
3000	Office, accounting and computing machinery	69563	77390	81045	22408	21364	24284	24575	2203	2328
3110	Electric motors, generators and transformers	17818	21409	21386	6357	6916	7441	7336	585	760
3120	Electricity distribution & control apparatus	51534	58849	60802	19423	19976	20448	21443	2628	2722
3130	Insulated wire and cable	19868	17683	17856	5803	6077	5416	5633	818	641
3140	Accumulators, primary cells and batteries	7329	7323	6550	2376	2067	1974	1825	353	407
3150	Lighting equipment and electric lamps	7868	8914	8820	3055	3306	3565	2419	323	206
3190	Other electrical equipment n. e. c.	26445	30665	32873	9184	9536	9773	10074	1479	1675
3210	Electronic valves, tubes, etc.	73108	75674	64304	25759	26726	26620	20843	4831	5705
3220	TV/radio transmitters; line comm. apparatus	73159	104003	110318	23254	23829	27808	29108	2808	3036
3230	TV and radio receivers and associated goods	20320	25496	13868	4264	5163	4444	3520	615	492
331	Medical, measuring, testing appliances, etc.	49967	53719	54448	19823	20471	20317	20995	1823	1769
3311	Medical, surgical and orthopaedic equipment	17532	19164	20724	7056	7433	7328	7979	833	958
3312	Measuring/testing/navigating appliances, etc.	22796	24713	21939	9079	9544	9269	8741	807	645
3313	Industrial process control equipment	9639	8975	11785	3677	3494	3720	4275	184	167
3320	Optical instruments & photographic equipment	7595	8634	8336	3342	3429	3479	3269	292	279
3330	Matches and clocks	2980	2698	2585	1184	1147	1120	1054	103	95
3410	Motor vehicles	333828	429345	527398	58934	64629	75717	79513	13823	18352
3420	Automobile bodies, trailers & semi-trailers	15526	18715	19351	4515	4545	5366	5598	434	501
3430	Parts/accessories for automobiles	75591	90272	117601	25895	26483	27066	32619	5223	5934
351	Building and repairing of ships and boats	10313	13459	18084	2910	3057	4174	5214	358	540
3511	Building and repairing of ships	7876	9621	13423	2086	2171	2924	3704	177	292
3512	Building/repairing of pleasure/sport. boats	2437	3839	4661	824	886	1250	1510	180	248
3520	Railway/tramway locomotives & rolling stock	13152	14710	14304	4748	4722	3974	3480	293	287
3530	Aircraft and spacecraft	89312	114161	119289	28548	34724	38760	40853	3762	3650
359	Transport equipment n. e. c.	6427	7142	7234	2021	2085	2149	2133	256	248
3591	Motorcycles	3103	3650	3650	873	823	939	939	...	162
3592	Bicycles and invalid carriages	2637	2528	2528	810	895	802	802	...	55
3599	Other transport equipment n. e. c.	971	...	1055	338	367	...	392	...	31
3610	Furniture	49825	53852	57164	16740	16625	17248	17918	1647	1817
369	Manufacturing n. e. c.	25674	28899	30088	10153	10128	9894	9841	1241	1211
3691	Jewellery and related articles	5843	7034	7485	1982	2003	2102	2202	158	138
3692	Musical instruments	595	649	650	395	395	385	365	28	14
3693	Sports goods	5047	5398	5299	1934	1843	1779	1769	241	183
3694	Games and toys	3986	4127	4338	1296	1300	1287	1216	200	192
3699	Other manufacturing n. e. c.	10203	11691	12316	4572	4588	4342	4289	615	685
3710	Recycling of metal waste and scrap	...	10769	9011	...	...	1713	1574	387	558
3720	Recycling of non-metal waste and scrap	...	4494	4622	...	...	1421	1433	366	282
D	Total manufacturing	...	...	...	...	...	...	...	...	...

a/ 2310 includes 2330.

b/ 2694 includes 2692 and 2695.

c/ 2694 includes 2695.

France

ISIC Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
		Note													
15	Food and beverages	95	97	100	100	101	101	103	105	107	110	112	114		
16	Tobacco products	96	97	100	92	97	88	88	85	88	82	81	79		
17	Textiles	104	104	100	94	93	85	90	87	83	85	85	80		
18	Wearing apparel, fur	112	105	100	97	88	81	80	74	61	55	52	44		
19	Leather, leather products and footwear	98	98	100	93	88	83	82	77	69	68	67	60		
20	Wood products (excl. furniture)	96	101	100	107	101	93	100	97	94	97	99	97		
21	Paper and paper products	94	98	100	103	107	105	112	111	109	115	115	119		
22	Printing and publishing	92	97	100	94	94	92	91	93	92	95	103	109		
23	Coke, refined petroleum products, nuclear fuel	100	99	100	104	101	105	102	103	108	113	117	106		
24	Chemicals and chemical products	94	99	100	102	107	108	114	116	119	123	130	133		
25	Rubber and plastics products	91	97	100	100	103	98	107	110	111	117	124	130		
26	Non-metallic mineral products	96	97	100	96	92	85	92	94	91	93	96	96		
27	Basic metals	98	101	100	98	95	87	97	97	95	102	105	103		
28	Fabricated metal products	94	100	100	96	91	83	88	95	95	101	107	111		
29	Machinery and equipment n.e.c.	92	96	100	93	90	84	89	94	96	99	102	103		
30	Office, accounting and computing machinery	...	...	100	93	90	84	89	94	88	124	150	167
31	Electrical machinery and apparatus	90	96	100	99	99	95	98	101	99	103	111	112		
32	Radio, television and communication equipment	94	97	100	98	101	99	103	110	123	140	175	180		
33	Medical, precision and optical instruments	98	97	100	101	101	101	97	93	98	98	97	97		
34	Motor vehicles, trailers, semi-trailers	92	101	100	99	98	85	97	103	104	113	129	141		
35	Other transport equipment	99	104	100	107	95	91	91	79	82	88	98	98		
36	Furniture, manufacturing n.e.c.	93	96	100	97	95	93	95	100	98	98	109	111		
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	95	99	100	99	98	93	98	100	100	105	111	114		

GERMANY

<p>Supplier of information: 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>Basic source of data: Monthly inquiry.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Establishments with 20 or more persons engaged.</p> <p>Method of enumeration: Complete enumeration.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: Number of persons engaged 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>Related national publications: 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 Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees			
	(numbers)				(thousands)				(million MARKS)			
	1996	1997	1998a/	1999a/	1996	1997	1998	1999	1996	1997	1998	1999
ISIC Industry	Note				Note				Note			
151 Processed meat, fish, fruit, vegetables, fats	1907	1800	1404	1492	162.4	153.6	148.6	157.7	6935	6563	6354	6882
1511 Processing/preserving of meat	1469	1365	1103	1176	114.0	109.9	105.4	114.0	4550	4388	4132	4579
1512 Processing/preserving of fish	10	103	62	66	11.8	11.3	8.6	9.6	497	480	391	462
1513 Processing/preserving of fruit & vegetables	291	296	213	25	28.1	27.0	26.7	26.4	1343	1290	1290	1273
1514 Vegetable and animal oils and fats	37	34	26	25	7.9	5.5	7.8	7.7	545	405	541	568
1520 Dairy products	325	314	194	191	47.0	44.7	43.0	41.5	2631	2538	2482	2533
153 Grain mill products	331	325	185	187	21.8	21.9	22.3	22.3	1401	1439	1419	1400
1531 Grain mill products	94	92	72	69	7.1	7.1	7.7	8.2	414	411	440	434
1532 Starches and starch products	21	21	9	10	2.6	3.0	2.7	2.6	177	209	192	187
1533 Prepared animal feeds	218	212	104	108	12.1	11.8	11.2	11.5	810	819	787	778
154 Other food products	3018	2858	2443	2627	254.7	253.3	284.1	298.2	10351	10495	10573	12037
1541 Bakery products	2543	2380	2087	2274	169.0	168.1	193.6	210.4	5456	5535	5679	6655
1542 Sugar	46	40	12	12	7.6	6.9	7.5	7.6	514	476	534	536
1543 Cocoa, chocolate and sugar confectionery	161	159	133	129	35.0	33.7	33.5	29.7	1650	1650	1653	1556
1544 Macaroni, noodles & similar products	30	30	29	29	2.8	2.7	2.9	2.5	157	150	172	135
1549 Other food products n.e.c.	238	249	182	183	40.3	41.9	46.6	47.9	2555	2684	2935	3156
155 Beverages	871	836	664	621	82.1	77.8	77.3	74.3	2684	2684	2935	3156
1551 Distilling, rectifying & blending of spirits	125	119	96	...	7.0	6.2	5.7	...	399	349	323	...
1552 Wines	34	28	38	...	3.1	2.8	3.1	...	399	349	323	...
1553 Malt liquors and malt	473	459	377	376	47.2	44.3	41.8	39.9	3063	2923	2919	2816
1554 Soft drinks; mineral waters	239	230	153	149	24.8	24.5	27.0	27.1	1432	1426	1713	1781
1600 Tobacco products	36	33	23	22	13.8	13.0	13.0	12.6	1076	1007	1099	1068
171 Spinning, weaving and finishing of textiles	508	463	378	368	63.8	59.1	55.2	52.4	...	...	2901	2696
1711 Textile fibre preparation; textile weaving	332	301	246	238	45.3	41.8	40.3	38.0	...	...	2101	1958
1712 Finishing of textiles	176	162	132	130	18.5	17.3	14.9	14.4	916	866	800	739
172 Other textiles	637	604	523	527	53.6	52.3	52.9	52.6	2503	2475	2607	2576
1721 Made-up textile articles, except apparel	328	305	245	243	21.4	20.3	18.7	18.6	861	787	800	767
1722 Carpets and rugs	60	57	53	53	8.9	8.5	9.1	8.7	472	453	481	484
1723 Cordage, rope, twine and netting	20	19	16	22	1.1	1.0	0.9	1.2	42	40	42	50
1729 Other textiles n.e.c.	223	213	213	209	22.2	22.0	23.0	24.0	1128	1159	1209	1278
1730 Knitted and crocheted fabrics and articles	257	237	178	170	22.2	20.7	18.2	17.2	910	853	767	745
1810 Wearing apparel, except fur apparel	1095	928	670	606	93.2	83.9	77.1	71.3	3760	3497	3441	3317
1820 Dressing & dyeing of fur; processing of fur	10	10	9	6	0.4	0.5	0.5	0.4	19	18	18	16
191 Tanning, dressing and processing of leather	166	150	123	112	11.2	10.0	9.3	8.3	460	414	409	361
1911 Tanning and dressing of leather	33	29	27	25	3.0	2.5	3.0	3.1	152	123	155	157
1912 Luggage, handbags, etc.; Saddlery & harness	133	121	96	87	8.2	7.5	6.2	5.2	308	291	254	205
1920 Footwear	180	165	133	123	20.2	19.0	16.4	15.4	947	919	769	702
2010 Sawmilling and planing of wood	889	840	315	301	25.1	24.5	20.1	18.5	1194	1191	1028	920
202 Products of wood, cork, straw, etc.	1354	1282	1096	1053	99.0	94.8	92.8	92.7	5190	5023	5008	5149
2021 Veneer sheets, plywood, particle board, etc.	151	139	109	108	21.4	20.7	20.3	20.3	1226	1226	1226	1290
2022 Builders' carpentry and joinery	893	842	734	699	61.1	57.8	56.4	55.4	3169	3003	2958	3018
2023 Wooden containers	127	124	100	102	5.1	5.1	5.4	5.4	250	248	263	271
2029 Other wood products; articles of cork/straw	183	177	153	144	11.4	11.2	10.8	11.6	545	546	528	570
210 Paper and paper products	1059	1041	860	861	132.7	148.3	149.9	150.9	8962	8886	9397	9587
2101 Pulp, paper and paperboard	205	207	165	167	27.9	46.2	46.2	45.5	3067	3045	3178	3316
2102 Corrugated paper and paperboard	502	488	397	399	54.4	53.1	52.6	52.5	2998	2952	3023	3077
2109 Other articles of paper and paperboard	352	346	298	295	50.4	49.0	51.2	51.9	2897	2888	3196	3194
221 Publishing of books and other publications	831	799	799	817	112.4	112.4	130.2	162.8	8117	9993	9993	9729
2211 Publishing of newspapers, journals, etc.	199	202	195	202	21.7	23.3	24.1	24.5	1479	1594	1649	1713
2212 Publishing of newspapers, journals, etc.	598	597	598	598	88.1	89.9	103.2	135.3	6501	6633	8174	7864
2213 Publishing of recorded media	6	...	5	5	0.5	...	...	0.7	26	...	...	46
2219 Other publishing	29	...	30	25	2.2	...	...	2.3	111	...	...	107

222 Printing and related service activities	2058	1722	1728	146.3	138.9	130.2	135.6	9241	8735	8462	7965
2221 Printing	1614	1375	1371	126.7	119.5	110.6	115.4	8114	7609	7421	6866
2222 Service activities related to printing	444	347	357	19.5	19.4	19.4	20.2	1127	1126	1042	1099
2230 Reproduction of recorded media	...	23	24	0.8	...	5.3	5.8	...	...	350	357
2310 Coke oven products	8	...	...	2.2	19.9	1.9	...	146	...	133	...
2320 Refined petroleum products	72	...	...	21.2	...	18.8	...	1739	1725	1704	...
2330 Processing of nuclear fuel	3	...	...	1.1	...	0.9	...	95	...	82	...
241 Basic chemicals	436	273	284	239.7	226.8	214.1	210.3	19646	19877	19099	18884
2411 Basic chemicals, except fertilizers	288	152	...	131.1	...	76.5	...	10933	...	6399	...
2412 Fertilizers and nitrogen compounds	22	14	17	4.6	6.7	10.6	10.7	302	659	706	735
2413 Plastics in primary forms; synthetic rubber	127	107	...	104.0	98.4	98.4	...	8411	8353	8353	...
242 Other chemicals	1236	948	964	255.2	252.6	258.8	256.3	18545	18549	20325	20228
2421 Plastics and other agro-chemical products	24	23	16	4.5	4.4	4.4	4.3	345	344	395	426
2422 Paints, varnishes, printing ink and mastics	327	316	250	43.0	42.1	45.4	45.2	2895	3317	3317	3317
2423 Pharmaceuticals, medicinal chemicals, etc.	327	260	261	101.8	104.7	110.5	110.0	7699	8053	9270	9142
2424 Soap, cleaning & cosmetic preparations	244	197	198	58.2	52.8	50.8	47.6	3675	3762	3580	3612
2429 Other chemical products n.e.c.	315	228	239	49.7	48.6	47.7	49.3	3659	3568	3580	3732
2430 Man-made fibres	44	32	35	22.7	21.1	20.9	20.0	1453	1376	1472	1327
251 Rubber products	294	228	244	78.3	76.9	79.9	76.7	4713	4746	5135	5058
2511 Rubber tyres and tubes	42	26	32	24.6	23.6	25.8	25.6	1629	1615	1833	1906
2519 Other rubber products	252	202	212	53.3	53.3	54.1	51.1	3304	3151	3151	3151
2520 Plastic products	2737	2343	2382	2702.6	269.2	272.1	274.4	14613	14639	15334	15559
2610 Glass and glass products	425	340	351	67.0	65.1	63.7	64.4	3825	3706	3715	3826
269 Non-metallic mineral products n.e.c.	3404	3368	1646	203.2	193.3	187.3	184.8	11234	11103	11234	11338
2691 Pottery china and earthenware	189	142	118	32.6	30.7	30.1	28.5	1473	1398	1429	1429
2692 Refractory ceramic products	73	54	53	8.8	8.7	8.4	7.8	547	541	549	516
2693 Struct non-refractory clay; ceramic products	255	248	179	22.0	20.3	19.7	19.5	1225	1146	1151	1196
2694 Cement, lime and plaster	115	56	54	17.5	17.2	16.3	15.4	1169	1164	1182	1112
2695 Articles of concrete, cement and plaster	2312	955	943	90.4	86.2	82.3	83.2	5295	5058	5021	5133
2696 Cutting, shaping & finishing of stone	199	158	150	8.7	7.8	7.6	7.1	427	393	366	363
2699 Other non-metallic mineral products n.e.c.	258	150	149	23.3	22.4	22.9	23.3	1451	1403	1521	1595
2710 Basic iron and steel	433	326	332	150.0	144.4	141.9	133.3	9265	9353	9565	9182
2720 Basic precious and non-ferrous metals	224	170	180	62.3	61.4	65.8	59.0	4187	4274	4643	4360
273 Casting of metals	463	399	401	67.3	65.6	65.0	62.5	3962	3930	4028	3867
2731 Casting of iron and steel	209	176	177	39.2	38.1	38.1	36.3	2372	2341	2382	2324
2732 Casting of non-ferrous metals	254	223	224	28.1	27.3	26.9	26.2	1590	1589	1647	1542
281 Structural metal products; tanks; steam generators	2639	2238	2282	208.0	198.2	195.6	192.9	12054	11517	11768	11859
2811 Structural metal products	2124	1832	1881	136.9	131.9	130.5	130.4	7370	7116	7232	7232
2812 Tanks, reservoirs and containers of metal	238	192	188	31.1	30.1	29.9	29.7	1856	1813	1870	1924
2813 Steam generators	277	264	213	40.0	36.2	35.2	32.8	2828	2588	2686	2703
289 Other metal products; metal working services	4359	3624	3758	382.7	376.7	396.9	400.2	21579	21571	23511	24076
2891 Metal forging/pressing/stamping/roll-forming	600	581	607	70.6	70.5	77.3	77.8	4075	4137	4721	4892
2892 Treatment & coating of metals	170	198	117	61.9	63.3	69.8	71.2	3267	3358	3709	3981
2893 Cutlery, hand tools and general hardware	921	802	805	109.7	108.4	111.9	111.8	5367	5410	5854	7111
2899 Other fabricated metal products n.e.c.	1678	1124	1139	140.5	134.5	137.8	136.4	7870	7666	8226	8091
291 General purpose machinery	3204	2571	2614	493.7	476.0	472.4	473.5	33244	32503	33243	34281
2911 Engines & turbines (not for transport equip.)	73	44	45	41.9	42.2	25.6	24.3	3646	3689	2000	1964
2912 Pumps, compressors, fans and valves	734	602	588	125.7	120.0	122.8	119.7	8243	7982	8482	8431
2913 Bearings, gears, gearing & driving elements	316	283	289	77.3	75.9	75.2	75.4	4910	4905	5044	5214
2914 Ovens, furnaces and furnace burners	105	113	89	13.1	13.0	11.6	12.0	931	936	812	867
2915 Lifting and handling equipment	737	557	585	80.6	77.5	77.4	80.1	5422	5266	5686	6180
2919 Other general purpose machinery	1239	1001	1018	155.2	147.4	159.7	162.0	10092	11220	11624	11624
292 Special purpose machinery	3487	3011	3083	462.2	443.6	447.9	437.1	30817	30305	31785	31346
2921 Agricultural and forestry machinery	220	206	151	36.1	36.2	30.7	27.2	2399	2339	1975	1728
2922 Machine tools	975	823	845	124.3	118.0	118.0	120.6	8314	7992	8670	8670
2923 Machinery for metallurgy	75	68	71	13.5	10.7	14.4	10.2	1029	892	1256	822
2924 Machinery for mining & construction	282	269	214	44.9	40.7	41.4	41.3	2966	2809	2966	3016
2925 Food/beverage/tobacco processing machinery	240	198	191	28.0	26.6	23.7	22.1	1689	1796	1682	1606
2926 Machinery for textile, apparel and leather	221	193	200	47.3	44.0	43.3	39.5	3065	2941	3075	2843
2927 Weapons and ammunition	36	29	30	9.6	9.6	10.6	12.2	726	650	793	997
2929 Other special purpose machinery	1438	1338	1380	155.2	157.9	165.9	164.1	10410	10886	11742	11665
2930 Domestic appliances n.e.c.	205	156	149	75.4	72.3	73.9	70.0	4648	4551	4911	4979

continued

Germany

ISIC Revision 3	Number of establishments				Number of persons engaged				Wages and salaries paid to employees (million MARKS)			
	(numbers)				(thousands)				(million MARKS)			
	1996	1997	1998a/	1999a/	1996	1997	1998	1999	1996	1997	1998	1999
ISIC Industry	Note				Note				Note			
3000 Office, accounting and computing machinery	204	213	158	162	45.1	45.6	52.1	43.1	3800	3608	4953	3787
3110 Electric motors, generators and transformers	520	498	412	417	76.0	71.0	60.1	60.8	4722	4407	3664	3755
3120 Electricity distribution & control apparatus	1026	987	736	768	240.6	227.5	294.4	231.8	17284	16571	12217	23185
3130 Insulated wire and cable	114	116	102	113	23.2	22.2	19.0	22.1	1489	1457	1221	1449
3140 Accumulators, primary cells and batteries	31	29	20	20	9.4	8.6	8.3	7.8	607	541	541	542
3150 Lighting equipment and electric lamps	282	277	243	250	35.0	34.7	36.0	36.6	2003	2014	2183	2168
3190 Other electrical equipment n.e.c.	402	409	317	341	88.7	84.7	70.6	76.6	5415	5210	4241	4961
3210 Electronic valves, tubes, etc.	281	276	224	232	61.7	61.4	43.5	55.1	4235	4313	2795	3404
3220 TV/radio transmitters; line comm. apparatus	139	141	100	115	53.4	53.4	51.9	55.9	4208	4449	4501	4986
3230 TV and radio receivers and associated goods	180	162	137	137	37.4	31.3	43.5	41.2	2322	2005	3030	2898
331 Medical, measuring, testing appliances, etc.	2093	2074	1899	1677	196.4	192.1	182.1	184.9	12604	12399	11796	12227
3311 Medical, surgical and orthopaedic equipment	1215	1203	973	921	86.0	85.9	74.8	72.5	5055	5114	4137	4120
3312 Measuring/testing/navigation appliances, etc.	799	788	669	689	102.5	98.2	99.0	103.0	6941	6657	6998	7331
3313 Industrial process control equipment	79	83	67	67	8.0	8.1	8.3	9.5	608	628	661	776
3320 Optical instruments & photographic equipment	181	173	128	130	32.6	31.1	26.6	26.5	2046	1994	1706	1804
3330 Watches and clocks	74	64	52	50	6.4	5.6	4.7	5.3	359	322	264	298
3410 Motor vehicles	92	87	59	63	396.3	400.6	510.6	521.3	32157	32919	42848	45733
3420 Automobile bodies, trailers & semi-trailers	389	358	317	324	41.8	41.4	38.6	37.6	2267	2333	2194	2202
3430 Parts/accessories for automobiles	591	610	461	502	246.3	256.3	257.0	265.9	16815	17455	17706	18860
351 Building and repairing of ships and boats	110	110	97	102	32.0	28.4	26.0	24.6	1902	1756	1627	1621
3511 Building and repairing of ships	87	85	77	83	30.0	26.2	23.6	22.5	1790	1632	1505	1498
3512 Building/repairing of pleasure/sport. boats	23	25	20	19	2.0	2.3	2.4	2.1	112	124	122	122
3520 Railway/tramway locomotives & rolling stock	144	138	55	64	61.2	55.4	25.4	25.9	3419	3227	1838	1885
3530 Aircraft and spacecraft	85	90	62	60	59.1	58.6	64.4	68.5	4814	4931	5674	6165
359 Transport equipment n.e.c.	80	75	65	62	12.3	11.5	9.6	9.5	667	670	527	535
3591 Motorcycles	9	9	8	8	2.4	2.4	0.9	0.8	171	200	52	51
3592 Bicycles and invalid carriages	55	52	46	43	7.4	6.6	6.5	6.3	366	341	345	352
3599 Other transport equipment n.e.c.	16	14	11	11	2.4	2.4	2.2	2.4	130	129	130	133
3610 Furniture	1693	1600	1315	1301	179.7	171.7	165.1	161.1	9577	9185	9235	9083
369 Manufacturing n.e.c.	786	722	604	611	66.8	63.2	60.4	60.1	3173	2965	2957	2957
3691 Jewellery and related articles	143	115	108	108	7.9	6.9	7.2	7.6	379	351	388	388
3692 Musical instruments	88	85	71	66	5.7	5.3	5.0	4.8	277	263	263	260
3693 Sports goods	55	52	46	46	5.0	4.6	4.6	5.0	237	215	256	251
3694 Games and toys	154	138	113	106	16.6	15.3	14.6	13.8	768	729	688	657
3699 Other manufacturing n.e.c.	346	332	284	285	31.6	31.1	28.6	28.9	1512	1513	1407	1401
3710 Recycling of metal waste and scrap	58	70	45	40	3.1	3.3	3.3	3.3	160	164	173	194
3720 Recycling of non-metal waste and scrap	77	94	62	74	4.4	4.2	3.8	4.0	210	207	197	198
D Total manufacturing	48850	47459	37587	38205	6460.1	6267.7	6379.3	6402.5	404612	398828	423437	430353

a/ Number of enterprises.

Germany

ISIC Industry	Output in producers' prices (million MARKS)				Value added in factor values (million MARKS)				Gross fixed capital formation (million MARKS)			
	Note	1996	1997	1998a/	Note	1996	1997	1998	1999	Note	1998	1999
		1998a/	1998a/	1999		1998	1999	1998	1999			
ISIC Industry												
151 Processed meat, fish, fruit, vegetables, fats		63831	65905	57873	59262	11390	12289	12289	12289		11390	12289
1511 Processing/preserving of meat		39688	41475	34185	34705	7483	7760	7483	7760		7483	7760
1512 Processing/preserving of fish		3603	3604	2692	3171	638	816	638	816		638	816
1513 Processing/preserving of fruit & vegetables		12531	12285	11177	12308	2330	2600	2330	2600		2330	2600
1514 Vegetable and animal oils and fats		8099	8541	9819	9077	939	1113	939	1113		939	1113
1520 Dairy products		39794	39396	34854	35680	4547	4950	4547	4950		4547	4950
153 Grain mill products; starches; animal feeds		16653	16672	13614	13023	2908	2883	2908	2883		2908	2883
1531 Grain mill products		4436	4446	4058	4017	756	751	756	751		756	751
1532 Starches and starch products		1991	2056	1625	1679	430	456	430	456		430	456
1533 Prepared animal feeds		10224	10170	7931	7427	1722	1676	1722	1676		1722	1676
154 Other food products		65104	67625	65124	66105	20327	21660	20327	21660		20327	21660
1541 Bakery products		20500	21713	20505	22491	9517	10516	9517	10516		9517	10516
1542 Sugar		6445	6383	5943	6026	1497	1734	1497	1734		1497	1734
1543 Cocoa, chocolate and sugar confectionery		15376	14918	16628	11905	3916	3255	3916	3255		3916	3255
1544 Macaroni, noodles & similar products		991	989	898	784	206	231	206	231		206	231
1549 Other food products n.e.c.		21792	23622	21150	24899	5191	5924	5191	5924		5191	5924
155 Beverages		7615	6758	37852	36953	10393	10374	10393	10374		10393	10374
1551 Distilling, rectifying & blending of spirits		7615	6758	37852	36953	10393	10374	10393	10374		10393	10374
1552 Wines		20224	20043	18087	17696	6027	5915	6027	5915		6027	5915
1553 Malt liquors and malt		11467	11770	11682	11607	3385	3414	3385	3414		3385	3414
1594 Soft drinks; mineral waters		29633	29593	26357	27873	2989	3366	2989	3366		2989	3366
1600 Tobacco products	
171 Spinning, weaving and finishing of textiles		13371	12108	4310	4016	4310	4016		4310	4016
1711 Textile fibre preparation; textile weaving		3381	3377	3067	3377	3129	2960	3129	2960		3129	2960
1712 Finishing of textiles		12117	12456	12113	12216	4317	1056	4317	1056		4317	1056
172 Other textiles		4153	4127	3629	3769	1322	1225	1322	1225		1322	1225
1721 Made-up textile articles, except apparel		2386	2379	2337	2383	764	749	764	749		764	749
1722 Carpets and rugs		210	216	...	230	...	91	...	91		...	91
1723 Cordage, rope, twine and netting		5368	5734	...	5833	...	2206	...	2206		...	2206
1729 Other textiles n.e.c.		4485	4057	3429	3382	1286	1222	1286	1222		1286	1222
1730 Knitted and crocheted fabrics and articles		22401	22483	20325	19576	5456	5179	5456	5179		5456	5179
1810 Wearing apparel, except fur apparel		62	60	67	56	30	27	30	27		30	27
1820 Dressing & dyeing of fur; processing of fur		2309	2111	1966	2043	636	592	636	592		636	592
191 Tanning, dressing and processing of leather		876	793	974	1013	246	265	246	265		246	265
1911 Tanning and dressing of leather		1433	1318	992	1030	328	328	328	328		328	328
1912 Luggage, handbags, etc.; saddlery & harness		6236	6505	4465	4218	1212	1207	1212	1207		1212	1207
1920 Footwear		7325	7919	6065	6200	1731	1660	1731	1660		1731	1660
2010 Sawmilling and planing of wood		23617	24061	23494	23939	8024	8370	8024	8370		8024	8370
202 Products of wood, cork, straw, etc.		6458	7067	7373	7365	2220	2336	2220	2336		2220	2336
2021 Veneer sheets, plywood, particle board, etc.		13521	13312	12726	13134	4540	4728	4540	4728		4540	4728
2022 Builders' carpentry and joinery		1242	1268	1143	1143	409	402	409	402		409	402
2023 Wooden containers		2396	2414	2252	2226	855	903	855	903		855	903
2029 Other wood products; articles of cork/straw		50319	50445	50489	52440	16982	17658	16982	17658		16982	17658
210 Paper and paper products		20701	22057	22516	23931	7094	7437	7094	7437		7094	7437
2101 Pulp, paper and paperboard		13320	13341	13216	13900	4781	5058	4781	5058		4781	5058
2102 Corrugated paper and paperboard		16298	15047	14758	15609	5107	5162	5107	5162		5107	5162
2109 Other articles of paper and paperboard		38573	10785	45562	48299	17681	18660	17681	18660		17681	18660
221 Publishing		10140	10785	10876	10876	3025	3312	3025	3312		3025	3312
2211 Publishing of books and other publications		27806	31689	34653	36710	14271	15072	14271	15072		14271	15072
2212 Publishing of newspapers, journals, etc.		162	162	162	162	93	93	93	93		93	93
2213 Publishing of recorded media		465	465	465	465	183	183	183	183		183	183
2219 Other publishing	

cont inued

Germany

ISIC Industry	Output in producers' prices (million MARKS)				Value added in factor values (million MARKS)				Gross fixed capital formation (million MARKS)				
	Note	1996	1997	1998a/	1999a/	Note	1996	1997	1998	1999	Note	1998	1999
		1996	1997	1998a/	1999a/		1996	1997	1998	1999			
ISIC Industry													
222 Printing and related service activities		31889	29884	29682	31045		...	...	13379	13782		...	...
2221 Printing		29021	26963	26837	27949		...	...	11923	11934		...	...
2222 Service activities related to printing		2868	2921	2844	3096		...	...	699	1848		...	...
2230 Reproduction of recorded media		118433	130189	...	1675		...	...	...	704		...	...
2310 Coke oven products	
2320 Refined petroleum products	
2330 Processing of nuclear fuel	
241 Basic chemicals		107900	117242	101268	101314		...	...	34748	33005		...	...
2411 Basic chemicals, except fertilizers		56926	...	...	...		...	...	...	...		...	...
2412 Fertilizers and nitrogen compounds		2100	2271	3350	3299		...	...	1206	1202		...	...
2413 Plastics in primary forms; synthetic rubber		48874	106357	94808	99092		...	...	32754	35737		...	...
242 Other chemicals		100704	2232	2122	2089		...	...	5457	6169		...	...
2421 Pesticides and other agro-chemical products		2033	17379	15347	16304		...	...	14170	16201		...	...
2422 Paints, varnishes, printing ink and mastics		16779	40619	39033	41442		...	...	6260	5702		...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		37034	23490	20414	20010		...	...	6172	6797		...	...
2424 Soap, cleaning & cosmetic preparations		23400	17891	19247	19247		...	...	2694	2394		...	...
2429 Other chemical products n.e.c.		21458	7492	8238	7552		...	...	...	...		...	...
2430 Man-made fibres		7050	...	...	...		...	...	...	...		...	...
251 Rubber products		20490	21308	18971	19366		...	...	7949	8239		...	...
2511 Rubber tyres and tubes		9307	9785	7615	3105		...	...	3105	3406		...	...
2519 Other rubber products		11183	11523	11296	4845		...	...	4845	4834		...	...
2520 Plastic products		66192	68959	67713	69266		...	...	26538	27054		...	...
2610 Glass and glass products		15117	15394	15258	15694		...	...	6368	6589		...	...
269 Non-metallic mineral products n.e.c.		55159	54810	48951	50654		...	...	20110	20709		...	...
2691 Pottery, china and earthenware		4167	4196	4055	4055		...	...	875	798		...	...
2692 Refractory ceramic products		2491	2621	2364	2131		...	...	2149	2272		...	...
2693 Struct.non-refractory clay; ceramic products		5056	4879	4451	4594		...	...	2795	2524		...	...
2694 Cement, lime and plaster		7063	7166	6444	6232		...	...	8734	9287		...	...
2695 Articles of concrete, cement and plaster		27701	27104	23875	25694		...	...	532	530		...	...
2696 Cutting, shaping & finishing of stone		1551	1461	1233	1188		...	...	2594	2802		...	...
2699 Other non-metallic mineral products n.e.c.		7120	7383	6272	6760		...	...	...	...		...	...
2710 Basic iron and steel		51581	55749	59224	50395		...	...	16505	14304		...	...
2720 Basic precious and non-ferrous metals		29098	31540	31051	30074		...	...	8415	8365		...	...
2731 Casting of metals		11753	12622	13751	12951		...	...	6285	5782		...	...
2733 Casting of iron and steel		6905	7226	7676	7140		...	...	3639	3453		...	...
2732 Casting of non-ferrous metals		4848	5395	6075	5811		...	...	2646	2328		...	...
281 Structural metal products;tanks;steam generators		48493	48456	46277	46999		...	...	16871	17351		...	...
2811 Structural metal products		30011	30449	30585	30716		...	...	10642	11258		...	...
2812 Tanks, reservoirs and containers of metal		8369	8591	7095	6950		...	...	2919	2857		...	...
2813 Steam generators		10113	9416	8597	9333		...	...	3310	3236		...	...
289 Other metal products; metal working services		78078	82480	85971	87691		...	...	37872	38840		...	...
2891 Metal forging/pressing/stamping/roll-forming		14238	15490	13351	14562		...	...	7426	7492		...	...
2892 Treatment & coating of metals		10127	11157	12829	13507		...	...	6043	6896		...	...
2893 Cutlery, hand tools and general hardware		21917	23277	23820	24236		...	...	11470	11470		...	...
2899 Other fabricated metal products n.e.c.		31796	32596	32190	32387		...	...	13046	13180		...	...
291 General purpose machinery		123317	125258	122409	123309		...	...	50669	50029		...	...
2911 Engines & turbines(not for transport equip.)		13964	15054	8718	8543		...	...	2622	2497		...	...
2912 Pumps, compressors, taps and valves		30702	30760	29704	28917		...	...	13576	12917		...	...
2913 Bearings, gears, gearing & driving elements		17492	18503	17102	17635		...	...	7967	7967		...	...
2914 Ovens, furnaces and furnace burners		3408	3464	2954	2993		...	...	1233	1261		...	...
2915 Lifting and handling equipment		19488	19497	20177	20703		...	...	8103	8320		...	...
2919 Other general purpose machinery		38263	37980	43754	44619		...	...	17203	17066		...	...

292 Special purpose machinery	113659	120566	123228	119131	...	...	48006	45853	...
2921 Agricultural and forestry machinery	11012	10540	10682	9320	...	...	3302	2805	...
2922 Machine tools	29147	29947	30221	31981	...	...	12483	12726	...
2923 Machinery for metallurgy	3658	3111	5030	4006	...	...	1654	1354	...
2924 Machinery for mining & construction	12596	13586	12438	12438	...	...	4466	4118	...
2925 Food/beverage/tobacco processing machinery	6637	6570	5723	5221	...	...	2416	2344	...
2926 Machinery for textile, apparel and leather	10660	11048	10902	8600	...	...	4672	3313	...
2927 Weapons and ammunition	2286	2359	2751	3455	...	...	1077	1408	...
2929 Other special purpose machinery	37663	43405	45165	44110	...	...	17936	17785	...
2930 Domestic appliances n. e. c.	23206	24608	20925	20622	...	...	8024	7847	...
3000 Office, accounting and computing machinery	26442	27405	25674	23265	...	...	8075	7220	...
3100 Electric motors, generators and transformers	14599	17094	14123	16038	...	...	5999	5956	...
3120 Electricity distribution & control apparatus	72486	59924	93778	91096	...	...	32280	34524	...
3130 Insulated wire and cable	6242	7664	6178	7358	...	...	1778	2021	...
3140 Accumulators, primary cells and batteries	2462	2572	2092	2092	...	...	697	697	...
3150 Lighting equipment and electric lamps	9055	9466	7760	7874	...	...	3751	3743	...
3190 Other electrical equipment n. e. c.	22177	21780	17813	20062	...	...	6766	7598	...
3210 Electronic valves, tubes, etc.	11243	19972	11319	17350	...	...	4506	6774	...
3220 TV/radio transmitters; line comm. apparatus	15256	25714	16085	21831	...	...	5617	6492	...
3230 TV and radio receivers and associated goods	12770	12154	13645	13372	...	...	4917	4515	...
331 Medical, measuring, testing appliances, etc.	42491	44741	39906	41954	...	...	18049	18432	...
3311 Medical, surgical and orthopaedic equipment	18013	19026	13585	13696	...	...	6628	6767	...
3312 Measuring/testing/navigating appliances, etc.	22271	23468	23975	25404	...	...	10489	10570	...
3313 Industrial process control equipment	2207	2248	2346	2854	...	...	932	1095	...
3320 Optical instruments & photographic equipment	7667	7526	5705	5916	...	...	2594	2752	...
3330 Watches and clocks	1350	1303	1030	1108	...	...	401	460	...
3410 Motor vehicles	217160	239458	259565	282569	...	...	66738	64208	...
3420 Automobile bodies, trailers & semi-trailers	9935	12890	11218	11346	...	...	3401	3357	...
3430 Parts/accessories for automobiles	56457	63600	74573	81488	...	...	27736	29518	...
351 Building and repairing of ships and boats	8490	8225	8497	8783	...	...	2619	2487	...
3511 Building and repairing of ships	7357	7779	7605	7754	...	...	2340	2206	...
3512 Building/repairing of pleasure/sport boats	1133	446	892	1029	...	...	279	281	...
3520 Railway/tramway locomotives & rolling stock	5575	6618	7816	8399	...	...	1980	2383	...
3530 Aircraft and spacecraft	16037	20366	23803	28042	...	...	8965	10946	...
359 Transport equipment n. e. c.	3136	3108	2329	2275	...	...	784	796	...
3591 Motorcycles	819	866	183	172	...	...	96	64	...
3592 Bicycles and invalid carriages	1823	1776	1696	1614	...	...	521	525	...
3599 Other transport equipment n. e. c.	494	466	450	490	...	...	207	207	...
3610 Furniture	42890	42055	40058	40648	...	...	14031	14093	...
369 Manufacturing n. e. c.	12820	...	11396	10975	...	...	5074	4797	...
3691 Jewellery and related articles	1597	...	1500	1585	...	...	596	667	...
3692 Musical instruments	756	716	631	667	...	...	362	376	...
3693 Sports goods	1053	1048	1034	1036	...	...	410	412	...
3694 Games and toys	3271	3072	2845	2634	...	...	1185	1042	...
3699 Other manufacturing n. e. c.	6143	6511	5366	5053	...	...	2522	2300	...
3710 Recycling of metal waste and scrap	1281	1922	1639	1364	...	...	286	297	...
3720 Recycling of non-metal waste and scrap	905	950	830	895	...	...	337	349	...
D Total manufacturing	2063339	2174872	2080845	2136858	...	...	687180	693913	...

a/ Output (valuation undetermined).

HUNGARY

<p>Supplier of information: Hungarian Central Statistical Office, Budapest. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>Basic source of data: Annual structural business statistics. The employment data result from the labor statistical survey.</p> <p>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).</p> <p>Reference period (if not calendar year):</p> <p>Scope: Enterprises with 5 or more employees.</p> <p>Method of enumeration: Questionnaires are distributed by mail.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <u>Wages and salaries</u> refers to full time employees only and includes direct remuneration and bonuses, payments for time not worked as well as benefits in kind and premiums. <u>Output</u> is the production value based on sales including changes in stocks and the resale of goods and services. <u>Value added</u> is the gross value added derived from operating activities.</p> <p>Related national publications: Munkaügyi statisztika and Beruházásstatisztika, both published by the Hungarian Central Statistical Office, Budapest.</p>
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222 Printing and related service activities	2768	13306	14393	135641	165945
2221 Printing	1431	9320	10027	79448	89795
2222 Service activities related to printing	1337	3986	4366	56193	67150
2230 Reproduction of recorded media	292	278	410	84051	91366
2310 Coke oven products	...	...	...	...	...
2320 Refined petroleum products	...	...	...	...	...
2330 Processing of nuclear fuel	...	...	...	...	...
241 Basic chemicals	223	14841	14285	298046	338160
2411 Basic chemicals, except fertilizers	136	4571	4514	102429	119592
2412 Fertilizers and nitrogen compounds	20	2455	2269	93370	100502
2413 Plastics in primary forms; synthetic rubber	66	7815	7502	102247	118066
242 Other chemicals	450	24245	22870	487649	595340
2421 Pesticides and other agro-chemical products	26	328	676	88687	129464
2422 Paints, varnishes, printing ink and mastics	74	1949	1873	98190	114077
2423 Pharmaceuticals, medicinal chemicals, etc.	91	15778	14868	136254	157994
2424 Soap, cleaning & cosmetic preparations	124	2721	2588	90322	104982
2429 Other chemical products n.e.c.	135	1991	1950	88823	88823
2430 Man-made fibres	7	1478	1315	81066	92921
251 Rubber products	198	7404	7384	166317	194870
2511 Rubber tyres and tubes	55	3124	3124	96288	116465
2519 Other rubber products	143	4277	4260	70029	78405
2520 Plastic products	1365	22407	23996	68574	76943
2610 Glass and glass products	207	8613	7599	67840	78063
269 Non-metallic mineral products n.e.c.	930	25361	24247	560204	650814
2691 Pottery, china and earthenware	184	7190	6794	74835	86188
2692 Refractory ceramic products	31	876	732	105864	129947
2693 Struct.non-refractory clay; ceramic products	111	5391	5008	68407	81430
2694 Cement, lime and plaster	40	2359	2323	113964	124998
2695 Articles of concrete, cement and plaster	386	6379	6130	72500	84002
2696 Cutting, shaping & finishing of stone	114	599	719	39024	44783
2699 Other non-metallic mineral products n.e.c.	82	2607	2541	85910	99466
2710 Basic iron and steel	107	13487	11405	94365	96762
2720 Basic precious and non-ferrous metals	63	5928	5657	113227	125928
273 Casting of metals	145	3979	4173	133467	152762
2731 Casting of iron and steel	54	2241	2220	66126	75420
2732 Casting of non-ferrous metals	91	1738	1952	67341	77342
281 Structural metal products;tanks,steam generators	1862	21925	26391	226497	238995
2811 Structural metal products	1538	18655	19241	57895	64970
2812 Tanks, reservoirs and containers of metal	273	5022	4771	70302	78102
2813 Steam generators	51	1248	1379	98300	95923
289 Other metal products; metal working services	2545	25847	27516	250162	285857
2891 Metal forging/pressing/stamping/roll-forming	108	1719	1390	71027	78870
2892 Treatment & coating of metals	1149	6801	9085	51941	60107
2893 Cutlery, hand tools and general hardware	495	6072	5856	65152	77292
2899 Other fabricated metal products n.e.c.	793	11255	11185	62042	69588
291 General purpose machinery	1994	25412	25541	419985	509151
2911 Engines & turbines(not for transport equip.)	62	1612	1526	97197	110333
2912 Pumps, compressors, taps and valves	107	5555	5379	73924	87605
2913 Bearings, gears, gearing & driving elements	53	3108	2763	64033	76394
2914 Ovens, furnaces and furnace burners	36	224	342	52766	77652
2915 Lifting and handling equipment	209	2396	2857	63544	74865
2919 Other general purpose machinery	1527	12317	12873	88521	82503
292 Special purpose machinery	1228	25395	26408	594633	667575
2921 Agricultural and forestry machinery	179	7915	8357	64416	70959
2922 Machine tools	210	2210	2822	71314	80425
2923 Machinery for metallurgy	16	1314	1212	87641	93476
2924 Machinery for mining & construction	56	3984	4010	79205	92848
2925 Food/beverage/tobacco processing machinery	192	1967	2127	60131	76249
2926 Machinery for textile, apparel and leather	49	710	792	75465	85298
2927 Weapons and ammunition	18	1072	1077	74001	77010
2929 Other special purpose machinery	508	6222	6011	82460	91310
2930 Domestic appliances n.e.c.	150	8932	9157	67527	81141

continued

Hungary

ISIC industry	Number of establishments			Number of employees			Wages and salaries paid to employees		
	Note	(numbers)			Note	(numbers)			(million FORINTS)
		1996	1997	1998		1999	1996	1997		1998	1999
ISIC industry	Note	1996	1997	1998	1999	1996	1997	1998	1999
3000 Office, accounting and computing machinery		...	...	261	...	...	...	88141	87891
3110 Electric motors, generators and transformers		...	...	421	...	...	...	77690	88762
3120 Electricity distribution & control apparatus		...	...	156	...	...	...	70790	85865
3130 Insulated wire and cable		...	...	47	...	...	...	74256	84805
3140 Accumulators, primary cells and batteries		...	...	23	...	...	...	71239	87676
3150 Lighting equipment and electric lamps		...	...	126	...	...	...	84949	92726
3190 Other electrical equipment n.e.c.		...	...	524	...	...	...	73361	86060
3210 Electronic valves, tubes, etc.		...	...	277	...	...	...	63445	77462
3220 TV/radio transmitters; line comm. apparatus		...	...	478	...	...	...	117271	137655
3230 TV and radio receivers and associated goods		...	...	170	...	...	...	69893	91243
331 Medical, measuring, testing appliances, etc.		...	...	1251	...	...	...	220743	248393
3311 Medical, surgical and orthopaedic equipment		...	...	631	...	...	...	70208	72958
3312 Measuring/testing/navigating appliances, etc.		...	...	425	...	...	...	79709	86427
3313 Industrial process control equipment		...	...	195	...	...	...	70826	89008
3320 Optical instruments & photographic equipment		...	...	169	...	...	...	66018	70523
3330 Watches and clocks		...	...	13	...	...	...	30514	44497
3410 Motor vehicles		...	...	35	...	...	...	115014	135094
3420 Automobile bodies, trailers & semi-trailers		...	...	45	...	...	...	71963	81676
3430 Parts/accessories for automobiles		...	...	228	...	...	...	82630	94082
351 Building and repairing of ships and boats		...	...	86	...	...	...	76033	90817
3511 Building and repairing of ships		...	...	48	...	...	...	48291	49959
3512 Building/repairing of pleasure/sport. boats		...	...	38	...	...	...	27742	40858
3520 Railway/tramway locomotives & rolling stock		...	...	28	...	...	...	84367	95975
3530 Aircraft and spacecraft		...	...	25	...	...	...	141919	162527
359 Transport equipment n.e.c.		...	...	78	...	...	...	...	...
3591 Motorcycles		...	...	4	...	...	...	...	...
3592 Bicycles and invalid carriages		...	...	21	...	...	...	46414	46401
3599 Other transport equipment n.e.c.		...	...	51	...	...	...	40230	55704
3610 Furniture		...	...	1350	...	...	...	46881	51546
369 Manufacturing n.e.c.		...	...	723	...	...	...	245237	263409
3691 Jewellery and related articles		...	...	141	...	...	...	59542	59364
3692 Musical instruments		...	...	37	...	...	...	45331	47685
3693 Sports goods		...	...	70	...	...	...	35499	46898
3694 Games and toys		...	...	147	...	...	...	59892	56589
3699 Other manufacturing n.e.c.		...	...	328	...	...	...	44973	52873
3710 Recycling of metal waste and scrap		...	...	99	...	...	...	77468	78372
3720 Recycling of non-metal waste and scrap		...	...	57	...	...	...	41971	46982
D Total manufacturing		...	...	34197	...	...	...	8676305	9979252

Hungary

ISIC Industry	Output (million FORINTS)				Note	Value added in factor values (million FORINTS)				Note	Gross fixed capital formation (million FORINTS)	
	1996	1997	1998	1999		1996	1997	1998	1999		1998	1999
	Note											
ISIC Industry												
1511 Processed meat, fish, fruit, vegetables, fats	1292851a/	1320315a/		...	...	259686a/	272105a/	a/	76320	83499
1512 Processing/preserving of meat
1513 Processing/preserving of fish
1514 Processing/preserving of fruit & vegetables
1515 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 Other food products
1542 Bakery products
1543 Sugar
1544 Cocoa, chocolate and sugar confectionery
1545 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	50581	59177		...	...	16391	18605		3325	4607
171 Spinning, weaving and finishing of textiles	116091b/	126645b/		...	...	39869b/	44966b/	b/	11047	11449
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
2010 Sawmilling and planing of wood
201 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
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
			145713	154722				39045	40267		14235	14365
			145465f/	184195f/				45528f/	49368f/	f/	12291	12195

continued

292 Special purpose machinery	...	...	...	...	...	...	...	...	...	...	n/	...	...	...
2921 Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...	...	n/	...	...	...
2922 Machine tools	...	...	...	...	...	...	...	...	...	...	n/	...	...	...
2923 Machinery for metallurgy	...	...	...	...	...	...	...	...	...	...	n/	...	...	...
2924 Machinery for mining & construction	...	...	...	...	...	...	...	...	...	...	n/	...	...	...
2925 Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...	...	n/	...	...	...
2926 Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...	...	n/	...	...	...
2927 Weapons and ammunition	...	...	...	...	...	...	...	...	...	...	n/	...	...	...
2929 Other special purpose machinery	...	...	...	...	...	...	...	...	...	...	n/	...	...	...
2930 Domestic appliances n.e.c.	...	...	...	...	...	...	...	...	...	...	n/	...	...	...
3000 Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	88937	14619	17064
3110 Electric motors, generators and transformers	...	...	...	...	...	...	...	...	...	...	...	119048p/	31833	51466
3120 Electricity distribution & control apparatus	...	...	...	...	...	...	...	...	...	...	...	...p/	...	...
3130 Insulated wire and cable	...	...	...	...	...	...	...	...	...	...	...	...p/	...	...
3140 Accumulators, primary cells and batteries	...	...	...	...	...	...	...	...	...	...	...	...p/	...	...
3150 Lighting equipment and electric lamps	...	...	...	...	...	...	...	...	...	...	...	...p/	...	...
3190 Other electrical equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...p/	...	...
3210 Electronic valves, tubes, etc.	...	...	...	...	...	...	...	...	...	...	...	63383q/	31412	51616
3220 TV/radio transmitters; line comm. apparatus	...	...	...	...	...	...	...	...	...	...	...	...q/	...	...
3230 TV and radio receivers and associated goods	...	...	...	...	...	...	...	...	...	...	...	...q/	...	...
3311 Medical, measuring, testing appliances, etc.	...	...	...	...	...	...	...	...	...	...	...	40119r/	5175	5878
3312 Measuring/testing/navigation appliances, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3313 Industrial process control equipment	...	...	...	...	...	...	...	...	...	...	...	...r/	...	...
3320 Optical instruments & photographic equipment	...	...	...	...	...	...	...	...	...	...	...	...r/	...	...
3330 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3410 Motor vehicles	...	...	...	...	...	...	...	...	...	...	...	2088529s/	62708	116876
3420 Automobile bodies, trailers & semi-trailers	...	...	...	...	...	...	...	...	...	...	...	...s/	...	...
3430 Parts/accessories for automobiles	...	...	...	...	...	...	...	...	...	...	...	...s/	...	...
351 Building and repairing of ships and boats	...	...	...	...	...	...	...	...	...	...	...	14302t/	1796	1624
3511 Building and repairing of ships	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats	...	...	...	...	...	...	...	...	...	...	...	...t/	...	...
3520 Railway/tramway locomotives & rolling stock	...	...	...	...	...	...	...	...	...	...	...	...t/	...	...
3530 Aircraft and spacecraft	...	...	...	...	...	...	...	...	...	...	...	...t/	...	...
359 Transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3591 Motorcycles	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3610 Furniture	...	...	...	...	...	...	...	...	...	...	...	24889u/	6506	5630
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	...	...	...	...	...	...	...	...	...	...	...	2256v/	641	507
3720 Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...	...	...	...	...v/	...	...
D Total manufacturing	...	...	...	...	...	...	...	...	...	...	...	1807709	548458	696584

s/ 3410 includes 3420 and 3430.
 t/ 351 includes 3520, 3530 and 359.
 u/ 3610 includes 369.
 v/ 3710 includes 3720.

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.
 l/ 281 includes 289.
 m/ 291 includes 292 and 2930.
 n/ 3110 includes 3120, 3130, 3140, 3150 and 3190.
 o/ 3210 includes 3220 and 3230.
 p/ 331 includes 3320 and 3330.

Hungary

ISIC Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
		Note													
15	Food and beverages	...	...	100	98	85	81	86	87	87	80	81	83
16	Tobacco products	...	...	100	95	85	88	97	86	97	94	98	107
17	Textiles	128	117	100	65	48	49	50	49	46	47	47	52		
18	Wearing apparel, fur	128	113	100	88	80	84	89	87	88	86	110	121		
19	Leather, leather products and footwear	139	133	100	74	56	57	59	50	47	52	55	58		
20	Wood products (excl. furniture)	83	96	100	81	84	89	103	101	101	106	111	107		
21	Paper and paper products	109	105	100	85	75	67	69	79	75	98	108	105		
22	Printing and publishing	110	112	100	80	70	88	85	86	78	87	88	99		
23	Coke, refined petroleum products, nuclear fuel	110	104	100	89	91	90	92	93	91	89	100	87		
24	Chemicals and chemical products	101	96	100	71	54	54	55	55	52	55	51	46		
25	Rubber and plastics products	110	106	100	78	70	78	100	98	102	116	138	144		
26	Non-metallic mineral products	106	104	100	67	60	66	68	70	70	74	83	80		
27	Basic metals	125	122	100	71	53	56	65	74	81	91	88	84		
28	Fabricated metal products	119	110	100	73	56	71	87	87	74	76	85	88		
29	Machinery and equipment n.e.c.	...	...	100	90	70	68	74	83	78	77	85	90
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	...	...	100	78	65	68	94	105	120	134	170	207
32	Radio, television and communication equipment	96	95	100	57	48	56	85	100	147	301	406	642		
33	Medical, precision and optical instruments	104	111	100	53	26	27	29	30	32	34	33	35		
34	Motor vehicles, trailers, semi-trailers	...	...	100	74	47	62	72	109	140	231	339	414
35	Other transport equipment	...	...	100	62	41	55	55	49	48	59	97	108
36	Furniture; manufacturing n.e.c.	113	109	100	78	63	67	64	66	58	57	67	68		
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	117	111	100	79	72	75	82	86	89	102	118	133		

INDIA

<p>Supplier of information: Central Statistical Organisation, Ministry of Statistics and Programme Implementation, New Delhi.</p> <p>Basic source of data: Annual survey of industries.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year): 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>Scope: Factories using power and employing 10 or more workers on any day of the reference period and all factories employing 20 or more workers.</p> <p>Method of enumeration: Factories employing 100 or more workers are completely enumerated. For factories with less than 100 workers, stratified uni-stage sampling is used.</p> <p>Adjusted for non-response: No.</p>	<p>Concepts and definitions of variables: <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. Output 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>Related national publications: Annual Survey of Industries; Summary Results for Factory Sector, both published by Central Statistical Organisation, Ministry of Statistics and Programme Implementation, New Delhi.</p>
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India

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees			
	Note	(numbers)			Note	(thousands)			Note	(million RUPEES)		
		1996	1997	1998		1999	1996	1997		1998	1999	1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		4234	4234	4234	187.4	187.4	187.4	187.4	5472	5472	5472	5472
1511 Processing/preserving of meat		42	42	42	5.8	5.8	5.8	5.8	341	341	341	341
1512 Processing/preserving of fish		313	313	313	45.6	45.6	45.6	45.6	836	836	836	836
1513 Processing/preserving of fruit & vegetables		377	377	377	22.5	22.5	22.5	22.5	698	698	698	698
1514 Vegetable and animal oils and fats		3502	3502	3502	113.5	113.5	113.5	113.5	3597	3597	3597	3597
1520 Dairy products		737	737	737	75.8	75.8	75.8	75.8	5858	5858	5858	5858
153 Grain mill products		12164	12164	12164	301.7	301.7	301.7	301.7	6670	6670	6670	6670
1531 Grain mill products		10940	10940	10940	260.9	260.9	260.9	260.9	5204	5204	5204	5204
1532 Starches and starch products		783	783	783	18.0	18.0	18.0	18.0	460	460	460	460
1533 Prepared animal feeds		441	441	441	22.8	22.8	22.8	22.8	1007	1007	1007	1007
154 Other food products		5676	5676	5676	775.3	775.3	775.3	775.3	25840	25840	25840	25840
1541 Bakery products		946	946	946	39.8	39.8	39.8	39.8	1585	1585	1585	1585
1542 Sugar		1209	1209	1209	309.8	309.8	309.8	309.8	16655	16655	16655	16655
1543 Cocoa, chocolate and sugar confectionery		251	251	251	16.4	16.4	16.4	16.4	772	772	772	772
1544 Macaroni, noodles & similar products		45	45	45	0.9	0.9	0.9	0.9	47	47	47	47
1549 Other food products n.e.c.		3225	3225	3225	408.3	408.3	408.3	408.3	6781	6781	6781	6781
155 Beverages		1029	1029	1029	47.5	47.5	47.5	47.5	3765	3765	3765	3765
1551 Distilling, rectifying & blending of spirits		267	267	267	3.4	3.4	3.4	3.4	1757	1757	1757	1757
1552 Wines		79	79	79	6.1	6.1	6.1	6.1	239	239	239	239
1553 Malt liquors and malt		88	88	88	8.9	8.9	8.9	8.9	530	530	530	530
1554 Soft drinks; mineral waters		595	595	595	29.1	29.1	29.1	29.1	1239	1239	1239	1239
1600 Tobacco products		2353	2353	2353	452.0	452.0	452.0	452.0	7299	7299	7299	7299
171 Spinning, weaving and finishing of textiles		10341	10341	10341	1274.4	1274.4	1274.4	1274.4	53239	53239	53239	53239
1711 Textile fibre preparation; textile weaving		7638	7638	7638	1126.4	1126.4	1126.4	1126.4	47436	47436	47436	47436
1712 Finishing of textiles		2703	2703	2703	148.0	148.0	148.0	148.0	5803	5803	5803	5803
172 Other textiles		1396	1396	1396	67.2	67.2	67.2	67.2	2222	2222	2222	2222
1721 Made-up textile articles, except apparel		292	292	292	15.0	15.0	15.0	15.0	428	428	428	428
1722 Carpets and rugs		202	202	202	14.5	14.5	14.5	14.5	397	397	397	397
1723 Cordage, rope, twine and netting		477	477	477	17.4	17.4	17.4	17.4	560	560	560	560
1729 Other textiles n.e.c.		425	425	425	20.3	20.3	20.3	20.3	818	818	818	818
1730 Knitted and crocheted fabrics and articles		1734	1734	1734	60.3	60.3	60.3	60.3	18350	18350	18350	18350
1810 Wearing apparel, except fur apparel		3145	3145	3145	279.4	279.4	279.4	279.4	8422	8422	8422	8422
1820 Dressing & dyeing of fur; processing of fur		59	59	59	3.5	3.5	3.5	3.5	66	66	66	66
1911 Tanning, dressing and processing of leather		1254	1254	1254	57.4	57.4	57.4	57.4	1771	1771	1771	1771
1911 Tanning and dressing of leather		880	880	880	32.2	32.2	32.2	32.2	1286	1286	1286	1286
1912 Luggage, handbags, etc.; saddlery & harness		374	374	374	25.2	25.2	25.2	25.2	485	485	485	485
1920 Footwear		1168	1168	1168	75.9	75.9	75.9	75.9	2670	2670	2670	2670
2010 Sawmilling and planing of wood		1606	1606	1606	10.3	10.3	10.3	10.3	178	178	178	178
202 Products of wood, cork, straw etc.		1643	1643	1643	36.8	36.8	36.8	36.8	977	977	977	977
2021 Veneer, sheets, plywood, particle board, etc.		1067	1067	1067	29.0	29.0	29.0	29.0	764	764	764	764
2022 Builders' carpentry and joinery		127	127	127	2.2	2.2	2.2	2.2	64	64	64	64
2023 Wooden containers		173	173	173	2.2	2.2	2.2	2.2	67	67	67	67
2029 Other wood products; articles of cork/straw		276	276	276	3.5	3.5	3.5	3.5	83	83	83	83
210 Paper and paper products		3271	3271	3271	172.1	172.1	172.1	172.1	9159	9159	9159	9159
2101 Pulp, paper and paperboard		1139	1139	1139	117.8	117.8	117.8	117.8	7294	7294	7294	7294
2102 Corrugated paper and paperboard		1636	1636	1636	37.8	37.8	37.8	37.8	1304	1304	1304	1304
2109 Other articles of paper and paperboard		496	496	496	16.4	16.4	16.4	16.4	561	561	561	561
221 Publishing of books and other publications		746	746	746	56.5	56.5	56.5	56.5	4680	4680	4680	4680
2211 Publishing of newspapers, journals, etc.		278	278	278	15.0	15.0	15.0	15.0	716	716	716	716
2212 Publishing of newspapers, journals, etc.		315	315	315	37.0	37.0	37.0	37.0	3742	3742	3742	3742
2213 Publishing of recorded media		-	-	-	-	-	-	-	-	-	-	-
2219 Other publishing		153	153	153	4.5	4.5	4.5	4.5	223	223	223	223

222 Printing and related service activities	2525	...	63.9	...	...	2916
2221 Printing	2352	...	61.4	...	...	2816
2222 Service activities related to printing	173	...	2.5	...	...	101
2230 Reproduction of recorded media	15	...	1.4	...	...	93
2310 Coke oven products	434	...	26.6	...	...	1705
2320 Refined petroleum products	346	...	46.8	...	...	7264
2330 Processing of nuclear fuel	-	...	-	...	...	-
2411 Basic chemicals	3008	...	236.2	...	...	23212
241 Basic chemicals, except fertilizers	2230	...	121.3	...	...	9181
2412 Fertilizers and nitrogen compounds	478	...	78.2	...	...	9744
2413 Plastics in primary forms; synthetic rubber	300	...	36.8	...	...	4288
242 Other chemicals	7510	...	510.0	...	...	32047
2421 Pesticides and other agro-chemical products	431	...	31.4	...	...	2896
2422 Paints, varnishes, printing ink and mastics	1038	...	38.7	...	...	3150
2423 Pharmaceuticals, medicinal chemicals, etc.	2679	...	215.7	...	...	17108
2424 Soap, cleaning & cosmetic preparations	1071	...	61.7	...	...	3432
2429 Other chemical products n.e.c.	2291	...	162.6	...	...	5462
2430 Man-made fibres	74	...	39.3	...	...	3988
251 Rubber products	2011	...	122.9	...	...	7169
2511 Rubber tyres and tubes	574	...	71.2	...	...	4959
2519 Other rubber products	1437	...	51.6	...	...	2211
2520 Plastic products	4506	...	169.3	...	...	7085
2610 Glass and glass products	635	...	73.3	...	...	2771
269 Non-metallic mineral products n.e.c.	11431	...	377.3	...	...	15012
2691 Pottery china and earthenware	742	...	23.4	...	...	958
2692 Refractory ceramic products	519	...	28.3	...	...	1408
2693 Struct.non-refractory clay; ceramic products	3856	...	122.4	...	...	2106
2694 Cement, lime and plaster	856	...	51.3	...	...	6576
2695 Articles of concrete, cement and plaster	1623	...	43.0	...	...	1641
2696 Cutting, shaping & finishing of stone	3218	...	45.4	...	...	1188
2699 Other non-metallic mineral products n.e.c.	617	...	23.6	...	...	1136
2710 Basic iron and steel	3726	...	431.4	...	...	38487
2720 Basic precious and non-ferrous metals	1172	...	86.4	...	...	6814
273 Casting of metals	2294	...	111.7	...	...	5634
2731 Casting of iron and steel	2102	...	97.3	...	...	4567
2732 Casting of non-ferrous metals	192	...	14.3	...	...	1068
281 Struct metal products;tanks;steam generators	2375	...	111.2	...	...	6603
2811 Structural metal products	1117	...	46.2	...	...	2323
2812 Tanks, reservoirs and containers of metal	1100	...	43.6	...	...	1826
2813 Steam generators	158	...	21.9	...	...	2454
289 Other metal products; metal working services	5514	...	163.3	...	...	8835
2891 Metal forging/pressing/stamping/roll-forming	490	...	26.3	...	...	1780
2892 Treatment & coating of metals	757	...	11.8	...	...	499
2893 Cutlery, hand tools and general hardware	2086	...	54.8	...	...	3147
2899 Other fabricated metal products n.e.c.	2181	...	70.4	...	...	3409
291 General purpose machinery	4331	...	496.8	...	...	22537
2911 Engines & turbines(not for transport equip.)	623	...	31.8	...	...	3577
2912 Pumps, compressors, taps and valves	1105	...	73.7	...	...	5439
2913 Bearings, gears, gearing & driving elements	588	...	248.6	...	...	3399
2914 Ovens, furnaces and furnace burners	99	...	4.7	...	...	404
2915 Lifting and handling equipment	331	...	19.6	...	...	1621
2919 Other general purpose machinery	1585	...	118.4	...	...	8097
292 Special purpose machinery	4913	...	219.5	...	...	17792
2921 Agricultural and forestry machinery	74	...	41.3	...	...	4023
2922 Machine tools	662	...	31.3	...	...	2560
2923 Machinery for metallurgy	86	...	2.5	...	...	195
2924 Machinery for mining & construction	478	...	27.7	...	...	2081
2925 Food/beverage/tobacco processing machinery	644	...	26.1	...	...	2023
2926 Machinery for textile, apparel and leather	1038	...	38.8	...	...	2315
2927 Weapons and ammunition	61	...	2.1	...	...	103
2929 Other special purpose machinery	1203	...	49.6	...	...	4502
2930 Domestic appliances n.e.c.	752	...	44.5	...	...	2904

continued

India

ISIC Industry	Number of establishments			Number of employees			Wages and salaries paid to employees		
	Note	(numbers)		Note	(thousands)		Note	(million RUPEES)	
		1996	1997		1998	1999		1996	1997	1998	1999
ISIC Industry									
3000 Office, accounting and computing machinery		257	...		15.3	...		1313	...
3110 Electric motors, generators and transformers		1294	...		95.8	...		9628	...
3120 Electricity distribution & control apparatus		505	...		52.0	...		4479	...
3130 Insulated wire and cable		590	...		48.1	...		3288	...
3140 Accumulators, primary cells and batteries		238	...		22.7	...		1533	...
3150 Lighting equipment and electric lamps		428	...		26.4	...		1436	...
3190 Other electrical equipment n.e.c.		566	...		20.0	...		1059	...
3210 Electronic valves, tubes, etc.		652	...		53.7	...		377	...
3220 TV/radio transmitters; line comm. apparatus		297	...		48.1	...		4318	...
3230 TV and radio receivers and associated goods		426	...		46.4	...		2652	...
331 Medical, measuring, testing appliances, etc.		696	...		57.0	...		3740	...
3311 Medical, surgical and orthopaedic equipment		302	...		21.0	...		1254	...
3312 Measuring/testing/navigating appliances, etc.		347	...		30.8	...		1482	...
3313 Industrial process control equipment		47	...		5.3	...		1004	...
3320 Optical instruments & photographic equipment		167	...		4.6	...		260	...
3330 Watches and clocks		264	...		24.2	...		1863	...
3410 Motor vehicles		320	...		97.5	...		12817	...
3420 Automobile bodies, trailers & semi-trailers		419	...		21.3	...		1001	...
3430 Parts/accessories for automobiles		2121	...		162.4	...		11189	...
351 Building and repairing of ships and boats		244	...		23.1	...		1786	...
3511 Building and repairing of ships		244	...		23.1	...		1786	...
3512 Building/repairing of pleasure/sport. boats		-	...		-	...		-	...
3520 Railway/tramway locomotives & rolling stock		242	...		32.9	...		2048	...
3530 Aircraft and spacecraft		34	...		3.2	...		563	...
359 Transport equipment n.e.c.		1577	...		234.0	...		12191	...
3591 Motorcycles		700	...		189.3	...		10340	...
3592 Bicycles and invalid carriages		680	...		36.8	...		1517	...
3599 Other transport equipment n.e.c.		197	...		7.9	...		335	...
3610 Furniture		657	...		24.6	...		1531	...
369 Manufacturing n.e.c.		1957	...		90.8	...		4237	...
3691 Jewellery and related articles		488	...		41.2	...		2322	...
3692 Musical instruments		11	...		1.4	...		119	...
3693 Sports goods		111	...		4.2	...		179	...
3694 Games and toys		57	...		7.7	...		226	...
3699 Other manufacturing n.e.c.		900	...		36.3	...		1390	...
3710 Recycling of metal waste and scrap		9	...		0.3	...		17	...
3720 Recycling of non-metal waste and scrap		-	...		-	...		-	...
D Total manufacturing		124098	...		8469.7	...		452812	...

India

ISIC Industry	Output in factor values (million RUPEES)				Note	Value added in factor values (million RUPEES)				Note	Gross fixed capital formation (million RUPEES)	
	1996	1997	1998	1999		1996	1997	1998	1999		1998	1999
	ISIC Revision 3											
151 Processed meat, fish, fruit, vegetables, fats	407695	...	...	...	31220	...	...	...	5352	...
1511 Processing/preserving of meat	7901	...	...	...	1469	...	...	...	690	...
1512 Processing/preserving of fish	28609	...	...	...	2575	...	...	...	907	...
1513 Processing/preserving of fruit & vegetables	10734	...	...	...	2549	...	...	...	783	...
1514 Vegetable and animal oils and fats	360451	...	...	...	24627	...	...	...	2972	...
152 Dairy products	188570	...	...	...	17693	...	...	...	3506	...
1520 Dairy products	269507	...	...	...	16293	...	...	...	-5780	...
153 Grain mill products	313075	...	...	...	1875	...	...	...	-6766	...
1531 Grain mill products	8852	...	...	...	3804	...	...	...	345	...
1532 Starches and starch products	34716	...	...	...	75355	...	...	...	641	...
1533 Prepared animal feeds	401070	...	...	...	39361	...	...	...	16466	...
154 Other food products	28236	...	...	...	5853	...	...	...	1008	...
1541 Bakery products	210975	...	...	...	39361	...	...	...	9940	...
1542 Sugar	13002	...	...	...	2878	...	...	...	577	...
1543 Cocoa, chocolate and sugar confectionery	2560	...	...	...	1423	...	...	...	34	...
1544 Macaroni, noodles & similar products	146297	...	...	...	25841	...	...	...	4907	...
1549 Other food products n.e.c.	83414	...	...	...	20880	...	...	...	393	...
155 Beverages	38561	...	...	...	10465	...	...	...	1961	...
1551 Distilling, rectifying & blending of spirits	5487	...	...	...	1366	...	...	...	300	...
1552 Wines	12298	...	...	...	2795	...	...	...	1103	...
1553 Malt liquors and malt	27069	...	...	...	6294	...	...	...	-2971	...
1554 Soft drinks; mineral waters	97497	...	...	...	30170	...	...	...	2501	...
1600 Tobacco products	658761	...	...	...	101870	...	...	...	49326	...
171 Spinning, weaving and finishing of textiles	577048	...	...	...	90488	...	...	...	46052	...
1711 Textile fibre preparation; textile weaving	81713	...	...	...	11382	...	...	...	3274	...
1712 Finishing of textiles	36832	...	...	...	6745	...	...	...	1989	...
172 Other textiles	10451	...	...	...	1405	...	...	...	264	...
1721 Made-up textile articles, except apparel	8293	...	...	...	2156	...	...	...	314	...
1722 Carpets and rugs	5298	...	...	...	1193	...	...	...	233	...
1723 Cordage, rope, twine and netting	12790	...	...	...	1992	...	...	...	1178	...
1729 Other textiles n.e.c.	37518	...	...	...	5342	...	...	...	1337	...
1730 Knitted and crocheted fabrics and articles	132875	...	...	...	29480	...	...	...	3315	...
1810 Wearing apparel, except fur apparel	1074	...	...	...	190	...	...	...	334	...
1820 Dressing & dyeing of fur; processing of fur	36501	...	...	...	4820	...	...	...	968	...
191 Tanning, dressing and processing of leather	25252	...	...	...	1986	...	...	...	276	...
1911 Tanning and dressing of leather	11250	...	...	...	6724	...	...	...	1501	...
1912 Luggage, handbags, etc.; saddlery & harness	42463	...	...	...	283	...	...	...	19	...
1920 Footwear	2910	...	...	...	2226	...	...	...	2076	...
2010 Sawmilling and planing of wood	14209	...	...	...	1792	...	...	...	1775	...
202 Products of wood, cork, straw, etc.	11036	...	...	...	106	...	...	...	97	...
2021 Veneer sheets, plywood, particle board, etc.	758	...	...	...	203	...	...	...	71	...
2022 Builders' carpentry and joinery	1575	...	...	...	126	...	...	...	132	...
2023 Wooden containers	841	...	...	...	19903	...	...	...	16625	...
2029 Other wood products; articles of cork/straw	128182	...	...	...	14417	...	...	...	15435	...
210 Paper and paper products	94593	...	...	...	3533	...	...	...	1135	...
2101 Pulp, paper and paperboard	24025	...	...	...	1953	...	...	...	55	...
2102 Corrugated paper and paperboard	9564	...	...	...	11839	...	...	...	7580	...
2109 Other articles of paper and paperboard	45083	...	...	...	2229	...	...	...	519	...
221 Publishing of books and other publications	7350	...	...	...	9227	...	...	...	6918	...
2212 Publishing of newspapers, journals, etc.	36091	...	...	...	-	...	...	...	-	...
2213 Publishing of recorded media	1643	...	...	...	383	...	...	...	143	...
2219 Other publishing

continued

India

ISIC Industry	Output in factor values (million RUPEES)				Value added in factor values (million RUPEES)				Gross fixed capital formation (million RUPEES)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
222 Printing and related service activities		29230	...	...	...		...	...	6627	...
2221 Printing		28484	...	...	...		...	...	6508	...
2222 Service activities related to printing		746	...	...	...		...	...	119	...
2230 Reproduction of recorded media		1108	...	...	...		...	...	362	...
2310 Coke oven products		32549	...	...	...		...	...	4434	...
2320 Refined petroleum products		438028	...	...	...		...	...	57288	...
2330 Processing of nuclear fuel		-	...	...	...		...	...	-	...
241 Basic chemicals		647969	...	...	...		...	...	169765	...
2411 Basic chemicals, except fertilizers		182081	...	...	...		...	...	39826	...
2412 Fertilizers and nitrogen compounds		270899	...	...	...		...	...	60584	...
2413 Plastics in primary forms; synthetic rubber		194990	...	...	...		...	...	69345	...
242 Other chemicals		619346	...	...	...		...	...	142259	...
2421 Pesticides and other agro-chemical products		79150	...	...	...		...	...	21334	...
2422 Paints, varnishes, printing ink and mastics		66203	...	...	...		...	...	17258	...
2423 Pharmaceuticals, medicinal chemicals, etc.		288606	...	...	...		...	...	67309	...
2424 Soap, cleaning & cosmetic preparations		95013	...	...	...		...	...	19366	...
2429 Other chemical products n.e.c.		90374	...	...	...		...	...	16993	...
2430 Man-made fibres		64482	...	...	...		...	...	25975	...
251 Rubber products		119538	...	...	...		...	...	23815	...
2511 Rubber tyres and tubes		91604	...	...	...		...	...	18372	...
2519 Other rubber products		27934	...	...	...		...	...	5443	...
2520 Plastic products		173672	...	...	...		...	...	19517	...
2610 Glass and glass products		28995	...	...	...		...	...	4923	...
269 Non-metallic mineral products n.e.c.		222146	...	...	...		...	...	42629	...
2691 Pottery, china and earthenware		7880	...	...	...		...	...	1894	...
2692 Refractory ceramic products		11578	...	...	...		...	...	2823	...
2693 Struct.non-refractory clay, ceramic products		13121	...	...	...		...	...	4071	...
2694 Cement, lime and plaster		138121	...	...	...		...	...	21806	...
2695 Articles of concrete, cement and plaster		19271	...	...	...		...	...	4195	...
2696 Cutting, shaping & finishing of stone		14971	...	...	...		...	...	3351	...
2699 Other non-metallic mineral products n.e.c.		17205	...	...	...		...	...	4490	...
2710 Basic iron and steel		643597	...	...	...		...	...	134547	...
2720 Basic precious and non-ferrous metals		137783	...	...	...		...	...	26713	...
273 Casting of metals		55782	...	...	...		...	...	12818	...
2731 Casting of iron and steel		55816	...	...	...		...	...	11193	...
2732 Casting of non-ferrous metals		9966	...	...	...		...	...	1626	...
281 Struct.met.al products;tanks;steam generators		81234	...	...	...		...	...	15053	...
2811 Structural metal products		35397	...	...	...		...	...	6478	...
2812 Tanks, reservoirs and containers of metal		24885	...	...	...		...	...	3550	...
2813 Steam generators		20952	...	...	...		...	...	5025	...
289 Other metal products; metal working services		119105	...	...	...		...	...	23456	...
2891 Metal forging/pressing/stamping/roll-forming		28374	...	...	...		...	...	3887	...
2892 Treatment & coating of metals		4288	...	...	...		...	...	839	...
2893 Cutlery, hand tools and general hardware		34852	...	...	...		...	...	7838	...
2899 Other fabricated metal products n.e.c.		51592	...	...	...		...	...	10892	...
291 General purpose machinery		209509	...	...	...		...	...	47185	...
2911 Engines & turbines(not for transport equip.)		38795	...	...	...		...	...	9115	...
2912 Pumps, compressors, taps and valves		65225	...	...	...		...	...	16027	...
2913 Bearings, gears, gearing & driving elements		24454	...	...	...		...	...	5304	...
2914 Ovens, furnaces and furnace burners		4811	...	...	...		...	...	813	...
2915 Lifting and handling equipment		19726	...	...	...		...	...	82	...
2919 Other general purpose machinery		56499	...	...	...		...	...	367	...
		...	...	...	...		...	...	21238	...

292 Special purpose machinery	183504	39756	11511	...
2921 Agricultural and forestry machinery	54179	13906	2828	...
2922 Machine tools	16002	4728	752	...
2923 Machinery for metallurgy	1368	377	23	...
2924 Machinery for mining & construction	21311	4725	3348	...
2925 Food/beverage/tobacco processing machinery	23654	2751	1054	...
2926 Machinery for textile, apparel and leather	23813	5108	903	...
2927 Weapons and ammunition	417	11	29	...
2929 Other special purpose machinery	42760	8150	2575	...
2930 Domestic appliances n.e.c.	45645	8234	4329	...
3000 Office, accounting and computing machinery	25899	4260	631	...
3110 Electric motors, generators and transformers	101600	24104	2099	...
3120 Electricity distribution & control apparatus	40362	9610	1433	...
3130 Insulated wire and cable	91795	23758	2670	...
3140 Accumulators, primary cells and batteries	21472	5479	1819	...
3150 Lighting equipment and electric lamps	16731	3087	2166	...
3190 Other electrical equipment n.e.c.	13966	2891	865	...
3210 Electronic valves, tubes, etc.	41751	9730	4533	...
3220 TV/radio transmitters; line comm. apparatus	54876	14713	768	...
3230 TV and radio receivers and associated goods	95247	16663	5982	...
331 Medical, measuring, testing appliances, etc.	32643	8655	1652	...
3311 Medical, surgical and orthopaedic equipment	14782	3803	1093	...
3312 Measuring/testing/navigating appliances, etc.	11896	3236	448	...
3313 Industrial process control equipment	5965	1617	110	...
3320 Optical instruments & photographic equipment	5807	1028	736	...
3330 Watches and clocks	11943	5598	389	...
3410 Motor vehicles	191303	32564	43135	...
3420 Automobile bodies, trailers & semi-trailers	7766	415	733	...
3430 Parts/accessories for automobiles	111217	25360	12422	...
351 Building and repairing of ships and boats	23388	3511	268	...
3511 Building and repairing of ships	23388	3511	268	...
3512 Building/repairing of pleasure/sport. boats	-	-	-	...
3520 Railway/tramway locomotives & rolling stock	17059	4825	404	...
3530 Aircraft and spacecraft	2695	770	133	...
359 Transport equipment n.e.c.	128000	23355	7196	...
3591 Motorcycles	91058	18377	6148	...
3592 Bicycles and invalid carriages	30121	4413	818	...
3599 Other transport equipment n.e.c.	6821	565	229	...
3610 Furniture	11552	2535	972	...
369 Manufacturing n.e.c.	103068	16265	2934	...
3691 Jewellery and related articles	66681	9121	480	...
3692 Musical instruments	1284	314	23	...
3693 Sports goods	4367	1315	114	...
3694 Games and toys	4405	1176	377	...
3699 Other manufacturing n.e.c.	26331	4340	1940	...
3710 Recycling of metal waste and scrap	667	41	1	...
3720 Recycling of non-metal waste and scrap	-	-	-	...
D Total manufacturing	7611768	1431266	667234	...

India

ISIC Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
15	Food and beverages	87	89	100	102	100	96	114	124	131	135	140	147		
16	Tobacco products	88	95	100	107	101	110	109	107	113	127	121	126		
17	Textiles	87	89	100	108	113	126	128	150	165	179	172	183		
18	Wearing apparel, fur	106	120	100	92	80	76	63	81	85	59	57	56		
19	Leather, leather products and footwear	100	111	100	92	81	84	73	82	90	94	102	117		
20	Wood products (excl. furniture)	87	89	100	101	95	104	103	128	137	133	125	105		
21	Paper and paper products	88	93	100	106	111	116	126	145	158	169	196	209		
22	Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel	93	100	100	99	93	93	99	109	115	120	125	140		
24	Chemicals and chemical products	89	94	100	99	105	112	118	131	137	156	166	183		
25	Rubber and plastics products	84	92	100	99	100	98	106	113	115	124	146	130		
26	Non-metallic mineral products	94	98	100	101	124	128	139	172	185	210	228	283		
27	Basic metals	94	93	100	109	107	131	148	172	183	186	183	193		
28	Fabricated metal products	91	94	100	92	87	85	92	88	94	102	120	123		
29	Machinery and equipment n.e.c.	83	88	100	98	99	101	120	139	152	154	155	180		
30	Office, accounting and computing machinery	...	...	100	94	100	76	113	139	144	139	128	134
31	Electrical machinery and apparatus	...	...	100	89	88	88	95	101	105	112	120	153
32	Radio, television and communication equipment	...	...	100	94	101	100	102	164	160	198	193	206
33	Medical, precision and optical instruments	...	...	100	86	82	80	81	103	123	122	141	127
34	Motor vehicles, trailers, semi-trailers	...	...	100	103	115	125	143	174	195	182	236	234
35	Other transport equipment	...	...	100	89	88	88	97	110	125	141	158	175
36	Furniture, manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	85	92	100	99	101	108	117	134	144	153	160	171		

Note

INDONESIA

<p>Supplier of information: Badan Pusat Statistik (BPS), Statistics Indonesia, Jakarta.</p> <p>Basic source of data: Annual industrial survey.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Large establishments (with 100 or more persons engaged) and medium scale establishments (with 20-99 persons engaged).</p> <p>Method of enumeration: 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>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <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>Related national publications: Industrial Statistics (Survey of Manufacturing Industries) Volumes I and II (annual), published by the BPS, Jakarta.</p>
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Indonesia

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees			
	Note	(numbers)			Note	(thousands)			Note	(billion RUPIAHS)		
		1996	1997	1998		1999	1996	1997		1998	1999	
151 Processed meat, fish, fruit, vegetables, fats		884	911	165.6	171.8	165.6	1261.0	992.6				
1511 Processing/preserving of meat		37	38	5.2	5.4	5.2	19.9	36.4				
1512 Processing/preserving of fish		482	514	79.5	89.6	79.5	394.2	392.7				
1513 Processing/preserving of fruit & vegetables		75	67	18.3	15.5	18.3	70.3	92.2				
1514 Vegetable and animal oils and fats		290	292	62.6	61.2	62.6	776.5	471.2				
1520 Dairy products		827	846	95.1	102.8	95.1	337.4	383.8				
153 Grain mill products; starches; animal feeds		500	484	61.3	69.3	61.3	151.6	167.5				
1531 Grain mill products		238	272	22.8	22.5	22.8	110.7	123.5				
1532 Starches and starch products		89	90	11.0	10.9	11.0	75.0	92.7				
1533 Prepared animal feeds		2569	2612	276.9	289.9	276.9	1014.9	1348.2				
154 Other food products		490	489	43.2	42.1	43.2	143.3	175.3				
1541 Bakery products		122	122	70.9	70.9	70.9	313.0	401.7				
1542 Sugar		114	115	18.5	21.0	18.5	86.4	115.5				
1543 Cocoa, chocolate and sugar confectionery		316	311	26.7	26.7	26.9	100.3	135.7				
1544 Macaroni, noodles & similar products		1527	1575	129.8	129.2	129.8	371.9	520.0				
1549 Other food products n.e.c.		248	258	22.9	22.1	22.9	107.6	165.4				
155 Beverages		9	7	0.6	0.7	0.6	2.5	4.5				
1551 Distilling, rectifying & blending of spirits		8	6	0.4	0.5	0.4	2.4	2.3				
1552 Malt liquors and malt		4	4	1.1	1.1	1.1	18.5	26.5				
1553 Malt liquors and malt		227	241	20.9	19.8	20.9	84.2	132.1				
1554 Soft drinks; mineral waters												
1600 Tobacco products		785	807	243.1	237.4	243.1	1339.9	1092.4				
171 Spinning, weaving and finishing of textiles		1179	1147	478.4	380.6	478.4	1507.0	2562.8				
1711 Textile fibre preparation; textile weaving		669	662	352.4	247.4	352.4	1015.1	1878.2				
1712 Finishing of textiles		510	465	126.1	133.2	126.1	491.9	684.6				
172 Other textiles		381	508	83.9	63.1	83.9	254.7	388.0				
1721 Made-up textile articles, except apparel		236	301	44.1	29.2	44.1	94.9	193.5				
1722 Carpets and rugs		15	25	3.9	2.7	3.9	14.9	32.2				
1723 Cordage, rope, twine and netting		31	41	5.4	5.4	12.6	22.0	76.2				
1728 Other textiles n.e.c.		99	141	23.3	25.8	23.3	122.9	86.1				
1730 Knitted and crocheted fabrics and articles		555	327	70.6	146.5	70.6	569.9	313.5				
1810 Wearing apparel, except fur apparel		1755	2212	431.3	340.2	431.3	1239.1	1930.1				
1820 Dressing & dyeing of fur; processing of fur		9	2	2.6	6.9	2.6	37.1	24.9				
191 Tanning, dressing and processing of leather		190	175	19.8	26.1	19.8	88.8	88.3				
1911 Tanning and dressing of leather		68	72	8.0	7.2	8.0	29.9	41.4				
1912 Luggage, handbags, etc.; saddlery & harness		122	103	11.8	18.8	11.8	58.9	47.0				
1920 Footwear		410	427	263.3	260.7	263.3	1670.0	1574.7				
2010 Sawmilling and planing of wood		658	662	56.9	51.5	56.9	149.8	224.5				
202 Products of wood, cork, straw, etc.		1089	1117	355.7	350.2	355.7	1615.7	2044.6				
2021 Veneer sheets, plywood, particle board, etc.		255	250	235.6	234.8	235.6	1211.3	1533.7				
2022 Builders' carpentry and joinery		489	509	87.3	83.9	87.3	303.6	387.1				
2023 Wooden containers		41	47	1.7	1.4	1.7	3.4	4.6				
2029 Other wood products; articles of cork/straw		304	311	31.1	30.2	31.1	97.4	119.1				
210 Paper and paper products		403	433	99.3	119.2	99.3	521.4	793.0				
2101 Pulp, paper and paperboard		165	198	63.9	67.3	63.9	373.5	598.2				
2102 Corrugated paper and paperboard		176	177	28.8	45.1	28.8	118.9	167.5				
2109 Other articles of paper and paperboard		62	58	6.6	6.7	6.6	29.0	27.3				
221 Publishing of books and other publications		386	418	45.4	38.3	45.4	1726.6	206.1				
2211 Publishing of newspapers, journals, etc.		79	115	13.9	7.2	13.9	27.2	80.1				
2212 Publishing of newspapers, journals, etc.		51	49	5.7	5.9	5.7	43.4	51.2				
2213 Publishing of recorded media		4	4	0.1	0.2	0.1	2.7	0.7				
2219 Other publishing		252	250	25.6	25.0	25.6	1653.3	74.2				

222	Printing and related service activities	113	12.7	8.4	42.4	34.6
2221	Printing	26	1.9	3.5	8.0	13.0
2222	Service activities related to printing	87	10.8	4.9	34.4	21.6
2230	Reproduction of recorded media	2	1.4	0.1	8.1	0.7
2310	Coke oven products	6	1.0	0.8	3.8	5.1
2320	Refined petroleum products	60	5.0	5.4	37.2	56.6
2330	Processing of nuclear fuel	...	...	...	...	...
2411	Basic chemicals	405	61.4	62.1	862.5	1434.4
24111	Basic chemicals, except fertilizers	222	36.0	32.7	338.4	731.4
24112	Fertilizers and nitrogen compounds	95	18.2	19.7	461.2	591.5
24113	Plastics in primary forms; synthetic rubber	43	7.2	9.7	62.8	111.5
242	Other chemicals	648	122.2	122.7	1105.7	1745.5
2421	Pesticides and other agro-chemical products	37	11.7	12.6	89.2	106.7
2422	Paints, varnishes, printing ink and mastics	120	11.0	12.8	104.1	144.0
2423	Pharmaceuticals, medicinal chemicals, etc.	218	42.9	45.0	428.1	809.9
2424	Soap, cleaning & cosmetic preparations etc.	132	30.9	28.2	278.4	407.8
2429	Other chemical products n.e.c.	152	25.7	24.0	206.0	277.2
2430	Man-made fibres	86	52.2	6.9	326.4	71.0
251	Rubber products	464	129.8	128.3	833.2	989.7
2511	Rubber tyres and tubes	335	106.4	107.9	745.2	897.3
2519	Other rubber products	129	23.4	20.4	88.0	92.4
2520	Plastic products	839	132.6	150.7	542.1	759.0
2610	Glass and glass products	45	3.5	3.3	12.3	16.2
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	106	31.1	30.6	433.7	596.2
2720	Basic precious and non-ferrous metals	97	20.1	18.8	217.4	317.7
273	Casting of metals	29	4.2	7.1	220.5	69.9
2731	Casting of iron and steel	16	2.4	5.4	209.3	54.0
2732	Casting of non-ferrous metals	13	1.8	1.7	11.2	15.9
281	Struct. metal products; tanks; steam generators	209	22.3	22.1	205.8	404.9
2811	Structural metal products	166	17.1	18.0	129.3	320.0
2812	Tanks, reservoirs and containers of metal	43	5.2	4.1	76.5	84.9
2813	Steam generators	...	...	...	...	...
289	Other metal products; metal working services	624	85.4	87.1	466.4	683.3
2891	Metal forging/pressing/stamping/roll-forming	15	2.0	2.1	22.3	28.7
2892	Treatment & coating of metals	46	3.2	3.4	17.0	25.1
2893	Cutlery, hand tools and general hardware	151	22.9	22.2	116.0	129.2
2899	Other fabricated metal products n.e.c.	412	57.3	59.4	311.1	500.4
291	General purpose machinery	141	19.1	21.4	137.9	256.0
2911	Engines & turbines (not for transport equip.)	22	2.9	2.3	22.1	33.2
2912	Pumps, compressors, taps and valves	27	1.7	4.6	9.6	38.5
2913	Bearings, gears, gearing & driving elements	38	2.5	2.1	21.0	28.3
2914	Ovens, furnaces and furnace burners	7	3.8	4.9	20.8	29.3
2915	Lifting and handling equipment	6	0.6	0.7	3.4	13.5
2919	Other general purpose machinery	41	7.6	6.8	61.0	115.2
292	Special purpose machinery	162	23.0	23.0	161.9	207.8
2921	Agricultural and forestry machinery	28	2.8	2.7	15.9	26.1
2922	Machine tools	30	2.4	3.0	25.6	30.2
2923	Machinery for metallurgy	1	0.9	1.1	7.3	11.6
2924	Machinery for mining & construction	31	7.5	7.4	61.2	81.0
2925	Food/beverage/tobacco processing machinery	12	1.3	1.2	5.5	11.9
2926	Machinery for textile, apparel and leather	27	2.7	5.8	14.2	39.0
2927	Weapons and ammunition	4	0.1	0.2	0.2	0.3
2929	Other special purpose machinery	29	4.5	1.7	32.0	7.7
2930	Domestic appliances n.e.c.	23	3.0	4.2	19.5	43.6

continued

Indonesia

ISIC Industry	Number of establishments (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (billion RUPIAHS)							
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	
		1996	1997	1998	1999		1996	1997	1998	1999						
ISIC Industry																
3000 Office, accounting and computing machinery		8	8		...	...	0.6	0.4		...	...	4.2	5.4	
3110 Electric motors, generators and transformers		42	48		...	...	5.5	8.7		...	...	34.8	81.3	
3120 Electricity distribution & control apparatus		67	67		...	...	10.7	11.6		...	...	98.5	169.8	
3130 Insulated wire and cable		58	61		...	...	17.8	19.6		...	...	151.6	232.4	
3140 Accumulators, primary cells and batteries		35	34		...	...	11.9	10.8		...	...	123.4	146.8	
3150 Lighting equipment and electric lamps		29	29		...	...	3.4	8.8		...	...	48.3	61.4	
3190 Other electrical equipment n.e.c.		14	18		...	...	2.8	8.5		...	...	15.7	41.6	
3210 Electronic valves, tubes, etc.		76	110		...	...	34.4	61.9		...	...	233.4	518.8	
3220 TV/radio transmitters; line comm. apparatus		20	16		...	...	9.1	15.9		...	...	30.7	132.8	
3230 TV and radio receivers and associated goods		131	108		...	...	75.6	72.4		...	...	741.7	908.6	
331 Medical, measuring, testing appliances, etc.		46	34		...	...	5.0	5.3		...	...	32.3	56.3	
3311 Medical, surgical and orthopaedic equipment		19	21		...	...	3.1	2.8		...	...	21.9	38.4	
3312 Measuring/testing/navigating appliances, etc.		27	12		...	...	1.8	2.3		...	...	10.4	17.1	
3313 Industrial process control equipment		-	1		...	...	-	0.1		...	...	-	0.9	
3320 Optical instruments & photographic equipment		10	12		...	...	8.5	10.8		...	...	55.0	79.5	
3330 Watches and clocks		19	17		...	...	3.7	3.6		...	...	25.5	13.9	
3410 Motor vehicles		18	13		...	...	12.4	10.5		...	...	119.7	206.9	
3420 Automobile bodies, trailers & semi-trailers		69	81		...	...	5.1	7.3		...	...	22.1	33.2	
3430 Parts/accessories for automobiles		145	150		...	...	20.9	23.7		...	...	229.4	354.7	
351 Building and repairing of ships and boats		135	141		...	...	22.4	25.8		...	...	231.6	415.6	
3511 Building and repairing of ships		114	128		...	...	15.5	24.1		...	...	129.6	391.9	
3512 Building/repairing of pleasure/sport. boats		21	13		...	...	6.9	1.7		...	...	102.0	23.7	
3520 Railway/tramway locomotives & rolling stock		4	4		...	...	1.1	1.1		...	...	6.6	4.4	
3530 Aircraft and spacecraft		2	2		...	...	15.5	10.4		...	...	81.7	60.9	
359 Transport equipment n.e.c.		163	173		...	...	27.8	29.1		...	...	174.7	255.0	
3591 Motorcycles		82	95		...	...	19.2	20.4		...	...	133.1	191.6	
3592 Bicycles and invalid carriages		77	76		...	...	8.4	8.5		...	...	41.0	72.8	
3599 Other transport equipment n.e.c.		4	2		...	...	0.2	0.2		...	...	0.6	0.7	
3610 Furniture		1402	1450		...	...	196.2	187.4		...	...	1883.2	883.3	
369 Manufacturing n.e.c.		507	499		...	...	97.9	91.8		...	...	454.3	432.0	
3691 Jewellery and related articles		109	111		...	...	8.7	9.0		...	...	24.4	39.3	
3692 Musical instruments		16	14		...	...	4.2	4.7		...	...	21.0	26.8	
3693 Sports goods		47	47		...	...	7.4	4.6		...	...	34.0	25.1	
3694 Games and toys		107	108		...	...	38.8	36.4		...	...	180.5	201.4	
3699 Other manufacturing n.e.c.		228	219		...	...	38.8	37.2		...	...	194.3	139.4	
3710 Recycling of metal waste and scrap		73	68		...	...	3.4	3.5		...	...	7.7	8.4	
3720 Recycling of non-metal waste and scrap		21423	22070		...	...	4106.8	4216.9		...	...	24862.6	28220.3	
D Total manufacturing	

Indonesia	ISIC Revision 3	Output in producers' prices (billion RUPIAHS)				Value added in factor values (billion RUPIAHS)				Gross fixed capital formation (billion RUPIAHS)		
		Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	
			1996	1997	1998	1999		1996	1997	1998	1999	
	ISIC Industry											
	151 Processed meat, fish, fruit, vegetables, fats	...	...	29680.8	34193.7	...	7867.1	9083.4	4333.6	29222.2
	1511 Processing/preserving of meat	542.1	610.0	...	...	...	64.5	187.9	80.5	22.9
	1512 Processing/preserving of fish	10610.2	9083.8	...	...	...	2993.9	2251.9	1881.5	1501.0
	1513 Processing/preserving of fruit & vegetables	1118.8	1303.0	...	...	...	387.6	598.1	171.3	134.3
	1514 Vegetable and animal oils and fats	17409.6	23196.9	...	...	...	4821.0	6045.5	2200.3	27564.0
	1520 Dairy products	...	...	...	...	...	...	...	...	...
	153 Grain mill products; starches; animal feeds	13764.4	12122.8	...	...	...	3221.9	3440.4	5011.8	2264.9
	1531 Grain mill products	6562.7	3661.4	...	...	...	969.5	804.4	1799.4	511.0
	1532 Starches and starch products	2573.0	2792.1	...	...	...	1008.7	738.0	2678.1	1178.7
	1533 Prepared animal feeds	4628.7	5669.3	...	...	...	1243.7	1898.0	534.3	575.2
	154 Other food products	19430.2	19850.3	...	...	...	6790.5	7104.3	10184.6	33709.0
	1541 Bakery products	1340.5	1381.6	...	...	...	366.4	433.3	512.7	360.2
	1542 Sugar	3434.2	3837.2	...	...	...	1386.1	1848.9	1001.8	838.9
	1543 Cocoa, chocolate and sugar confectionery	1701.5	2144.1	...	...	...	305.3	503.0	793.3	734.1
	1544 Macaroni, noodles & similar products	6293.8	4083.4	...	...	...	2602.0	1442.5	331.4	29996.1
	1549 Other food products n.e.c.	6660.2	8403.9	...	...	...	2130.6	2876.6	7545.4	1779.6
	155 Beverages	2036.5	2128.2	...	...	...	617.5	1117.9	940.7	769.6
	1551 Distilling, rectifying & blending of spirits	15.1	20.9	...	...	...	9.6	13.8	3.6	3.4
	1552 Wines	20.1	14.2	...	...	...	7.8	5.7	7.8	1.5
	1553 Malt liquors and malt	160.0	207.7	...	...	...	10.2	53.2	228.4	352.1
	1554 Soft drinks; mineral waters	1841.2	1885.3	...	...	...	589.9	1045.2	700.8	412.6
	1600 Tobacco products	...	...	24759.6	32742.8	...	13109.7	14686.2	4445.8	2515.4
	171 Spinning, weaving and finishing of textiles	37408.0	49105.3	...	...	...	12034.3	16603.2	32822.9	31982.6
	1711 Textile fibre preparation; textile weaving	26573.7	36540.2	...	...	...	8198.9	11756.1	10926.6	25856.2
	1712 Finishing of textiles	10734.3	12566.2	...	...	...	3835.4	4847.0	21866.4	6126.3
	172 Other textiles	4711.1	13690.9	...	...	...	1121.8	2898.3	4482.0	1141.7
	1721 Made-up textile articles, except apparel	1264.8	2160.7	...	...	...	783.3	666.3	765.3	249.1
	1722 Carpets and rugs	194.4	278.3	...	...	...	69.7	117.7	99.0	100.1
	1723 Cordage, rope, twine and netting	576.8	1014.5	...	...	...	367.3	616.1	108.8	138.4
	1729 Other textiles n.e.c.	2675.0	10237.3	...	...	...	606.6	1478.2	3508.8	654.1
	1730 Knitted and crocheted fabrics and articles	7459.5	3624.3	...	...	...	2340.4	1273.0	2555.6	434.0
	1810 Wearing apparel, except fur apparel	15316.0	22750.9	...	...	...	5007.2	8328.0	1798.3	2190.5
	1820 Dressing & dyeing of fur; processing of fur	178.7	39.1	...	...	...	58.3	16.5	19.9	-
	1911 Tanning, dressing and processing of leather	1455.9	1360.2	...	...	...	443.6	467.4	267.0	178.6
	1912 Luggage, handbags, etc.; saddlery & harness	869.7	975.6	...	...	...	262.4	263.6	178.9	151.0
	1920 Footwear	586.3	384.6	...	...	...	181.2	203.9	88.1	27.5
	2010 Sawmilling and planing of wood	2072.9	2518.3	...	...	...	699.8	862.4	1337.8	580.2
	202 Products of wood, cork, straw, etc.	27604.7	31477.7	...	...	...	9310.9	11574.9	21892.0	10341.6
	2021 Veneer sheets, plywood, particle board, etc.	21994.7	25499.1	...	...	...	9327.8	9024.0	20500.0	9024.0
	2022 Builders' carpentry and joinery	4785.8	5122.0	...	...	...	1737.3	1935.6	1246.3	1132.3
	2023 Wooden containers	33.3	43.7	...	...	...	8.8	17.2	9.1	10.4
	2029 Other wood products; articles of cork/straw	790.9	812.9	...	...	...	295.7	294.2	136.4	174.9
	210 Paper and paper products	15733.0	17371.8	...	...	...	5186.1	6338.9	16944.5	11795.7
	2101 Pulp, paper and paperboard	12010.9	13510.1	...	...	...	4220.0	4946.3	12527.0	11184.7
	2102 Corrugated paper and paperboard	2941.2	3327.4	...	...	...	805.5	1178.0	4007.2	546.0
	2109 Other articles of paper and paperboard	780.9	534.4	...	...	...	160.6	214.6	410.2	65.0
	221 Publishing of books and other publications	8199.3	10476.1	...	...	...	3764.6	4599.8	5368.1	425.7
	2211 Publishing of newspapers, journals, etc.	358.0	1139.5	...	...	...	121.8	156.6	121.8	156.6
	2212 Publishing of newspapers, journals, etc.	378.9	447.1	...	...	...	162.4	214.4	286.6	74.5
	2213 Publishing of recorded media	53.3	37.1	...	...	...	19.7	19.9	0.6	0.7
	2219 Other publishing	7409.1	8852.3	...	...	...	3371.5	4084.9	4959.1	193.9

continued

Indonesia	ISIC Revision 3	Output in producers' prices (billion RUP/IAHS)				Value added in factor values (billion RUP/IAHS)				Gross fixed capital formation (billion RUP/IAHS)			
		1996	1997	1998	1999	1996	1997	1998	1999	1998	1999		
		Note	Note	Note	Note	Note	Note	Note	Note	Note	Note		
	ISIC Industry												
	222 Printing and related service activities	...	...	869.1	279.4	...	...	176.8	161.9	548.7	24.4
	2221 Printing	...	...	201.0	183.4	...	...	62.7	111.5	50.2	6.0
	2222 Service activities related to printing	...	...	668.1	96.1	...	...	114.1	50.4	498.5	18.4
	2230 Reproduction of recorded media	...	...	38.5	0.5	...	...	12.0	0.3	5.2	...
	2310 Coke oven products	...	...	15.2	26.1	...	...	2.5	6.2	28.8	6.0
	2320 Refined petroleum products	...	...	451.5	785.8	...	...	244.1	354.1	1475.5	469.5
	2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...
	241 Basic chemicals	...	...	27171.6	28836.0	...	...	9718.0	9816.0	12327.8	12519.5
	2411 Basic chemicals, except fertilizers	...	...	18074.5	18689.1	...	...	7138.6	6508.3	6206.9	4325.3
	2412 Fertilizers and nitrogen compounds	...	...	6194.1	6968.8	...	...	1743.6	1790.0	4899.5	7894.5
	2413 Plastics in primary forms; synthetic rubber	...	...	2903.0	3998.1	...	...	635.8	1517.7	1222.8	599.6
	242 Other chemicals	...	...	16771.6	20731.2	...	...	5448.9	9030.1	4855.8	4192.9
	2421 Pesticides and other agro-chemical products	...	...	1329.1	1374.8	...	...	267.1	394.8	135.8	82.6
	2422 Paints, varnishes, printing ink and mastics	...	...	2211.7	2697.4	...	...	667.2	1052.6	907.5	175.0
	2423 Pharmaceuticals, medicinal chemicals, etc.	...	...	4668.3	6782.9	...	...	1913.1	3201.2	1829.8	1109.7
	2424 Soap, cleaning & cosmetic preparations	...	...	4392.2	6803.9	...	...	1703.4	3275.7	824.4	2332.4
	2429 Other chemical products n.e.c.	...	...	4170.3	3072.3	...	...	898.0	1105.8	1158.4	493.3
	2430 Man-made fibres	...	...	12028.3	3768.8	...	...	4818.6	1657.9	5354.0	2.3
	251 Rubber products	...	...	17340.7	16640.8	...	...	2943.3	4591.3	9241.3	2207.9
	2511 Rubber tyres and tubes	...	...	16204.7	15633.2	...	...	2599.4	4216.2	8751.6	1852.8
	2519 Other rubber products	...	...	1136.0	1007.6	...	...	343.8	375.1	489.7	355.1
	2520 Plastic products	...	...	8992.3	11649.1	...	...	2819.3	4243.9	3630.1	1969.2
	2610 Glass and glass products	...	...	...	...	...	...	...	...	...	...
	269 Non-metallic mineral products n.e.c.	...	...	286.5	186.6	...	...	132.1	50.7	601.9	392.4
	2691 Pottery, china and earthenware	...	...	...	...	...	...	...	...	...	...
	2692 Refractory ceramic products	...	...	...	...	...	...	...	...	...	...
	2693 Struct.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	15599.0	...	...	3578.1	3769.2	8068.2	8040.6
	2720 Basic precious and non-ferrous metals	...	...	6493.3	7313.0	...	...	2040.1	3012.9	11968.2	9291.8
	273 Casting of metals	...	...	634.4	1534.4	...	...	260.8	590.0	85.6	355.6
	2731 Casting of iron and steel	...	...	420.8	1232.8	...	...	126.8	433.1	38.4	327.8
	2732 Casting of non-ferrous metals	...	...	213.6	301.6	...	...	134.0	156.9	47.2	27.7
	281 Struct.metal products;tanks;steam generators	...	...	2593.5	2824.1	...	...	946.3	1183.1	1206.1	907.3
	2811 Structural metal products	...	...	2056.3	2416.0	...	...	654.4	960.9	1078.6	788.8
	2812 Tanks, reservoirs and containers of metal	...	...	537.2	408.1	...	...	291.9	222.2	127.5	118.5
	2813 Steam generators	...	...	...	...	...	...	...	...	...	...
	289 Other metal products; metal working services	...	...	8397.9	9321.6	...	...	2832.8	3646.3	2449.2	1419.2
	2891 Metal forging/pressing/stamping/roll-forming	...	...	572.8	526.9	...	...	158.2	168.0	282.9	100.3
	2892 Treatment & coating of metals	...	...	363.6	159.7	...	...	167.8	67.5	63.2	87.8
	2893 Cutlery, hand tools and general hardware	...	...	1119.1	1064.2	...	...	542.0	469.4	214.4	133.2
	2899 Other fabricated metal products n.e.c.	...	...	6342.4	7570.9	...	...	1964.8	2941.4	1888.8	1098.0
	291 General purpose machinery	...	...	2115.2	1871.8	...	...	620.0	580.7	1395.3	1613.4
	2911 Engines & turbines(not for transport equip.)	...	...	316.4	347.5	...	...	69.8	102.5	143.0	77.3
	2912 Pumps, compressors, taps and valves	...	...	77.3	460.9	...	...	27.0	154.8	35.4	701.9
	2913 Bearings, gears, gearing & driving elements	...	...	189.7	138.8	...	...	63.6	66.3	164.4	10.8
	2914 Ovens, furnaces and furnace burners	...	...	161.7	100.1	...	...	90.5	38.3	85.3	13.1
	2915 Lifting and handling equipment	...	...	144.9	62.1	...	...	90.8	38.2	57.2	48.5
	2919 Other general purpose machinery	...	...	1225.0	762.4	...	...	278.2	180.5	910.0	761.7

292 Special purpose machinery	2664.7	1245.1	...	...	1152.1	502.6	787.3	485.5
2921 Agricultural and forestry machinery	123.9	202.1	...	...	52.9	84.8	65.2	75.0
2922 Machine tools	141.6	125.2	...	...	28.4	56.9	110.5	76.5
2923 Machinery for metallurgy	56.9	12.7	...	...	27.7	7.4	...	...
2924 Machinery for mining & construction	1506.6	495.1	...	...	781.1	217.6	292.4	195.4
2925 Food/beverage/tobacco processing machinery	21.9	35.6	...	...	11.0	21.2	22.0	17.9
2926 Machinery for textile, apparel and leather	355.5	335.1	...	...	86.4	94.3	112.9	108.2
2927 Weapons and ammunition	0.7	0.9	...	...	0.3	0.4	1.1	0.5
2929 Other special purpose machinery	457.5	37.3	...	...	164.2	20.0	183.3	12.0
2930 Domestic appliances n.e.c.	347.2	521.0	...	...	119.7	192.6	168.6	166.2
3000 Office, accounting and computing machinery	44.1	140.7	...	...	30.0	60.4	24.9	14.3
3110 Electric motors, generators and transformers	621.1	1126.6	...	...	216.8	434.6	703.8	204.6
3120 Electricity distribution & control apparatus	969.7	2430.8	...	...	432.8	1466.5	374.1	1135.4
3130 Insulated wire and cable	2352.6	2434.7	...	...	525.7	717.5	990.2	912.0
3140 Accumulators, primary cells and batteries	2471.7	5563.9	...	...	579.0	2152.2	420.4	277.6
3150 Lighting equipment and electric lamps	927.0	867.6	...	...	226.6	314.8	371.9	281.8
3190 Other electrical equipment n.e.c.	173.2	199.7	...	...	53.0	70.7	85.7	35.1
3210 Electronic valves, tubes, etc.	6647.8	9255.5	...	...	1806.0	3340.6	724.8	1047.9
3220 TV/radio transmitters; line comm. apparatus	3041.6	1046.7	...	...	1069.6	499.0	66.3	174.6
3230 TV and radio receivers and associated goods	15128.3	15944.7	...	...	4289.7	4310.1	12153.7	610.0
3311 Medical, measuring, testing appliances, etc.	453.5	373.0	...	...	137.6	185.8	173.6	138.1
3312 Measuring/testing/navigating appliances, etc.	368.7	308.8	...	...	100.2	149.2	140.4	102.7
3313 Industrial process control equipment	84.8	61.6	...	...	37.4	35.7	33.1	22.0
3320 Optical instruments & photographic equipment	1330.5	1757.9	...	...	183.8	590.5	343.4	508.2
3330 Watches and clocks	325.7	363.7	...	...	202.2	245.0	14.2	13.1
3410 Motor vehicles	1555.5	3434.3	...	...	1094.3	1739.0	335.8	240.7
3420 Automobile bodies, trailers & semi-trailers	149.9	293.4	...	...	64.0	183.8	182.1	103.0
3430 Parts/accessories for automobiles	2694.5	5049.6	...	...	894.7	2402.9	2054.7	1268.6
3511 Building and repairing of ships and boats	1657.5	1673.0	...	...	1056.0	1063.5	1350.6	372.4
3512 Building and repairing of pleasure/sport boats	1171.9	1343.4	...	...	799.9	871.2	286.3	372.3
3520 Railway/tramway locomotives & rolling stock	485.6	329.6	...	...	256.2	192.3	1064.3	0.1
3530 Aircraft and spacecraft	112.4	207.5	...	...	31.5	105.4	0.6	1.3
3591 Motorcycles	102.9	45.9	...	...	72.0	14.3	784.8	739.7
3592 Bicycles and invalid carriages	15886.2	18429.1	...	...	9010.8	10235.3	1212.7	630.8
3599 Other transport equipment n.e.c.	15327.5	17608.3	...	...	8840.9	9918.3	1094.7	608.6
3610 Furniture	557.2	781.0	...	...	169.7	287.7	117.3	22.1
3691 Jewellery and related articles	3.5	39.8	...	...	0.2	29.3	0.1	-
3692 Musical instruments	9102.9	7110.9	...	...	4127.3	2885.6	1908.8	997.8
3693 Sports goods	4555.2	4004.9	...	...	1916.2	1742.4	803.4	486.0
3694 Games and toys	531.7	620.6	...	...	147.3	257.6	99.5	64.1
3699 Other manufacturing n.e.c.	369.2	474.8	...	...	214.9	119.4	87.8	93.4
3710 Recycling of metal waste and scrap	511.9	372.7	...	...	265.8	202.4	114.6	21.8
3720 Recycling of non-metal waste and scrap	1489.6	1353.9	...	...	615.3	660.6	191.3	75.6
D Total manufacturing	1652.9	1182.9	...	...	672.9	502.5	310.3	241.0
	108.7	54.6	...	...	63.4	17.9	72.1	28.3
	430273.2	488211.6	...	...	148254.7	179971.7	317843.0	197317.2

Indonesia

ISIC Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
15	Food and beverages	83	90	100	94	109	136	180	207	245	330	501	1109		
16	Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles	71	81	100	107	115	115	126	142	145	135	122	143		
18	Wearing apparel, fur	88	94	100	183	212	236	251	294	318	357	337	366		
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	95	99	100	101	109	105	107	103	96	92	77	65		
21	Paper and paper products	76	83	100	104	150	153	175	210	223	266	285	382		
22	Printing and publishing	78	86	100	131	137	159	175	156	141	136	110	64		
23	Coke, refined petroleum products, nuclear fuel	82	91	100	116	129	145	156	159	158	162	156	207		
24	Chemicals and chemical products	...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products	76	94	100	114	122	138	174	201	189	195	138	146		
27	Basic metals	65	77	100	158	165	213	229	290	283	281	221	226		
28	Fabricated metal products	62	82	100	91	98	91	102	115	137	104	63	103		
29	Machinery and equipment n.e.c.	44	56	100	52	50	35	19	20	15	13	8	3		
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	70	84	100	105	129	130	145	153	138	172	150	128		
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	...	...	100	96	92	83	77	71	62	48	31	35
34	Motor vehicles, trailers, semi-trailers	62	75	100	133	103	98	125	127	122	163	52	52		
35	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture, manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	78	88	100	111	123	137	161	179	191	216	137	139		

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

IRAN (ISLAMIC REPUBLIC OF)

<p>Supplier of information: Statistical Centre of Iran, Teheran.</p> <p>Basic source of data: Annual industrial survey.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year): Iranian year beginning 21 March of the year indicated.</p> <p>Scope: Establishments with 10 or more persons engaged.</p> <p>Method of enumeration: Individual sites are visited by enumerators.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <u>Number of employees</u> is the average of the quarterly numbers.</p> <p>Related national publications: Large-scale Industrial Establishments (annual), available only in the national language, published by the Statistical Centre of Iran, Teheran.</p>
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Iran (Islamic Republic of)

ISIC Industry	Number of establishments (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (million RIALS)						
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	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		521	560	541	573		32.4	34.8	...	...		195349	251614	...	...
1511 Processing/preserving of meat		193	205	196	208		8.4	9.4	...	...		43293	59740	...	...
1512 Processing/preserving of fish		45	50	48	46		3.9	4.6	...	...		19330	27921	...	...
1513 Processing/preserving of fruit & vegetables		257	279	263	254		10.8	11.0	...	...		54433	68509	...	...
1514 Vegetable and animal oils and fats		26	26	29	34		9.3	9.9	...	...		78293	95444	...	...
1520 Dairy products		89	102	112	115		7.1	11.2	...	...		56214	82618	...	...
153 Grain mill products; starches; animal feeds		329	342	348	358		10.0	10.5	...	...		51395	66604	...	...
1531 Grain mill products		249	256	260	266		7.2	7.6	...	...		31925	41733	...	...
1532 Starches and starch products		13	15	17	18		0.8	0.9	...	...		8236	10366	...	...
1533 Prepared animal feeds		67	71	71	74		2.0	2.0	...	...		11233	14504	...	...
154 Bakery products		983	1044	1057	1101		52.4	55.2	...	...		324017	402234	...	...
1541 Bakery products		377	395	404	421		17.1	18.1	...	...		122900	157849	...	...
1542 Sugar		85	87	87	87		19.9	19.9	...	...		137259	160691	...	...
1543 Cocoa, chocolate and sugar confectionery		63	69	63	61		2.3	2.6	...	...		11323	15568	...	...
1544 Macaroni, noodles & similar products		195	213	222	230		3.8	4.2	...	...		13974	19113	...	...
1549 Other food products n.e.c.		263	280	281	293		9.3	10.4	...	...		38560	49012	...	...
155 Beverages		37	39	42	44		10.6	10.9	...	...		86012	112961	...	...
1551 Distilling, rectifying & blending of spirits		5	6	6	6		0.3	0.3	...	...		2273	3090	...	...
1552 Wines		-	-	-	-		-	-	...	...		-	-	...	...
1553 Malt liquors and malt		2	2	2	3		0.5	0.5	...	...		4127	6179	...	...
1554 Soft drinks; mineral waters		30	31	34	35		9.8	10.1	...	...		79612	103693	...	...
1600 Tobacco products		1	1	1	1		5.3	5.0	...	...		46024	97016	...	...
171 Spinning, weaving and finishing of textiles		799	822	839	835		112.7	115.8	...	...		692595	877827	...	...
1711 Textile fibre preparation; textile weaving		701	718	718	718		110.0	112.9	...	...		680643	861723	...	...
1712 Finishing of textiles		98	104	116	117		2.7	2.9	...	...		11953	165204	...	...
172 Other textiles		678	704	724	790		30.9	31.9	...	...		143013	185232	...	...
1721 Made-up textile articles, except apparel		77	82	74	74		4.3	4.5	...	...		20130	27375	...	...
1722 Carpets and rugs		568	590	582	663		25.6	26.4	...	...		119179	153177	...	...
1723 Cordage, rope, twine and netting		6	7	5	5		0.3	0.3	...	...		870	1134	...	...
1729 Other textiles n.e.c.		27	25	23	28		0.7	0.7	...	...		2833	3545	...	...
1730 Knitted and crocheted fabrics and articles		153	152	143	144		3.6	3.5	...	...		17945	19829	...	...
1810 Wearing apparel, except fur apparel		415	418	407	405		8.6	8.9	...	...		39300	48592	...	...
1820 Dressing & dyeing of fur; processing of fur		2	2	2	1		0.8	0.8	...	...		4205	5236	...	...
191 Tanning, dressing and processing of leather		109	112	138	140		3.4	3.6	...	...		16771	21952	...	...
1911 Tanning and dressing of leather		90	93	118	120		3.2	3.4	...	...		15811	20788	...	...
1912 Luggage, handbags, etc.; saddlery & harness		19	19	20	20		0.2	0.2	...	...		960	1164	...	...
1920 Footwear		260	265	245	258		13.6	13.4	...	...		79632	93229	...	...
2010 Sawmilling and planing of wood		29	27	32	30		1.5	1.5	...	...		8810	11553	...	...
202 Products of wood, cork, straw, etc.		188	193	186	187		8.6	8.8	...	...		52152	65030	...	...
2021 Veneer sheets, plywood, particle board, etc.		73	63	68	51		5.8	5.9	...	...		35131	48716	...	...
2022 Builders' carpentry and joinery		79	83	77	77		1.6	1.7	...	...		8610	10903	...	...
2023 Wooden containers		32	34	30	32		0.5	0.5	...	...		1808	2090	...	...
2029 Other wood products; articles of cork/straw		34	33	31	27		0.7	0.7	...	...		2602	3321	...	...
210 Paper and paper products		170	180	200	214		13.9	14.6	...	...		122320	152594	...	...
2101 Pulp, paper and paperboard		32	34	38	45		6.2	6.5	...	...		62690	79868	...	...
2102 Corrugated paper and paperboard		78	77	91	96		5.0	5.2	...	...		41467	50745	...	...
2109 Other articles of paper and paperboard		60	69	71	73		2.7	2.8	...	...		18162	21980	...	...
221 Publishing of books and other publications		48	50	45	45		5.4	5.4	...	...		44252	52643	...	...
2211 Publishing of newspapers, journals, etc.		28	29	29	29		2.1	2.1	...	...		15527	19367	...	...
2212 Publishing of newspapers, journals, etc.		17	18	30	29		3.2	3.2	...	...		27944	32337	...	...
2213 Publishing of recorded media		-	-	1	1		-	-	...	...		-	-	...	...
2219 Other publishing		3	3	5	5		0.1	0.1	...	...		781	939	...	...

222 Printing and related service activities	196	197	196	4.1	4.3	...	...	28372	...
2221 Printing	158	158	158	3.5	3.8	...	...	25325	...
2222 Service activities related to printing	38	39	38	0.6	0.5	...	...	3046	...
2230 Reproduction of recorded media	-	-	-	-	-	...	...	-	...
2310 Coke oven products	3	5	5	-	-	...	...	277	...
2320 Refined petroleum products	43	53	65	15.4	16.1	...	...	205489	...
2330 Processing of nuclear fuel	-	-	-	-	-	...	...	-	...
241 Basic chemicals	116	143	156	18.5	20.6	...	...	178589	...
2411 Basic chemicals, except fertilizers	70	81	85	3.6	5.0	...	...	29949	...
2412 Fertilizers and nitrogen compounds	6	9	12	5.5	6.3	...	...	55414	...
2413 Plastics in primary forms; synthetic rubber	40	53	59	9.3	9.3	...	...	40889	...
242 Other chemicals	459	516	523	32.4	34.0	...	...	107751	...
2421 Pesticides and other agro-chemical products	12	11	12	0.7	0.8	...	...	308791	...
2422 Paints, varnishes, printing ink and mastics	128	136	137	4.3	4.8	...	...	3976	...
2423 Pharmaceuticals, medicinal chemicals, etc.	93	100	102	12.8	13.1	...	...	31027	...
2424 Soap, cleaning & cosmetic preparations	138	144	160	8.7	9.3	...	...	95564	...
2429 Other chemical products n.e.c.	95	108	112	5.9	6.0	...	...	72253	...
2430 Man-made fibres	6	10	12	3.2	3.3	...	...	35550	...
251 Rubber products	91	115	110	12.8	14.1	...	...	45847	...
2511 Rubber tyres and tubes	77	18	20	9.7	10.1	...	...	135571	...
2519 Other rubber products	74	96	90	3.1	4.0	...	...	10927	...
2520 Plastic products	423	492	526	13.8	14.1	...	...	25643	...
2610 Glass and glass products	125	134	135	10.6	10.6	...	...	74983	...
2619 Non-metallic mineral products n.e.c.	3203	3331	3389	112.7	116.8	...	...	67294	...
2691 Pottery, china and earthenware	47	48	51	9.6	9.8	...	...	707568	...
2692 Refractory ceramic products	18	20	21	2.6	2.4	...	...	56362	...
2693 Struct. non-refractory clay; ceramic products	1731	1718	1709	51.8	53.3	...	...	21339	...
2694 Cement; lime and plaster	96	103	119	16.7	17.5	...	...	266746	...
2695 Articles of concrete, cement and plaster	381	380	382	17.6	18.2	...	...	346548	...
2696 Cutting, shaping & finishing of stone	612	707	756	6.6	7.1	...	...	181205	...
2699 Other non-metallic mineral products n.e.c.	318	349	351	8.1	8.5	...	...	142567	...
2710 Basic iron and steel	74	80	91	44.0	43.2	...	...	35771	...
2720 Basic precious and non-ferrous metals	87	102	107	10.3	10.5	...	...	52972	...
273 Casting of metals	156	170	173	7.9	11.2	...	...	541283	...
2731 Casting of iron and steel	102	103	118	6.7	9.9	...	...	163205	...
2732 Casting of non-ferrous metals	54	58	55	1.2	1.4	...	...	103132	...
281 Struct. metal products; tanks; steam generators	250	255	257	18.0	18.5	...	...	95854	...
2811 Structural metal products	143	160	156	8.2	8.5	...	...	7278	...
2812 Tanks, reservoirs and containers of metal	107	95	101	9.8	10.0	...	...	135919	...
2813 Steam generators	-	-	-	-	-	...	...	61936	...
289 Other metal products; metal working services	743	752	764	20.4	23.0	...	...	73982	...
2891 Metal forging/pressing/stamping/roll-forming	50	43	41	0.8	0.9	...	...	163820	...
2892 Treatment & coating of metals	219	219	224	4.1	4.3	...	...	3632	...
2893 Cutlery, hand tools and general hardware	49	52	62	2.5	2.7	...	...	4509	...
2899 Other fabricated metal products n.e.c.	425	429	437	13.0	15.0	...	...	22001	...
291 General purpose machinery	353	377	384	20.8	22.3	...	...	16615	...
2911 Engines & turbines(not for transport equip.)	12	12	13	4.2	3.9	...	...	112188	...
2912 Pumps, compressors, taps and valves	117	122	120	5.2	5.7	...	...	197327	...
2913 Bearings, gears, gearing & driving elements	31	33	37	1.0	1.5	...	...	49972	...
2914 Ovens, furnaces and furnace burners	26	29	27	1.0	1.7	...	...	39997	...
2915 Lifting and handling equipment	55	58	61	3.1	3.3	...	...	14277	...
2919 Other general purpose machinery	112	110	126	6.4	6.2	...	...	12258	...
292 Special purpose machinery	451	469	480	20.7	21.0	...	...	28126	...
2921 Agricultural and forestry machinery	98	104	103	5.4	6.0	...	...	52698	...
2922 Machine tools	90	90	94	4.3	3.8	...	...	159030	...
2923 Machinery for metallurgy	8	7	5	0.2	0.2	...	...	39822	...
2924 Machinery for mining & construction	85	79	89	5.6	5.8	...	...	34332	...
2925 Food/beverage/tobacco processing machinery	72	71	80	1.7	1.8	...	...	856	...
2926 Machinery for textile, apparel and leather	46	47	46	1.5	1.3	...	...	51453	...
2927 Weapons and ammunition	...	...	...	...	...	...	...	10031	...
2929 Other special purpose machinery	52	57	66	2.0	2.2	8047	...
2930 Domestic appliances n.e.c.	215	232	235	20.6	21.6	14488	...

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cont inued

Iran (Islamic Republic of)

ISIC Revision 3

ISIC Industry	Number of establishments (numbers)			Number of employees (thousands)			Wages and salaries paid to employees (million RIALS)			
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
		1995	1996	1997	1998		1995	1996	1997	1998
3000 Office, accounting and computing machinery		21	21	44	49		5373	6926	...	...
3110 Electric motors, generators and transformers		104	108	112	115		37663	50471	...	...
3120 Electricity distribution & control apparatus		56	60	58	64		31266	40502	...	...
3130 Insulated wire and cable		60	64	70	72		49498	68736	...	...
3140 Accumulators, primary cells and batteries		2	2	4	5		3640	5712	...	...
3180 Lighting equipment and electric lamps		49	48	52	54		18970	24970	...	...
3190 Other electrical equipment n.e.c.		37	35	44	46		6701	7855	...	...
3210 Electronic valves, tubes, etc.		19	19	18	18		3045	3934	...	...
3220 TV/radio transmitters; line comm. apparatus		22	22	22	23		16371	20118	...	...
3230 TV and radio receivers and associated goods		27	24	32	33		32105	42343	...	...
331 Medical, measuring, testing appliances, etc.		88	90	105	114		35268	47459	...	...
3311 Medical, surgical and orthopaedic equipment		65	67	76	84		19467	26499	...	...
3312 Measuring/testing/navigating appliances, etc.		19	19	23	24		14997	19955	...	...
3313 Industrial process control equipment		4	4	6	6		805	1005	...	...
3320 Optical instruments & photographic equipment		8	7	8	8		929	1289	...	...
3330 Watches and clocks		8	8	8	9		875	1005	...	...
3410 Motor vehicles		14	17	16	20		205208	311504	...	...
3420 Automobile bodies, trailers & semi-trailers		31	32	38	39		5016	6447	...	...
3430 Parts/accessories for automobiles		181	189	219	235		61006	100849	...	...
351 Building and repairing of ships and boats		26	27	26	25		13841	18915	...	...
3511 Building and repairing of ships		5	6	6	5		10766	15531	...	...
3512 Building/repairing of pleasure/sport. boats		21	21	20	20		3075	3384	...	...
3520 Railway/tramway locomotives & rolling stock		12	13	14	13		21354	30952	...	...
3530 Aircraft and spacecraft		1	1	-	-		675	690	...	...
359 Transport equipment n.e.c.		48	51	50	52		21739	34866	...	...
3591 Motorcycles		22	23	21	21		17604	29260	...	...
3592 Bicycles and invalid carriages		16	17	18	20		2372	3294	...	...
3599 Other transport equipment n.e.c.		10	11	11	11		1762	2313	...	...
3610 Furniture		252	253	253	258		28439	36728	...	...
369 Manufacturing n.e.c.		110	114	112	118		15624	20480	...	...
3691 Jewellery and related articles		22	21	19	19		1245	1387	...	...
3692 Musical instruments		-	1	1	1		-	21	...	...
3693 Sports goods		8	9	9	11		866	1184	...	...
3694 Games and toys		4	4	4	4		471	780	...	...
3699 Other manufacturing n.e.c.		76	79	79	83		13041	17108	...	...
3710 Recycling of metal waste and scrap		1	1	-	-		34	32	...	...
3720 Recycling of non-metal waste and scrap		5	5	8	9		134	163	...	...
D Total manufacturing		12987	13371	13904	14263		5338106	7156886	...	...
							793.8	832.3	...	...

a/ Data suppressed due to confidentiality rules.

Iran (Islamic Republic of)

ISIC Revision 3

ISIC Industry	Output (million RIALS)			Value added (million RIALS)			Gross fixed capital formation (million RIALS)	
	1995	1996	1997	1996	1997	1998	1997	1998
	Note	Note	Note	Note	Note	Note	Note	Note
151 Processed meat, fish, fruit, vegetables, fats	5758843	5758843	5758843	1314254	1314254	1314254	...	...
1511 Processing/preserving of meat	4543954	4543954	4543954	216773	216773	216773	...	...
1512 Processing/preserving of fish	1234513	1234513	1234513	70066	70066	70066	...	...
1513 Processing/preserving of fruit & vegetables	825739	825739	825739	304049	304049	304049	...	...
1514 Vegetable and animal oils and fats	1605371	1605371	1605371	373986	373986	373986	...	...
1520 Dairy products	1149220	1149220	1149220	178710	178710	178710	...	...
153 Grain mill products; starches; animal feeds	490225	490225	490225	201809	201809	201809	...	...
1531 Grain mill products	166774	166774	166774	108942	108942	108942	...	...
1532 Starches and starch products	46407	46407	46407	17513	17513	17513	...	...
1533 Prepared animal feeds	277044	277044	277044	73264	73264	73264	...	...
154 Other food products	2661075	2661075	2661075	934785	934785	934785	...	...
1541 Bakery products	803807	803807	803807	334358	334358	334358	...	...
1542 Sugar	1133628	1133628	1133628	353070	353070	353070	...	...
1543 Cocoa, chocolate and sugar confectionery	159067	159067	159067	54785	54785	54785	...	...
1544 Macaroni, noodles & similar products	181566	181566	181566	63485	63485	63485	...	...
1549 Other food products n.e.c.	383207	383207	383207	126355	126355	126355	...	...
155 Beverages	637524	637524	637524	355783	355783	355783	...	...
1551 Distilling, rectifying & blending of spirits	24722	24722	24722	9891	9891	9891	...	...
1552 Wines	-	-	-	-	-	-	...	...
1553 Malt liquors and malt	38796	38796	38796	25153	25153	25153	...	...
1554 Soft drinks; mineral waters	574006	574006	574006	320739	320739	320739	...	...
1600 Tobacco products	256341	256341	256341	177147	177147	177147	...	...
171 Spinning, weaving and finishing of textiles	4230060	4230060	4230060	1863627	1863627	1863627	...	...
1711 Textile fibre preparation; textile weaving	4131039	4131039	4131039	1530681	1530681	1530681	...	...
1712 Finishing of textiles	99022	99022	99022	42911	42911	42911	...	...
172 Other textiles	1613262	1613262	1613262	399325	399325	399325	...	...
1721 Made-up textile articles, except apparel	144943	144943	144943	43026	43026	43026	...	...
1722 Carpets and rugs	1117026	1117026	1117026	340230	340230	340230	...	...
1723 Cordage, rope, twine and netting	19353	19353	19353	6971	6971	6971	...	...
1729 Other textiles n.e.c.	24519	24519	24519	9097	9097	9097	...	...
1730 Knitted and crocheted fabrics and articles	135309	135309	135309	52666	52666	52666	...	...
1810 Wearing apparel, except fur apparel	271190	271190	271190	114057	114057	114057	...	...
1820 Dressing & dyeing of fur; processing of fur	15754	15754	15754	5746	5746	5746	...	...
191 Tanning, dressing and processing of leather	258703	258703	258703	67372	67372	67372	...	...
1911 Tanning and dressing of leather	250850	250850	250850	64610	64610	64610	...	...
1912 Luggage, handbags, etc.; saddlery & harness	8053	8053	8053	2762	2762	2762	...	...
1920 Footwear	404491	404491	404491	152709	152709	152709	...	...
2010 Sawmilling and planing of wood	33966	33966	33966	16786	16786	16786	...	...
202 Products of wood, cork, straw, etc.	284505	284505	284505	127863	127863	127863	...	...
2021 Veneer sheets, plywood, particle board, etc.	216101	216101	216101	95980	95980	95980	...	...
2022 Builders' carpentry and joinery	36334	36334	36334	17079	17079	17079	...	...
2023 Wooden containers	12079	12079	12079	5884	5884	5884	...	...
2029 Other wood products; articles of cork/straw	19991	19991	19991	8920	8920	8920	...	...
210 Paper and paper products	1021374	1021374	1021374	382575	382575	382575	...	...
2101 Pulp, paper and paperboard	305368	305368	305368	161496	161496	161496	...	...
2102 Corrugated paper and paperboard	512921	512921	512921	155144	155144	155144	...	...
2109 Other articles of paper and paperboard	203085	203085	203085	65935	65935	65935	...	...
221 Publishing of books and other publications	243670	243670	243670	141245	141245	141245	...	...
2212 Publishing of newspapers, journals, etc.	131891	131891	131891	71858	71858	71858	...	...
2213 Publishing of recorded media	101551	101551	101551	66805	66805	66805	...	...
2219 Other publishing	10228	10228	10228	3582	3582	3582	...	...

continued

Iran (Islamic Republic of)

ISIC Industry	Output (million RIALS)				Value added (million RIALS)				Gross fixed capital formation (million RIALS)	
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
		1999	1996	1997	1998		1999	1996	1997	1998
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
222 Printing and related service activities		128064	164932				55845	70823		
2221 Printing		113291	143991				48840	61768		
2222 Service activities related to printing		14773	20941				7005	9055		
2230 Reproduction of recorded media		-	-				-	-		
2310 Coke oven products		2499	2624				623	612		
2320 Refined petroleum products		1215812	1668223				368958	536961		
2330 Processing of nuclear fuel		-	-				-	-		
241 Basic chemicals		3218411	4722629				1872829	2982523		
2411 Basic chemicals, except fertilizers		425205	580467				206147	356774		
2412 Fertilizers and nitrogen compounds		622818	865435				432875	623440		
2413 Plastics in primary forms; synthetic rubber		2170388	3266691				1233807	2102309		
242 Other chemicals		2915370	3822701				1119774	1450194		
2421 Pesticides and other agro-chemical products		51017	78644				12470	20224		
2422 Paints, varnishes, printing ink and mastics		483590	743119				126378	207499		
2423 Pharmaceuticals, medicinal chemicals, etc.		1089847	1196476				510182	455724		
2424 Soap, cleaning & cosmetic preparations		831190	1232657				237916	475190		
2429 Other chemical products n.e.c.		459726	571804				232828	291556		
2430 Man-made fibres		517946	577994				236760	311252		
251 Rubber products		794106	1159911				235825	496286		
2511 Rubber tyres and tubes		659649	975368				187235	429454		
2519 Other rubber products		134457	184643				48590	66832		
2520 Plastic products		871192	1019670				320064	371795		
2610 Glass and glass products		441987	528452				199743	249539		
269 Non-metallic mineral products n.e.c.		3344364	4542373				1891719	2526238		
2691 Pottery, china and earthenware		193435	259503				109438	152869		
2692 Refractory ceramic products		174560	254359				96429	134937		
2693 Structural non-refractory clay; ceramic products		981661	1270179				636619	817970		
2694 Cement, lime and plaster		784752	1119172				475480	649901		
2695 Articles of concrete, cement and plaster		609282	841936				290744	389412		
2696 Cutting, shaping & finishing of stone		281993	351938				125515	156541		
2699 Other non-metallic mineral products n.e.c.		318672	445287				157494	224608		
2710 Basic iron and steel		5751067	9376839				1912489	4105051		
2720 Basic precious and non-ferrous metals		1764846	2183144				639164	837366		
273 Casting of metals		317666	527667				123638	230819		
2731 Casting of iron and steel		267768	489783				104432	209676		
2732 Casting of non-ferrous metals		49898	67884				19206	27143		
281 Structural metal products; tanks; steam generators		766575	1090876				363544	500667		
2811 Structural metal products		352036	532324				141489	216377		
2812 Tanks, reservoirs and containers of metal		414539	558552				222055	284280		
2813 Steam generators		-	-				-	-		
289 Other metal products; metal working services		953754	1737315				397986	919705		
2891 Metal forging/pressing/stamping/roll-forming		35423	40750				14998	15991		
2892 Treatment & coating of metals		115985	176571				58123	93042		
2893 Cutlery, hand tools and general hardware		92924	83815				42511	37962		
2899 Other fabricated metal products n.e.c.		709422	1436179				282353	772710		
291 General purpose machinery		949789	1415639				426455	624070		
2911 Engines & turbines (not for transport equip.)		174835	243247				86901	113418		
2912 Pumps, compressors, taps and valves		221239	307547				100729	152169		
2913 Bearings, gears, gearing & driving elements		27983	88657				16993	35623		
2914 Ovens, furnaces and furnace burners		35679	86579				16739	35098		
2915 Lifting and handling equipment		121883	168082				65679	85107		
2919 Other general purpose machinery		368171	540376				139414	202655		

292 Special purpose machinery	797603	1137599	...	...	459336	328808	...
2921 Agricultural and forestry machinery	261939	378628	...	...	108675	82780	...
2922 Machine tools	130736	172237	...	...	76666	59459	...
2923 Machinery for metallurgy	3018	4351	...	...	2007	1349	...
2924 Machinery for mining & construction	185126	305599	...	...	127157	79280	...
2925 Food/beverage/tobacco processing machinery	68810	86629	...	...	40103	29836	...
2926 Machinery for textile, apparel and leather	92540	92031	...	...	52010	47709	...
2927 Weapons and ammunition	55435	98125	...	...	52718	28396	...
2929 Other special purpose machinery	1221596	1838495	...	...	657645	458120	...
2930 Domestic appliances n.e.c.	60964	104724	...	...	38586	23626	...
3000 Office, accounting and computing machinery	273306	341289	...	...	125817	125571	...
3110 Electric motors, generators and transformers	198239	286591	...	...	109155	109155	...
3120 Electricity distribution & control apparatus	636087	884378	...	...	323009	226122	...
3130 Insulated wire and cable	24633	29645	...	...	18814	16875	...
3140 Accumulators, primary cells and batteries	125103	184060	...	...	87896	56667	...
3150 Lighting equipment and electric lamps	50288	54422	...	...	23962	20039	...
3190 Other electrical equipment n.e.c.	30296	43959	...	...	12374	9158	...
3210 Electronic valves, tubes, etc.	68996	95832	...	...	48868	39982	...
3220 TV/radio transmitters; line comm. apparatus	266774	618308	...	...	272595	117013	...
3230 TV and radio receivers and associated goods	249707	362137	...	...	157234	116331	...
331 Medical, measuring, testing appliances, etc.	142107	209314	...	...	87614	73004	...
3311 Medical, surgical and orthopaedic equipment	103275	146118	...	...	66408	41604	...
3312 Measuring/testing/navigating appliances, etc.	4325	6706	...	...	3212	1722	...
3313 Industrial process control equipment	7651	7985	...	...	3594	3288	...
3320 Optical instruments & photographic equipment	12024	15525	...	...	4101	3262	...
3330 Watches and clocks	2935616	4453075	...	...	1415505	1116316	...
3410 Motor vehicles	38582	60150	...	...	18957	17229	...
3420 Automobile bodies, trailers & semi-trailers	440966	797379	...	...	410220	223499	...
3430 Parts/accessories for automobiles	53358	69740	...	...	46237	33373	...
351 Building and repairing of ships and boats	33932	49693	...	...	38399	25003	...
3511 Building and repairing of ships	19427	20047	...	...	7837	8370	...
3512 Building/repairing of pleasure/sport. boats	102123	113082	...	...	44790	33815	...
3520 Railway/tramway locomotives & rolling stock	8645	8644	...	...	7712	7716	...
3530 Aircraft and spacecraft	233579	308042	...	...	77686	77686	...
359 Transport equipment n.e.c.	175833	236163	...	...	138983	138983	...
3591 Motorcycles	45406	55207	...	...	111570	59554	...
3592 Bicycles and invalid carriages	12341	16671	...	...	20131	12698	...
3599 Other transport equipment n.e.c.	180646	232927	...	...	7282	5434	...
3610 Furniture	14282	194396	...	...	98590	81130	...
369 Manufacturing n.e.c.	6789	7479	...	...	67262	50744	...
3691 Jewellery and related articles	-	10	...	...	3373	3100	...
3692 Musical instruments	4449	5809	...	...	4	-	...
3693 Sports goods	2957	5685	...	...	2562	1606	...
3694 Games and toys	135077	175412	...	...	2415	1104	...
3699 Other manufacturing n.e.c.	120	115	...	...	58908	44935	...
3710 Recycling of metal waste and scrap	1224	1510	...	...	93	94	...
3720 Recycling of non-metal waste and scrap	45643713	68617174	...	...	432	362	...
D Total manufacturing			...	...	28140015	19308461	...

a/ Data suppressed due to confidentiality rules.

Iran (Islamic Republic of)

ISIC Industry	Index numbers of industrial production (1990=100)											
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	Note											
15 Food and beverages	...	...	...	...	...	...	...	...	...	...	...	...
16 Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...
17 Textiles	102	93	100	114	120	123	134	133	145	147	145	141
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	66	74	100	101	105	107	126	137	150	160	158	170
25 Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...
26 Non-metallic mineral products	84	87	100	111	118	115	108	123	132	145	140	157
27 Basic metals	...	...	...	...	...	...	...	...	...	...	...	...
28 Fabricated metal products	92	78	100	136	143	142	144	132	155	165	164	178
29 Machinery and equipment n.e.c.	72	67	100	150	157	154	133	121	149	191	188	200
30 Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus	71	77	100	160	181	175	142	139	161	226	236	265
32 Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34 Motor vehicles, trailers, semi-trailers	101	88	100	265	277	275	204	314	298	438	504	577
35 Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture; manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37 Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing	73	77	100	121	125	121	129	138	146	150	180	...

a/ 29 includes 30.

b/ 31 includes 32.

c/ 34 includes 35.

ISRAEL

<p>Supplier of information: Central Bureau of Statistics, Jerusalem.</p> <p>Basic source of data: Annual industry and crafts survey.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: All establishments with 5 or more persons engaged and operating during any part of the survey year, except (a) non-profit establishments (such as workshops for training or rehabilitation purposes) and (b) auxiliary industrial units in kibbutz establishments where the bulk of their production is consumed by the kibbutz itself. The survey covers about 95 per cent of employees in the industrial sector.</p> <p>Method of enumeration: Establishments are sampled.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: Number of employees is the average of the numbers for four selected months of the reference year.</p> <p>Wages and salaries covers all payments appearing on the pay-roll on which income tax is due, including basic salary, cost-of-living and other allowances (except child allowance), premiums, bonuses, payments for overtime, leave, sickness etc., bus fare, professional literature, thirteenth month salary, maintenance of vehicles, telephone, clothing, lodging and other payments in kind, such as meals, presents, and housing. It includes certain labour expenses that do not appear on payrolls, such as payments for national insurance and pension fund.</p> <p>Output does not include net revenues from goods shipped in the same condition as received.</p> <p>Gross fixed capital formation excludes outlays for land progress payments made for fixed assets on order but not yet completed. Fixed capital formation in new establishments not yet in operation is also excluded. Sales of used fixed assets are not deducted.</p> <p>Related national publications: Industry and Crafts Survey (annual); Statistical Abstract of Israel (annual); Monthly Bulletin of Statistics, all published by the Central Bureau of Statistics, Jerusalem.</p>
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222 Printing and related service activities	768	694	637	640	h/	9.8	9.8	9.7	9.5	h/	580	654	748	836
2221 Printing	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2222 Service activities related to printing	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2230 Reproduction of recorded media	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2310 Coke oven products	..	..	..	..	1/j/	..	..	..	..	1/j/	..	..	..	..
2320 Refined petroleum products	..	..	..	..	1/j/	..	..	..	..	1/j/	..	..	..	..
2330 Processing of nuclear fuel	..	..	..	..	1/j/	..	..	..	..	1/j/	..	..	..	..
241 Basic chemicals	54	65	65	67	1/	8.4	8.3	8.2	8.3	1/	1211	1411	1573	1791
2411 Basic chemicals, except fertilizers	38	49	49	50	k/	4.3	4.3	4.2	4.3	k/	613	704	836	955
2412 Fertilizers and nitrogen compounds	..	..	..	..	k/	..	..	..	..	k/	..	..	..	..
2413 Plastics in primary forms; synthetic rubber	16	16	16	17	j/	4.1	4.0	4.0	4.0	j/	598	707	737	836
242 Other chemicals	227	233	191	226	j/	14.4	15.2	15.4	15.4	j/	1378	1646	1847	2011
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	..	..	..	..	1/j/	..	..	..	..	1/j/	..	..	..	..
251 Rubber products	43	32	32	26	..	2.1	2.0	1.9	1.6	..	168	172	177	184
2511 Rubber tyres and tubes	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2519 Other rubber products	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2520 Plastic products	511	460	456	438	..	17.6	18.3	18.0	17.5	..	1042	1227	1392	1539
2610 Glass and glass products	418	510	460	471	m/n/	12.0	12.4	12.0	11.5	m/n/	978	1125	1202	1226
269 Non-metallic mineral products n.e.c.	71	71	76	83	m/	2.7	2.8	2.7	2.7	m/	188	217	232	253
2691 Pottery, china and earthenware	..	..	..	..	n/	..	..	..	..	n/	..	..	..	..
2692 Refractory ceramic products	..	..	..	..	n/	..	..	..	..	n/	..	..	..	..
2693 Structural refractory clay; ceramic products	..	..	..	..	n/	..	..	..	..	n/	..	..	..	..
2694 Cement, lime and plaster	200	182	187	187	p/	7.2	7.2	7.1	6.7	p/	658	749	810	820
2695 Articles of concrete, cement and plaster	147	257	200	201	p/	2.1	2.4	2.2	2.1	p/	132	159	160	153
2696 Cutting, shaping & finishing of stone	..	..	..	..	q/	..	..	..	..	q/	..	..	..	..
2699 Other non-metallic mineral products n.e.c.	..	..	..	..	q/	..	..	..	..	q/	..	..	..	..
2710 Basic iron and steel	35	35	45	45	..	1.9	1.8	2.0	1.8	..	175	196	234	230
2720 Basic precious and non-ferrous metals	56	39	23	24	..	2.1	2.3	2.1	2.1	..	158	201	199	201
273 Casting of metals	51	84	88	63	..	2.4	2.6	2.5	2.4	..	216	250	272	293
2731 Casting of iron and steel	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2732 Casting of non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..	..	..	..
281 Structural metal products;tanks;steam generators	729	705	805	722	..	16.6	16.9	17.4	16.4	..	922	1067	1244	1299
2811 Structural metal products	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2812 Tanks, reservoirs and containers of metal	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2813 Steam generators	..	..	..	..	..	..	..	..	..	..	..	..	..	..
289 Other metal products; metal working services	1138	1133	1268	1179	..	24.3	25.0	26.3	26.6	..	1736	1958	2375	2609
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	222	297	290	230	..	10.2	10.1	9.7	9.5	..	1020	1188	1279	1340
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	81	83	80	61	..	2.6	2.7	2.5	2.2	..	241	265	278	274
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.	94	68	105	110	r/	4.4	4.4	4.6	4.7	r/	346	408	442	476

continued

Israel

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees								
	Note	(numbers)			Note	(thousands)			Note	(million SHEKAL IM)							
		1995	1996	1997		1998	1995	1996		1997	1998	1995	1996	1997	1998		
3000 Office, accounting and computing machinery	r/	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3110 Electric motors, generators and transformers	s/	69	67	84	89	3.0	3.0	2.9	3.0	243	275	299	345	274	303	353	415
3120 Electricity distribution & control apparatus	t/	191	172	185	169	4.3	4.1	4.3	4.3	274	303	353	415	262	295	332	392
3130 Insulated wire and cable	t/	31	34	29	28	2.6	2.5	2.6	2.7	...	...	...	...	...	...	...	...
3140 Accumulators, primary cells and batteries	t/	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3150 Lighting equipment and electric lamps	s/	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3190 Other electrical equipment n.e.c.	s/	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3210 Electronic valves, tubes, etc.		177	174	139	144	9.7	12.1	11.5	12.6	701	926	1115	1420	1351	1730	2305	2906
3220 TV/radio transmitters; line comm. apparatus		35	38	37	37	9.5	10.0	11.3	12.2	315	366	446	526	3268	3766	4214	4795
3230 TV and radio receivers and associated goods	u/	24	20	30	28	2.4	2.4	2.7	2.8	...	...	...	...	...	...	...	...
3311 Medical, measuring, testing appliances, etc.		252	233	246	312	23.8	23.4	23.4	24.9	...	...	...	...	...	...	...	...
3312 Medical, surgical and orthopaedic equipment		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3313 Measuring/testing/navigating appliances, etc.		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3320 Industrial process control equipment		43	43	43	49	2.6	2.6	2.8	3.2	328	367	416	556	...	...	...	...
3330 Optical instruments & photographic equipment	u/	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3350 Watches and clocks		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3410 Motor vehicles	v/	140	111	119	114	4.5	4.0	3.7	3.8	369	359	358	363	...	...	...	...
3420 Automobile bodies, trailers & semi-trailers	v/	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3430 Parts/accessories for automobiles	v/	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
351 Building and repairing of ships and boats	w/	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport. boats		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	w/	80	82	82	44	10.8	11.3	11.8	12.2	1400	1724	1999	2318	...	...	...	...
3530 Aircraft and spacecraft	w/	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
359 Transport equipment n.e.c.	w/	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3591 Motorcycles		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3610 Furniture		721	825	698	559	11.5	11.9	11.3	10.1	641	740	782	781	337	362	366	395
369 Manufacturing n.e.c.		304	297	278	353	6.7	6.4	5.9	6.0	...	...	...	...	...	...	...	...
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		9866	9882	9763	9292	344.5	344.7	344.8	340.8	26640	30717	34867	38627	...	...	...	...

s/ 3120 includes 3150 and 3190.
t/ 3130 includes 3140.
c/ 172 excludes 1722.
d/ 191 includes 1820.
e/ 1911 includes 1820.
f/ 2010 includes 2021.
g/ 202 excludes 2021.
h/ 222 includes 2230.
i/ 241 includes 2310, 2320, 2330 and 2430.
j/ 2413 includes 2310, 2320, 2330 and 2430.
k/ 2411 includes 2412.
m/ 269 includes 2610.
n/ 2691 includes 2610 and 2693.
p/ 2694 includes 2695.
q/ 2696 includes 2699.
r/ 2930 includes 3000.

Israel

ISIC Industry	Output in producers' prices (million SHEKALIM)				Value added in producers' prices (million SHEKALIM)				Gross fixed capital formation (million SHEKALIM)	
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
ISIC Industry	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		6434	6844	7492	8012		1265	1264	1557	1680
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		3635	4362	4465	4818		996	1150	1199	1355
153 Grain mill products		2366	2998	2779	2541		307	368	417	449
1531 Grain mill products										
1532 Starches and starch products										
1533 Prepared animal feeds										
154 Other food products		5098	6159	6616	6991		1830	2096	2366	2393
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/	2411	2512	3041	3448	a/	705	754	875	979
1551 Distilling, rectifying & blending of spirits										
1552 Wines										
1553 Malt liquors and malt										
1554 Soft drinks; mineral waters										
1600 Tobacco products	a/					a/				
171 Spinning, weaving and finishing of textiles	b/	1619	1730	2041	2439	b/	582	657	795	896
1711 Textile fibre preparation; textile weaving										
1712 Finishing of textiles										
172 Other textiles	c/	1003	981	1041	1039	c/	316	311	353	346
1721 Made-up textile articles, except apparel										
1722 Carpets and rugs	b/					b/				
1723 Cordage, rope, twine and netting										
1729 Other textiles n.e.c.										
1730 Knitted and crocheted fabrics and articles		2193	2210	2329	2806		772	822	885	998
1810 Wearing apparel, except fur apparel	d/e/	2767	2517	2587	2691	d/e/	875	834	868	977
1820 Dressing & dyeing of fur; processing of fur										
191 Tanning, dressing and processing of leather	d/	177	184	161	115	d/	53	63	56	31
1911 Tanning and dressing of leather	e/	34	32	28	26	e/	9	9	6	4
1912 Luggage, handbags, etc.; saddlery & harness		143	152	133	89		44	54	50	27
1920 Footwear		634	588	566	526		201	190	202	177
2010 Sawmilling and planing of wood	f/	607	587	693	559	f/	191	168	203	178
202 Products of wood, cork, straw, etc.	g/	610	634	696	703	g/	197	222	254	260
2021 Veneer sheets, plywood, particle board, etc.	f/					f/				
2022 Builders' carpentry and joinery										
2023 Wooden containers										
2029 Other wood products; articles of cork/straw										
210 Paper and paper products		3357	3448	3631	3896		1022	1115	1227	1340
2101 Pulp, paper and paperboard										
2102 Corrugated paper and paperboard										
2109 Other articles of paper and paperboard										
221 Publishing of books and other publications		2448	2841	3119	3436		926	1100	1361	1459
2212 Publishing of newspapers, journals, etc.										
2213 Publishing of recorded media										
2219 Other publishing										

continued

	1136	1209	1110	970	524	582	458	298	41	33
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.	1801	1885	1853	2049	510	520	540	628	108	86
3000 Office, accounting and computing machinery										
3110 Electric motors, generators and transformers										
3120 Electricity distribution & control apparatus	785	936	1015	1289	336	415	414	548	34	22
3130 Insulated wire and cable	1124	1168	1327	1441	378	376	437	462	87	86
3140 Accumulators, primary cells and batteries	1518	1364	1515	1720	429	381	441	386	81	61
3150 Lighting equipment and electric lamps										
3190 Other electrical equipment n.e.c.										
3210 TV/radio valves, tubes, etc.	2789	3563	4089	5027	1511	2039	2305	2681	1926	1653
3220 Electronic transmitters; line com. apparatus	5049	7567	8838	10584	2077	2854	4028	5104	378	463
3230 TV and radio receivers; and associated goods	1151	1277	1497	1625	458	433	537	697	56	88
331 Medical, measuring, testing appliances, etc.	8220	9323	11236	13868	3459	3980	4960	5861	486	596
3311 Medical, surgical and orthopaedic equipment										
3312 Measuring/testing/navigating appliances, etc.										
3313 Industrial process control equipment										
3320 Optical instruments & photographic equipment	976	1177	1431	1866	480	583	734	919	53	81
3330 Watches and clocks										
3410 Motor vehicles										
3420 Automobile bodies, trailers & semi-trailers	1098	1112	1093	1154	410	422	435	461	56	58
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	2917	3804	4680	5727	1495	1852	2334	2717	212	181
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	2536	2773	2822	2747	889	1009	1022	1008	133	139
369 Manufacturing n.e.c.	1750	2145	1741	1903	417	437	478	565	54	35
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	116392	131681	144677	157596	39735	45027	52245	58371	10228	10191

s/ 3120 includes 3150 and 3190.
t/ 3130 includes 3140.
u/ 331 includes 3330.
v/ 3420 includes 3410 and 3430.
w/ 3520 includes 351, 3530 and 359.

a/ 155 includes 1600.
b/ 171 includes 1722.
c/ 172 excludes 1722.
d/ 191 includes 1820.
e/ 1911 includes 1820.
f/ 2010 includes 2021.
g/ 202 excludes 2021.
h/ 222 includes 2230.
i/ 241 includes 2310, 2320, 2330 and 2430.
j/ 2413 includes 2310, 2320, 2330 and 2430.
k/ 2411 includes 2412.
m/ 269 includes 2610.
n/ 2691 includes 2610 and 2693.
p/ 2694 includes 2695.
q/ 2696 includes 2699.
r/ 2930 includes 3000.

Israel

ISIC Industry	Index numbers of industrial production												
	(1990=100)												
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
15 Food and beverages	102	99	100	102	105	113	120	130	130	134	135	137	
16 Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...
17 Textiles	95	95	100	108	111	111	120	128	121	121	125	131	
18 Wearing apparel, fur	...	...	...	...	...	...	...	...	...	...	...	...
19 Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20 Wood products (excl. furniture)	...	...	...	...	...	...	...	...	...	...	...	...
21 Paper and paper products	95	95	100	102	109	113	118	121	122	120	122	119	
22 Printing and publishing	98	96	100	98	107	126	130	135	139	139	143	142	
23 Coke, refined petroleum products, nuclear fuel	91	95	100	104	115	127	140	145	158	161	181	175	
24 Chemicals and chemical products	...	...	...	...	...	...	...	...	...	...	...	...
25 Rubber and plastics products	87	89	100	111	125	141	158	184	195	193	199	208	
26 Non-metallic mineral products	86	84	100	130	151	145	155	192	212	192	168	154	
27 Basic metals	85	80	100	111	116	121	139	166	176	178	168	167	
28 Fabricated metal products	98	95	100	111	117	122	134	150	158	166	164	159	
29 Machinery and equipment n.e.c.	108	100	100	100	114	129	141	143	149	136	135	140	
30 Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus	...	93	100	106	114	124	132	142	139	138	152	...	
32 Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33 Medical, precision and optical instruments	...	94	100	106	112	124	130	138	...	...	...	...
34 Motor vehicles, trailers, semi-trailers	...	...	...	...	...	...	...	...	...	...	...	...
35 Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36 Furniture, manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37 Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing	96	94	100	107	116	124	132	143	151	154	158	161	

a/ 15 includes 16.
b/ 23 includes 24.

ITALY

<p>Supplier of information: Istituto Nazionale di Statistica (National Institute of Statistics), Rome. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>Basic source of data: Annual surveys of gross output and capital investments of the industrial sector.</p> <p>Major deviations from ISIC (Revision 3): The national NACE-related classification system is not fully convertible to ISIC (Rev. 3).</p> <p>Reference period (if not calendar year):</p> <p>Scope: All enterprises. Multi-unit enterprises with more than 250 persons engaged are required to furnish data separately for each unit.</p> <p>Method of enumeration: Prior to 1998, enterprises with over 20 employees are completely enumerated, enterprises with less than 20 employees are sampled. For 1998, enterprises with over 100 employees are completely enumerated, enterprises below that threshold are sampled.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <u>Output</u> is gross output. It is net of indirect taxes and subsidies and is calculated on a shipment basis. The valuation is at selling prices, excluding VAT. <u>Value added</u> is in the national accounting concept: the value of gross output less the cost of the following inputs: materials and supplies purchased (adjusted for the net change in the value of their stocks), products bought and shipped without further processing, and industrial work done by others and non-industrial services. The valuation excludes all indirect taxes and subsidies. <u>Gross fixed capital formation</u> (value of sales not deducted) is defined as the value of purchases of fixed assets, including own-account construction. Fixed assets covered are those with a productive life of at least one year. Assets made by a unit's labour force for its own use; additions, alterations, improvements and repairs to existing assets; new assets (not yet in use, or previously used outside the country) and used assets are all included. The valuation is at full cost incurred, including installation expenses.</p> <p>Related national publications:</p>
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Italy

ISIC Industry	Number of enterprises (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (billion LIRE)						
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		10804	10663	10942	11384		84.7	83.5	82.2	85.4		2862	2998	3012	3016
1511 Processing/preserving of meat		3661	3732	3587	3843		47.0	46.3	47.3	46.1		1660	1693	1781	1676
1512 Processing/preserving of fish		413	311	311	465		6.0	5.9	5.9	5.8		192	206	209	197
1513 Processing/preserving of fruit & vegetables		1589	1740	1754	2042		23.6	25.2	23.1	26.4		771	903	836	899
1514 Vegetable and animal oils and fats		4841	4880	5223	5034		8.1	6.2	5.9	7.1		239	196	186	244
1520 Dairy products		6240	6602	5552	6464		50.4	48.4	45.6	49.9		2022	2002	1917	2011
153 Grain mill products; starches; animal feeds		153	3062	2867	2911		19.3	17.4	17.2	17.8		749	719	737	744
1531 Grain mill products		2329	2486	2237	2195		1.2	0.7	0.7	0.7		285	282	301	305
1532 Starches and starch products		14	9	9	21		0.7	0.7	0.7	0.7		57	33	34	32
1533 Prepared animal feeds		644	567	621	694		10.0	9.1	8.8	8.8		407	404	407	408
154 Other food products		44149	46325	42652	47014		128.8	118.4	128.1	129.8		4050	4026	4345	4399
1541 Bakery products		37952	38227	34905	38225		73.7	64.8	79.8	76.5		2021	1761	2318	2201
1542 Sugar		22	11	9	50		5.0	5.1	4.8	5.8		261	265	265	269
1543 Cocoa, chocolate and sugar confectionery		441	436	436	526		13.5	14.0	13.4	13.5		541	559	571	565
1544 Macaroni, noodles & similar products		4378	5363	4613	5147		14.0	17.5	12.4	14.9		496	472	472	472
1549 Other food products n.e.c.		2256	2699	3066	3066		17.6	17.0	17.6	19.0		730	712	721	786
155 Beverages		3221	3290	3182	3294		35.4	35.8	35.2	34.6		1531	1594	1617	1396
1551 Distilling, rectifying & blending of spirits		628	706	602	692		5.1	4.9	5.2	4.4		241	213	245	209
1552 Wines		2191	2326	2186	2165		15.4	15.7	15.2	14.9		593	643	594	557
1553 Malt liquors and malt		12	10	10	10		3.6	3.4	3.0	3.0		176	182	171	166
1554 Soft drinks; mineral waters		390	248	384	427		11.3	11.8	11.9	12.1		521	556	607	464
1600 Tobacco products		31	69	97	74		14.8	13.6	12.4	11.1		583	545	539	521
171 Spinning, weaving and finishing of textiles		11386	11614	11302	11177		156.6	157.6	155.6	156.9		5002	5123	5222	5366
1711 Textile fibre preparation; textile weaving		9848	9814	9514	9403		116.6	116.9	116.9	117.5		3677	3697	3852	3929
1712 Finishing of textiles		1738	1753	1788	1774		40.0	41.3	38.7	39.4		1325	1426	1371	1437
172 Other textiles		9569	9544	9708	9708		50.5	49.7	49.6	51.0		1337	1464	1395	1464
1721 Made-up textile articles, except apparel		5857	5847	5847	5847		19.9	19.9	18.9	19.1		519	549	477	529
1722 Carpets and rugs		201	216	199	221		2.2	2.1	2.0	2.0		66	64	59	62
1723 Cordage, rope, twine and netting		276	312	310	290		2.3	1.9	1.6	2.0		60	53	60	57
1729 Other textiles n.e.c.		3335	3379	3558	3649		25.3	25.9	27.1	27.7		692	798	816	916
1730 Knitted and crocheted fabrics and articles		11843	12008	11044	10876		74.0	74.5	69.2	68.3		1694	1897	1766	1720
1810 Wearing apparel, except fur apparel		47379	48629	47210	47741		295.2	290.4	272.7	267.0		6564	7659	6543	6499
1820 Dressing & dyeing of fur; processing of fur		2971	3262	2715	2527		3.8	3.5	3.3	3.6		83	81	75	89
191 Tanning, dressing and processing of leather		9296	9735	9704	9883		54.5	55.8	53.5	52.2		1447	1611	1549	1536
1911 Tanning and dressing of leather		2335	2466	2548	2626		24.1	25.8	27.1	26.5		704	795	861	858
1912 Luggage, handbags, etc.; saddlery & harness		6961	7269	7156	7257		30.4	30.0	26.5	25.7		743	815	688	678
1920 Footwear		15489	15911	15084	14878		136.4	136.7	132.0	128.5		3061	3412	3122	3177
2010 Sawmilling and planing of wood		3924	4254	4801	5134		11.7	11.8	12.6	13.6		272	316	342	367
202 Products of wood, cork, straw, etc.		43591	46845	45257	45161		93.1	89.4	85.7	92.6		2269	2347	2293	2578
2021 Veneer sheets, plywood, particle board, etc.		468	422	429	461		11.9	11.8	11.7	11.3		377	389	373	389
2022 Builders' carpentry and joinery		31539	33692	32145	31649		49.4	46.4	42.0	46.8		1119	1129	1086	1246
2023 Wooden containers		1855	1593	1874	1887		10.6	10.5	11.1	10.1		258	276	281	276
2029 Other wood products; articles of cork/straw		9729	11138	10819	11164		21.2	20.7	20.9	24.4		514	558	542	678
210 Paper and paper products		4327	4758	4764	4841		75.1	76.1	75.5	75.4		2714	2893	2975	2979
2101 Pulp, paper and paperboard		266	357	357	355		18.4	18.6	18.7	18.2		773	881	887	821
2102 Corrugated paper and paperboard		1762	1959	1731	1768		30.3	30.6	28.9	28.5		1017	1068	1050	1072
2109 Other articles of paper and paperboard		2299	2555	2676	2718		26.4	26.8	27.9	28.8		923	973	1039	1086
221 Publishing of books and other publications		6066	6480	6727	6890		43.3	41.2	40.6	40.1		2492	2466	2496	2665
2211 Publishing of newspapers, journals, etc.		2875	3237	2907	2966		16.9	15.5	17.1	15.6		783	755	871	807
2212 Publishing of newspapers, journals, etc.		2853	3300	2731	2818		24.3	24.1	22.1	22.1		1630	1645	1562	1704
2213 Publishing of recorded media		458	511	542	569		1.4	1.1	1.0	0.7		54	50	48	30
2219 Other publishing		380	432	547	537		0.7	0.5	0.4	0.7		25	15	15	24

222	Printing and related service activities	19327	19355	19292	19924	92.8	91.1	92.4	3239	3275	3306	3311
2221	Printing	12390	12325	12305	12853	70.3	68.9	69.9	2517	2577	2609	2560
2222	Service activities related to printing	6437	6367	6367	7371	22.5	22.2	22.5	723	688	697	751
2230	Reproduction of recorded media	268	355	361	434	0.8	1.1	1.3	66	39	43	59
2310	Coke oven products	1	1	3	389	24.3	23.3	25.9	1372	1345	1379	1608
2320	Refined petroleum products	392	436	436	...	...	...	...	...	...	...	...
2330	Processing of nuclear fuel	1	1	1	...	...	...	...	...	...	...	...
241	Basic chemicals	889	888	928	1113	53.4	55.7	56.2	2603	2784	2968	2981
2411	Basic chemicals, except fertilizers	472	468	468	461	35.2	37.5	36.6	1815	1908	2022	1988
2412	Fertilizers and nitrogen compounds	127	149	176	204	1.5	2.3	2.5	66	63	102	124
2413	Plastics in primary forms; synthetic rubber	290	271	291	380	16.3	15.9	17.1	722	812	843	869
242	Other chemicals	4662	4663	4894	5256	139.5	138.7	140.4	7101	7966	7819	7850
2421	Pesticides and other agro-chemical products	66	47	68	90	2.0	2.1	2.3	101	110	101	120
2422	Paints, varnishes, printing ink and mastics	1026	1002	985	1083	17.5	18.8	18.0	751	842	845	822
2423	Pharmaceuticals, medicinal chemicals, etc.	605	625	660	723	66.2	65.7	67.5	3630	4328	4163	4281
2424	Soap, cleaning & cosmetic preparations	1687	1617	1617	1727	28.0	28.8	29.1	1376	1458	1500	1456
2429	Other chemical products n.e.c.	1376	1302	1564	1633	22.1	23.3	23.5	1043	1226	1212	1171
2430	Man-made fibres	96	51	89	97	11.9	10.7	8.7	500	512	477	398
251	Rubber products	1588	1581	1709	1736	41.0	44.0	45.5	1504	1636	1706	1880
2511	Rubber tyres and tubes	270	271	290	293	16.6	16.0	17.0	679	719	845	845
2519	Other rubber products	1318	1310	1419	1443	24.4	25.8	28.5	825	925	987	1035
2520	Plastic products	11243	11448	12010	11979	126.2	133.9	138.1	3965	4588	4660	4887
2610	Glass and glass products	4887	5369	5206	5299	36.7	36.4	38.4	1279	1330	1243	1473
269	Non-metallic mineral products n.e.c.	20369	20396	21167	22138	171.0	169.9	169.1	5766	6072	6101	6204
2691	Pottery, china and earthenware	3767	4143	3695	4075	20.2	21.2	19.9	625	675	662	648
2692	Structural ceramic products	102	130	130	134	3.0	3.2	2.9	124	135	134	130
2693	Refractory clay; ceramic products	999	1033	1063	1147	46.4	46.3	45.2	1811	1928	1976	1986
2694	Cement, lime and plaster	280	338	294	372	13.4	14.4	12.4	541	588	493	528
2695	Articles of concrete, cement and plaster	5060	5047	5249	5472	46.9	45.1	44.4	1444	1503	1503	1523
2696	Cutting, shaping & finishing of stone	9424	10366	10042	10118	33.0	33.0	35.3	961	1011	1011	1052
2699	Other non-metallic mineral products n.e.c.	737	763	896	1043	7.4	7.6	9.0	260	276	322	337
2710	Basic iron and steel	1259	1339	1616	1897	72.1	73.3	77.6	3048	3327	3598	3456
2720	Basic precious and non-ferrous metals	418	323	538	876	21.2	23.4	23.4	868	934	1081	1029
273	Casting of metals	1584	1701	1699	1899	35.3	38.1	38.3	1313	1396	1479	1508
2731	Casting of iron and steel	386	287	334	392	18.1	20.0	19.3	714	818	818	814
2732	Casting of non-ferrous metals	1198	1414	1337	1307	17.2	17.0	18.8	599	579	660	694
281	Structural metal products; tanks, steam generators	30920	33991	31467	32431	149.3	140.4	144.1	4362	4506	4679	4625
2811	Structural metal products	29892	33215	30407	31324	123.9	119.7	120.9	3430	3688	3793	3781
2812	Tanks, reservoirs and containers of metal	879	726	999	1039	18.7	18.7	21.4	715	727	797	786
2813	Steam generators	49	50	61	68	4.8	2.0	1.8	217	91	88	78
289	Other metal products; metal working services	56724	58823	58454	60118	310.4	329.0	354.9	9487	10763	11255	11741
2891	Metal forging/pressing/stamping/roll-forming	2108	2400	2371	2535	36.6	39.8	44.0	1255	1488	1536	1640
2892	Treatment & coating of metals	27618	27946	28171	29321	132.8	142.1	158.4	3823	4374	4508	4915
2893	Cutlery, hand tools and general hardware	3281	3411	3349	3364	41.3	41.0	41.8	1422	1488	1575	1511
2899	Other fabricated metal products n.e.c.	23717	25066	24563	24898	99.8	106.0	110.7	2987	3414	3636	3675
291	General purpose machinery	22087	24422	23435	24241	22.2	23.8	24.5	8360	9649	10144	10128
2911	Engines & turbines (not for transport equip.)	596	895	774	752	16.9	17.3	19.7	721	833	940	940
2912	Pumps, compressors, fans and valves	1900	1866	1866	1960	43.9	45.0	47.8	1642	1747	1875	1920
2913	Bearings, gears, gearing & driving elements	689	690	606	561	24.3	25.7	27.6	971	1130	1183	1156
2914	Ovens, furnaces and furnace burners	1396	1542	1361	1327	7.0	7.1	6.4	270	288	279	262
2916	Lifting and handling equipment	4613	4902	4412	4682	39.2	40.9	39.9	1424	1630	1576	1648
2919	Other general purpose machinery	12893	14400	14416	14849	91.0	101.2	106.2	3332	4021	4282	4205
292	Special purpose machinery	14685	16328	15969	17098	187.0	189.4	206.1	7323	7922	8076	8648
2921	Agricultural and forestry machinery	5052	5436	4770	4666	29.2	25.4	28.4	953	888	1045	1029
2922	Machine tools	2328	2813	2754	2882	42.4	49.6	46.6	1682	2115	2130	2067
2923	Machinery for metalurgy	207	235	301	346	8.1	7.4	8.4	360	395	395	444
2924	Machinery for mining & construction	432	585	579	606	15.0	15.1	13.6	592	569	629	529
2925	Food/beverage/tobacco processing machinery	1184	1209	1321	1456	18.7	18.7	19.2	754	794	794	846
2926	Machinery for textile, apparel and leather	2189	2443	2312	2478	26.2	27.9	29.2	1173	1173	1071	1147
2927	Weapons and ammunition	175	163	126	126	6.7	4.8	3.3	273	227	177	136
2929	Other special purpose machinery	3118	3444	3806	4538	40.7	42.2	57.7	1717	1820	1837	2450
2930	Domestic appliances n.e.c.	1054	1035	866	935	59.9	60.0	58.0	2129	2213	2265	2228

continued

Italy

ISIC Revision 3	Number of enterprises (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (billion LIRE)							
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998	
ISIC Industry																
3000 Office, accounting and computing machinery		1200	504	893	761		31.5	20.9	23.4	25.3		1608	1153	1270	1615	
3110 Electric motors, generators and transformers		2693	3023	2599	2488		36.7	34.1	33.5	33.4		1325	1208	1258	1163	
3120 Electricity distribution & control apparatus		2006	2060	2260	2223		34.4	37.6	38.9	37.7		1222	1459	1574	1512	
3130 Insulated wire and cable		374	361	406	428		13.3	11.0	13.2	13.6		505	423	566	602	
3140 Accumulators, primary cells and batteries		188	87	141	142		3.8	4.8	4.1	3.6		143	206	176	160	
3150 Lighting equipment and electric lamps		1957	2264	2123	2149		14.2	15.0	15.3	15.8		445	531	528	503	
3190 Other electrical equipment n.e.c.		7987	8577	9868	10684		70.8	73.4	76.9	78.8		2541	2669	2826	2837	
3210 Electronic valves, tubes, etc.		1088	1310	1012	1007		28.3	29.2	28.4	29.2		1110	1190	1143	1243	
3220 TV/radio transmitters; line comm. apparatus		7079	7677	7751	7835		58.6	56.4	56.6	47.8		2533	2565	2581	2221	
3230 TV and radio receivers and associated goods		511	532	499	545		8.4	8.2	8.2	7.2		255	257	277	235	
331 Medical, measuring, testing appliances, etc.		21978	24405	22548	22708		64.9	64.8	62.9	64.3		2464	2556	2460	2544	
3311 Medical, surgical and orthopaedic equipment		19343	21687	19671	19666		28.4	28.4	25.6	28.7		899	856	851	867	
3312 Measuring/testing/navigating appliances, etc.		1939	1988	2104	2191		26.3	23.1	24.9	25.0		1109	1077	1035	1119	
3313 Industrial process control equipment		696	730	773	852		10.3	11.4	12.4	13.5		456	524	575	558	
3320 Optical instruments & photographic equipment		3025	3005	2907	3009		22.0	23.0	17.5	21.3		622	690	535	695	
3330 Watches and clocks		113	130	131	132		1.0	1.0	0.9	1.3		32	33	30	42	
3410 Motor vehicles		114	51	61	63		108.1	103.8	101.0	97.6		4131	4039	4278	4148	
3420 Automobile bodies, trailers & semi-trailers		660	571	607	686		13.3	14.9	13.6	14.9		451	538	490	560	
3430 Parts/accessories for automobiles		1172	1309	1400	1527		64.9	70.5	73.1	74.4		2360	2666	2896	2961	
351 Building and repairing of ships and boats		2760	2788	2866	2898		27.5	27.2	24.9	26.1		976	1032	976	1037	
3511 Building and repairing of ships		1303	1088	1251	1276		23.2	21.7	19.1	20.0		849	883	795	836	
3512 Building/repairing of pleasure/sport boats		1457	1700	1615	1622		4.3	5.5	5.8	6.2		127	149	181	200	
3520 Railway/tramway locomotives & rolling stock		51	56	69	72		10.8	10.7	10.5	9.3		399	442	458	489	
3530 Aircraft and spacecraft		94	65	69	96		36.8	38.6	39.0	39.3		1696	1934	2063	2033	
359 Transport equipment n.e.c.		1113	1144	1083	1140		22.7	22.8	22.9	23.2		729	756	771	813	
3591 Motorcycles		249	268	257	284		14.5	15.8	15.7	16.4		498	545	560	618	
3592 Bicycles and invalid carriages		808	840	790	798		7.7	6.8	6.8	6.3		216	205	207	171	
3599 Other transport equipment n.e.c.		56	36	36	58		0.5	0.2	0.1	0.6		15	6	4	25	
3610 Furniture		38468	40742	35893	36232		157.8	156.3	147.9	150.8		4245	4487	4257	4429	
369 Manufacturing n.e.c.		17220	17403	16915	17310		66.2	66.9	63.6	68.7		1805	1919	1851	1919	
3691 Jewellery and related articles		9888	10314	9672	10033		30.3	30.5	29.5	33.1		770	808	795	894	
3692 Musical instruments		547	567	569	590		2.3	2.0	1.7	2.0		67	53	54	67	
3693 Sports goods		481	445	445	544		3.5	3.5	3.5	3.8		106	117	109	130	
3694 Games and toys		700	668	737	750		5.3	4.8	4.8	4.9		146	149	159	143	
3699 Other manufacturing n.e.c.		5604	5409	5423	5393		25.0	26.1	23.8	24.9		717	792	735	737	
3710 Recycling of metal waste and scrap		1034	1267	1126	1234		2.9	1.8	2.9	3.6		93	54	91	108	
3720 Recycling of non-metal waste and scrap		594	687	735	898		2.3	2.6	2.8	3.9		76	86	100	123	
D Total manufacturing		538726	568523	547496	563893		3980.3	3991.1	3992.6	4034.2		134802	144293	145698	148632	

Italy

ISIC Industry	Output in factor values (billion LIRE)				Value added in factor values (billion LIRE)				Gross fixed capital formation (billion LIRE)	
	1996	1996	1997	1998a/ Note	1995	1996	1997	1998b/ Note	1997	1998
ISIC Industry
1511 Processed meat, fish, fruit, vegetables, fats	48972	48341	50222	7345	7620	8303	7772	2292	2292	
1512 Processing/preserving of meat	27435	28879	28259	4038	4210	4535	4396	969	865	
1513 Processing/preserving of fish	3121	3372	3619	542	616	616	89	89	111	
1514 Vegetable and animal oils and fats	11802	10619	12795	1896	2303	2219	1872	546	753	
1520 Dairy products	6614	5471	5549	738	735	933	738	168	563	
1521 Grain mill products; starches; animal feeds	30755	25744	26443	5323	4799	5481	522	1008	1639	
153 Grain mill products	19536	16313	17510	2386	2451	2364	2364	453	453	
1531 Grain mill products	7943	7089	6886	937	987	997	927	227	151	
1532 Starches and starch products	10888	7542	861	186	188	166	166	55	34	
1533 Prepared animal feeds	41378	41237	42140	1185	1266	1252	1252	242	268	
154 Other food products	14153	17948	17352	12228	11841	13370	13370	2022	3140	
1541 Bakery products	3791	3865	3307	6489	5284	6645	6645	941	1387	
1543 Cocoa, chocolate and sugar confectionery	5972	5780	5739	820	478	542	168	168	213	
1544 Macaroni, noodles and similar products	8388	4958	5933	1466	1598	1614	279	279	232	
1549 Other food products n.e.c.	9073	8686	9809	1206	1934	1661	284	284	511	
155 Beverages	24432	23097	24056	2247	2424	2908	350	350	799	
1551 Distilling, rectifying & blending of spirits	3509	3822	3349	736	699	792	84	84	68	
1552 Wines	11513	10087	11406	1735	1466	1683	565	565	475	
1553 Malt liquors and malt	1905	1964	2028	433	475	507	91	91	143	
1554 Soft drinks; mineral waters	7505	7225	7273	1395	1519	1489	439	439	319	
1600 Tobacco products	15050	15684	14992	1332	1164	1085	59	59	73	
171 Spinning, weaving and finishing of textiles	44209	43831	42676	13920	12989	13076	2065	2065	2362	
1711 Textile fibre preparation; textile weaving	36001	35965	34660	10732	9810	9866	1556	1556	1809	
1712 Finishing of textiles	8208	7865	8015	3189	3113	3190	509	509	554	
172 Other textiles	13272	13540	15283	3584	3758	4236	590	590	800	
1721 Made-up textile articles, except apparel	4943	5033	5351	1340	1373	1515	161	161	197	
1722 Carpets and rugs	492	450	484	156	139	140	23	23	45	
1723 Cordage, rope, twine and netting	423	397	423	142	135	148	11	11	42	
1729 Other textiles n.e.c.	7414	7661	8904	1946	2111	2432	395	395	516	
1730 Knitted and crocheted fabrics and articles	16517	15667	16180	4266	4472	4246	682	682	720	
1810 Wearing apparel, except fur apparel	51153	49265	52438	15688	15453	14996	1645	1645	1703	
1820 Dressing & dyeing of fur; processing of fur	749	930	499	235	224	205	21	21	9	
191 Tanning, dressing and processing of leather	18747	19947	19063	4180	4401	3973	3832	502	595	
1911 Tanning and dressing of leather	11619	13390	12310	2074	2200	2140	334	334	431	
1912 Luggage, handbags, etc.; saddlery & harness	7128	6557	6753	2106	2202	1693	1693	164	164	
1920 Footwear	27496	24477	27481	7353	7253	7659	1046	1046	944	
2010 Sawmilling and planing of wood	3968	4648	3753	837	949	1091	388	388	200	
202 Products of wood, cork, straw, etc.	20780	21970	2021	6555	6926	7257	1396	1396	1448	
2021 Veneer sheets, plywood, particle board, etc.	4341	4494	3767	1258	1035	1034	308	308	285	
2022 Builders' carpentry and joinery	9276	9679	10073	3140	3448	3762	704	704	705	
2023 Wooden containers	2339	2667	2549	669	732	730	92	92	92	
2029 Other wood products; articles of cork/straw	4824	5230	5632	1488	1621	1730	276	276	366	
210 Paper and paper products	30218	29974	28923	8827	8552	8632	2154	2154	2245	
2101 Pulp, paper and paperboard	8730	9447	8644	2952	2619	2699	908	908	836	
2102 Corrugated paper and paperboard	9844	9952	9434	3304	2885	2788	692	692	684	
2109 Other articles of paper and paperboard	11644	10575	10845	2571	3048	3144	553	553	726	
221 Publishing of books and other publications	18418	20223	20929	5368	5187	6255	394	394	435	
2212 Publishing of newspapers, journals, etc.	7018	8873	8158	1751	1751	2487	121	121	126	
2213 Publishing of recorded media	10557	10429	11968	3235	3020	3553	238	238	276	
2219 Other publishing	681	693	595	191	146	139	28	28	18	
	163	229	208	104	54	89	6	6	15	

continued

Italy

ISIC Industry	Output in factor values (billion LIRE)				Value added in factor values (billion LIRE)				Gross fixed capital formation (billion LIRE)				
	Note	1995	1996	1997	1998a/	Note	1995	1996	1997	1998b/	Note	1997	1998
		1995	1996	1997	1998a/		1995	1996	1997	1998b/			
222 Printing and related service activities		19102	19272	19272	21276		7257	7900	7605	7732		1315	1890
2221 Printing		15275	16122	14844	16122		5512	6153	5747	5635		989	1546
2222 Service activities related to printing		3827	5154	4428	5154		1746	1747	1858	2097		326	345
2230 Reproduction of recorded media		597	883	650	883		179	153	152	269		18	37
2310 Coke oven products		70908	75295	75295	81315		4725	4792	4644	6021		1470	1974
2320 Refined petroleum products													
2330 Processing of nuclear fuel													
241 Basic chemicals		35290	38967	38967	34916		10150	7665	8346	8287		2073	2535
2411 Basic chemicals, except fertilizers		21615	19178	1858	2035		6834	4993	5294	5385		1222	1794
2412 Fertilizers and nitrogen compounds		948	12728	15580	13703		217	191	333	226		83	81
2413 Plastics in primary forms; synthetic rubber		73375	71395	70867	70867		3099	19856	2695	19746		768	661
242 Other chemicals		1310	1355	1355	1389		18443	19856	19237	19746		3128	3428
2421 Pesticides and other agro-chemical products		8062	7943	7943	7739		321	234	246	312		40	68
2422 Paints, varnishes, printing ink and mastics		33442	31755	31755	31659		1998	2325	2033	2012		276	372
2423 Pharmaceuticals, medicinal chemicals, etc.		16407	16573	16573	16399		9368	10226	9733	10261		1462	1782
2424 Soap, cleaning & cosmetic preparations		14155	13769	13769	13681		3706	3600	3771	3744		505	571
2429 Other chemical products n.e.c.		4510	4318	4318	3145		3050	3471	3454	3411		845	635
2430 Man-made fibres							1431	1149	1106	874		184	177
251 Rubber products		11529	11771	11771	11711		3795	3948	3968	4061		549	661
2511 Rubber tyres and tubes		5066	5218	5218	4796		1739	1709	1614	1619		289	289
2519 Other rubber products		6463	6553	6553	7021		2096	2239	2394	2394		372	372
2520 Plastic products		40369	40656	40656	42980		11527	12517	12115	13020		2502	3584
2610 Glass and glass products		8664	8377	8377	10125		3545	3493	3113	3885		906	1063
269 Non-metallic mineral products n.e.c.		4332	47080	47080	45835		14825	14542	15405	15722		2858	2858
2691 Pottery, china and earthenware		2983	2947	2947	3231		1479	1401	1480	161		161	187
2692 Refractory ceramic products		1095	973	973	985		344	361	309	370		50	38
2693 Struct. non-refractory clay; ceramic products		11809	12288	12288	11957		4720	4211	4486	4563		888	1019
2694 Cement, lime and plaster		4396	4378	4378	4720		1583	1502	1682	1663		321	295
2695 Articles of concrete, cement and plaster		12964	12964	12964	13279		3447	3681	3675	3905		725	680
2696 Cutting, shaping & finishing of stone		8185	10294	10294	8841		2590	2624	2915	2845		407	469
2699 Other non-metallic mineral products n.e.c.		2500	3235	3235	2886		662	721	937	895		123	171
2710 Basic iron and steel		37179	42790	42790	41693		11072	8241	9195	8736		1470	1919
2720 Basic precious and non-ferrous metals		11857	14779	14779	15041		2631	2335	2561	2856		549	672
273 Casting of metals		9677	10946	10946	11251		3348	3254	3532	3615		766	739
2731 Casting of iron and steel		5016	4822	4822	4892		1679	1829	1750	1750		381	290
2732 Casting of non-ferrous metals		4661	5225	5225	6359		1670	1472	1703	1865		384	450
281 Struct. metal products; tanks; steam generators		32384	32286	32286	37339		10150	11577	11272	13134		1863	1781
2811 Structural metal products		25763	25763	25763	30580		7936	9482	9196	11070		1486	1396
2812 Tanks, reservoirs and containers of metal		5828	6103	6103	6317		1923	1914	1896	1886		359	357
2813 Steam generators		572	420	420	442		292	182	180	179		18	27
289 Metal products; metal working services		73281	78362	78362	79130		25883	28949	31177	31586		5214	5126
2891 Metal forging/pressing/stamping/roll-forming		11817	13770	13770	13346		3596	3995	4432	4350		781	882
2892 Treatment & coating of metals		25267	27673	27673	28356		9741	11877	12785	12978		1922	1773
2893 Cutlery, hand tools and general hardware		9020	9119	9119	9287		3620	3688	3868	3941		742	566
2899 Other fabricated metal products n.e.c.		27177	27800	27800	28140		8926	9388	10093	10316		1769	1886
291 General purpose machinery		73697	75506	75506	77223		20990	24183	24268	23672		3291	3150
2911 Engines & turbines (not for transport equip.)		8289	8063	8063	8063		1979	2025	1918	1448		172	167
2912 Pumps, compressors, taps and valves		13773	14625	14625	15679		4063	4339	4592	4854		687	800
2913 Gears, gearings & driving elements		7633	7437	7437	7730		2468	2805	2735	2857		440	512
2914 Ovens, furnaces and furnace burners		2944	2401	2401	2395		788	882	713	747		90	80
2915 Lifting and handling equipment		11659	10933	10933	11470		3221	3880	3669	3853		358	308
2919 Other general purpose machinery		29759	31524	31524	32179		8471	10253	10641	9913		1543	1283

292	Special purpose machinery	62931	63949	64052	17565	18075	18823	20225	2172	2414
2921	Agricultural and forestry machinery	9627	11127	10766	2410	2234	2721	2663	441	547
2922	Machine tools	15210	15273	13849	4027	4915	4830	4726	675	488
2923	Machinery for metallurgy	2518	2760	2905	594	507	716	693	36	43
2924	Machinery for mining & construction	4890	5176	4352	1352	1136	1304	1211	156	135
2925	Food/beverage/tobacco processing machinery	6122	5850	5578	1852	1817	1880	1874	191	156
2926	Machinery for textile, apparel and leather	8165	7851	8824	2571	2683	2658	2867	203	565
2927	Weapons and ammunition	1110	1024	907	562	390	374	320	25	47
2929	Other special purpose machinery	14889	14889	16871	4097	4292	4341	5571	444	430
2930	Domestic appliances n.e.c.	18835	19426	18657	5109	5264	5155	5187	571	715
3000	Office, accounting and computing machinery	12185	12861	14470	3672	2103	2644	3506	401	528
3110	Electric motors, generators and transformers	11139	9035	7807	3143	2690	2942	2676	428	330
3120	Electricity distribution & control apparatus	9660	10876	10141	3006	3475	3593	3475	451	459
3130	Insulated wire and cable	4818	5719	6120	1451	1168	1226	1313	259	319
3140	Accumulators, primary cells and batteries	1847	1413	1265	319	450	597	359	47	59
3150	Lighting equipment and electric lamps	4432	4996	4829	1253	1283	1413	1397	204	236
3190	Other electrical equipment n.e.c.	16644	18958	18245	5717	5798	6844	6674	786	688
3210	Electronic valves, tubes, etc.	8645	7964	8739	2990	2789	2657	2520	1154	328
3220	TV/radio transmitters; line comm. apparatus	15818	18952	14812	4932	4899	5429	4288	630	566
3230	TV and radio receivers and associated goods	2431	2729	1987	592	556	651	559	93	151
331	Medical, measuring, testing appliances, etc.	16566	15105	16377	6346	6360	6142	6328	575	907
3311	Medical, surgical and orthopaedic equipment	7280	5956	6571	2824	2958	2699	2668	311	503
3312	Measuring/testing/navigation appliances, etc.	6275	5759	6594	2503	2312	2211	2583	164	289
3313	Industrial process control equipment	3011	3390	3213	1019	1090	1232	1077	99	115
3320	Optical instruments & photographic equipment	5532	3906	4522	1782	1845	1419	1893	173	219
3330	Watches and clocks	564	199	332	110	140	69	99	8	19
3410	Motor vehicles	46947	53804	42131	8756	7053	9754	7376	1791	2143
3420	Automobile bodies, trailers & semi-trailers	4267	4045	4161	925	1174	1002	1350	102	92
3430	Parts/accessories for automobiles	19847	22451	21650	5820	6058	7035	6867	1318	1341
351	Building and repairing of ships and boats	7615	7637	9203	2187	2180	1767	1895	372	292
3511	Building and repairing of ships	6404	6195	7801	1893	1857	1356	1452	305	200
3512	Building/repairing of pleasure/sport boats	1211	1442	1402	294	322	411	443	67	92
3520	Railway/tramway locomotives & rolling stock	2360	2480	3746	817	689	807	770	80	91
3530	Aircraft and spacecraft	11003	9284	9506	3296	2943	3158	3783	181	314
359	Transport equipment n.e.c.	7063	6090	7937	1910	1804	1827	2111	319	403
3591	Motorcycles	5030	4503	6462	1317	1334	1381	1643	247	353
3592	Bicycles and invalid carriages	1994	1558	1336	555	455	437	420	71	47
3599	Other transport equipment n.e.c.	40	29	139	38	15	9	48	1	3
3610	Furniture	38269	36586	39575	9690	10568	10425	11184	1576	2119
369	Manufacturing n.e.c.	18298	18420	20323	4622	4882	4668	5335	721	721
3691	Jewellery and related articles	8936	9348	11861	1870	2034	1966	2514	310	337
3692	Musical instruments	541	343	598	143	197	143	198	21	21
3693	Sports goods	1133	976	1041	318	337	296	340	44	44
3694	Games and toys	1510	1700	1313	382	391	400	348	85	99
3699	Other manufacturing n.e.c.	6178	6053	5510	1869	1923	1863	1935	261	220
3710	Recycling of metal waste and scrap	1135	1278	1138	283	168	259	360	68	89
3720	Recycling of non-metal waste and scrap	941	831	1470	297	235	284	412	81	105
D	Total manufacturing	1321356	1344722	1362773	350321	351640	357162	371444	59945	67289

a/ Output (valuation undetermined).
b/ Value added (valuation undetermined).

Italy

ISIC Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
15	Food and beverages	...	...	100	103	103	105	105	106	105	108	111	115
16	Tobacco products	...	...	100	93	87	89	89	82	83	84	82	73
17	Textiles	...	...	100	100	102	99	105	106	101	109	107	104
18	Wearing apparel, fur	...	...	100	100	100	95	100	108	110	109	110	101
19	Leather, leather products and footwear	...	...	100	97	96	98	108	112	112	113	105	100
20	Wood products (excl. furniture)	...	...	100	100	108	107	110	111	104	103	110	116
21	Paper and paper products	...	...	100	102	103	104	111	111	108	114	117	123
22	Printing and publishing	...	...	100	100	108	124	128	122	115	124	131	136
23	Coke, refined petroleum products, nuclear fuel	...	...	100	100	103	104	102	100	100	105	109	104
24	Chemicals and chemical products	...	...	100	98	100	97	101	104	105	109	110	110
25	Rubber and plastics products	...	...	100	103	103	99	108	111	106	115	118	119
26	Non-metallic mineral products	...	...	100	99	98	90	90	95	94	96	98	103
27	Basic metals	...	...	100	103	102	101	111	116	116	118	118	109
28	Fabricated metal products	...	...	100	95	96	92	93	98	95	97	103	102
29	Machinery and equipment n.e.c.	...	...	100	97	96	98	109	129	133	134	135	133
30	Office, accounting and computing machinery	...	...	100	93	105	99	116	132	130	106	111	83
31	Electrical machinery and apparatus	...	...	100	98	97	89	93	100	90	94	97	96
32	Radio, television and communication equipment	...	...	100	103	94	100	96	94	96	97	91	89
33	Medical, precision and optical instruments	...	...	100	94	96	88	94	114	116	117	117	118
34	Motor vehicles, trailers, semi-trailers	...	...	100	90	82	64	77	85	83	93	91	93
35	Other transport equipment	...	...	100	95	89	76	72	80	84	92	93	90
36	Furniture, manufacturing n.e.c.	...	...	100	104	100	89	97	103	100	101	110	120
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	97	100	100	99	99	96	101	107	105	109	111	110		

Note

JAPAN

<p>Source of information: 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>Basic source of data: Annual census of manufacturing.</p> <p>Major deviations from ISIC (Revision 3): All data have been converted from the Japanese Standard Industrial Classification to ISIC (Rev. 3).</p> <p>Reference period (if not calendar year):</p> <p>Scope: 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>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <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>Related national publications: Census of Manufactures published by Ministry of International Trade and Industry (MITI), Tokyo.</p>
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Japan

ISIC Industry	Number of establishments (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (billion YEN)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
151 Processed meat, fish, fruit, vegetables, fats		13543	13216	14052	13339		330	329	341	332		585	586	596	949
1511 Processing/preserving of meat		1121	1129	1291	1280		60	62	65	63		168	169	175	201
1512 Processing/preserving of fish		9658	9423	9854	9390		202	200	205	199		101	99	106	533
1513 Processing/preserving of fruit & vegetables		2572	2480	2705	2546		6	6	5	7		174	172	170	44
1514 Vegetable and animal oils and fats		192	184	192	123		45	43	44	43		92	90	90	160
1520 Dairy products		793	770	809	770		30	29	30	33		43	42	43	77
153 Grain mill products; starches; animal feeds		1348	1315	1386	1365		17	17	17	16		18	18	17	22
1531 Grain mill products		913	882	936	858		4	4	4	4		31	30	29	61
1532 Starches and starch products		308	306	328	334		9	8	9	13		1550	1540	1555	2208
1533 Prepared animal feeds		26424	25579	27474	25855		728	719	747	737		546	530	520	674
154 Other food products		6905	6629	6864	6356		232	224	221	212		31	29	27	33
1541 Bakery products		109	110	123	121		7	6	6	6		111	110	106	137
1542 Sugar		1182	1139	1179	1135		41	40	40	39		95	94	97	172
1543 Cocoa, chocolate and sugar confectionery		4109	4012	4121	3841		60	59	60	58		767	776	814	1192
1544 Macaroni, noodles & similar products		14119	13689	15187	14402		389	390	419	422		283	289	282	396
1549 Other food products n.e.c.		3297	3231	3313	3183		86	85	84	81		41	42	41	52
155 Beverages		343	347	353	355		11	11	10	10		71	69	67	129
1551 Distilling, rectifying & blending of spirits		1793	1757	1740	1671		35	34	33	31		68	68	65	76
1552 Wines		384	367	408	373		14	13	14	12		104	110	109	139
1553 Malt liquors and malt		777	760	812	784		26	27	28	27		53	52	50	56
1554 Soft drinks; mineral waters		25	25	25	31		7	7	7	7		402	386	346	514
1600 Tobacco products		10958	10312	9700	8778		179	169	155	141		199	193	172	272
171 Spinning, weaving and finishing of textiles		7567	7194	6642	5984		106	102	92	82		200	196	184	242
1711 Textile fibre preparation; textile weaving		3391	3118	3058	2784		127	122	123	116		82	80	73	187
1712 Finishing of textiles		9279	8834	9388	8596		71	68	69	65		20	19	14	26
1721 Made-up textile articles, except apparel		5759	5478	5979	5389		8	8	8	7		14	14	13	14
1722 Carpets and rugs		418	388	414	390		39	37	36	35		84	82	80	134
1723 Cordage, rope, twine and netting		663	623	662	615		142	135	130	120		193	187	178	301
1729 Other textiles n.e.c.		2439	2345	2343	2201		336	311	286	251		419	395	352	545
1730 Knitted and crocheted fabrics and articles		8338	7943	7909	7284		1	1	1	1		2	1	1	2
1810 Wearing apparel, except fur apparel		17573	16182	16058	13787		31	27	27	25		52	40	39	85
1820 Dressing & dyeing of fur; processing of fur		71	66	62	58		10	8	8	8		37	26	26	37
191 Tanning, dressing and processing of leather		2742	2571	2526	2332		21	19	18	16		83	77	65	115
1911 Tanning and dressing of leather		558	526	498	485		47	44	39	36		66	63	56	256
1912 Luggage, handbags, etc.; saddlery & harness		2184	2045	2028	1847		94	88	81	75		244	239	208	492
1920 Footwear		2901	2722	2655	2412		159	152	143	136		112	103	82	114
2010 Sawmilling and planing of wood		8960	8428	8127	7448		38	35	30	29		99	106	98	250
2021 Products of wood, cork, straw, etc.		13613	13042	13108	12161		15	14	14	12		16	14	13	43
2022 Veneer sheets, plywood, particle board, etc.		1329	1283	1238	1167		32	31	30	28		17	16	15	85
2023 Builders' carpentry and joinery		7131	6858	6700	6344		260	255	256	247		824	829	817	1123
2025 Wooden containers		1253	1194	1237	1083		77	75	73	70		390	388	380	408
2029 Other wood products; articles of cork/straw		3900	3707	3933	3557		120	118	117	112		281	283	273	451
210 Paper and paper products		10186	9826	10349	9700		63	62	66	65		153	159	164	264
2101 Pulp, paper and paperboard		1066	1028	1044	989		115	117	120	116		847	865	867	1002
2102 Corrugated paper and paperboard		6205	5975	6176	5707		47	49	51	51		290	295	296	385
2109 Other articles of paper and paperboard		2915	2823	3129	3004		68	68	68	66		557	570	571	616
221 Publishing of books and other publications		2286	2365	2767	2618		.....	.....	.....	.....		.....	.....	.....	.....
2211 Publishing of newspapers, journals, etc.		811	802	878	824		.....	.....	.....	.....		.....	.....	.....	.....
2212 Publishing of recorded media	
2219 Other publishing	

222 Printing and related service activities	23477	22809	24644	22657	414	409	417	396	1030	1048	1041	1796
2221 Printing	17230	16825	18128	16894	325	323	327	311	870	889	880	1423
2222 Service activities related to printing	6247	5984	6516	5963	89	86	90	85	160	159	160	373
2230 Reproduction of recorded media	87	103	151	131	7	7	8	7	30	33	32	34
2310 Coke oven products	812	823	910	882	10	10	10	10	15	15	15	54
2320 Refined petroleum products	275	267	272	258	23	22	21	19	163	161	153	176
2330 Processing of nuclear fuel	7	7	6	5	4	4	2	2	24	24	14	17
241 Basic chemicals	1265	1288	1346	1281	119	118	118	111	694	705	705	763
2411 Basic chemicals, except fertilizers	863	877	919	869	69	69	68	67	400	401	398	448
2412 Fertilizers and nitrogen compounds	178	178	176	176	6	6	6	5	23	21	20	30
2413 Plastics in primary forms; synthetic rubber	224	233	240	236	44	44	44	39	285	283	285	285
242 Other chemicals	3941	3886	4069	3947	247	243	245	239	1234	1240	1219	1401
2421 Pesticides and other agro-chemical products	99	90	91	84	7	6	6	6	37	36	33	28
2422 Paints, varnishes, printing ink and mastics	599	585	608	591	28	27	27	23	138	136	134	145
2423 Pharmaceuticals, medicinal chemicals, etc.	1056	1018	1038	1010	98	96	96	95	536	546	526	588
2424 Soap, cleaning & cosmetic preparations	822	815	873	848	46	46	46	45	192	189	187	225
2429 Other chemical products n.e.c.	1365	1378	1459	1414	68	68	70	68	331	334	339	407
2430 Man-made fibres	85	81	86	80	22	21	19	19	120	112	104	113
251 Rubber products	3341	3255	3422	3268	125	123	120	118	483	478	458	555
2511 Rubber tyres and tubes	139	125	130	129	24	24	23	22	139	138	135	133
2519 Other rubber products	3202	3130	3292	3139	101	99	97	96	344	340	322	422
2520 Plastic products	18881	18450	19624	18554	430	429	429	422	1122	1144	1126	1720
2610 Glass and glass products	1060	1031	1147	1248	53	52	51	57	226	224	218	298
269 Non-metallic mineral products n.e.c.	17680	17180	17543	16368	358	349	338	310	835	851	797	1379
2691 Pottery, china and earthenware	3232	3134	3018	2856	59	60	57	53	167	192	177	219
2692 Refractory ceramic products	730	718	718	662	25	24	22	20	86	83	76	95
2693 Struct non-refractory clay; ceramic products	831	773	751	651	12	11	10	9	25	24	20	34
2694 Cement, lime and plaster	225	219	224	248	11	10	10	10	53	50	52	63
2695 Articles of concrete, cement and plaster	7617	7617	7724	7450	169	164	157	150	325	320	292	664
2696 Cutting, shaping & finishing of stone	2969	2841	3169	2849	35	33	35	32	39	35	32	139
2699 Other non-metallic mineral products n.e.c.	1906	1878	1939	1652	46	47	47	35	140	148	149	165
2710 Basic iron and steel	2999	3001	3223	2966	207	197	189	175	1124	1076	1004	1203
2720 Basic precious and non-ferrous metals	1183	1183	1320	1271	67	68	65	60	336	342	315	350
273 Casting of metals	2834	2799	2736	2010	83	83	78	57	284	294	264	274
2731 Casting of iron and steel	1386	1361	1428	1179	50	49	46	42	186	190	173	209
2732 Casting of non-ferrous metals	1448	1438	1451	831	34	34	32	15	100	104	91	65
281 Structural metal products; tanks; steam generators	21326	20793	22036	19878	372	361	359	335	978	958	922	1619
2811 Structural metal products	13505	13040	13728	12359	246	240	236	219	631	628	593	997
2812 Tanks, reservoirs and containers of metal	7652	7597	8149	7364	94	93	95	87	131	131	129	392
2813 Steam generators	169	156	159	155	32	28	27	29	217	199	201	230
289 Other metal products; metal working services	26156	25460	26389	25272	485	482	467	475	1212	1234	1160	2108
2891 Metal forging/pressing/stamping/roll-forming	5748	5668	5954	6296	114	114	112	131	306	316	296	574
2892 Treatment & coating of metals	7670	7316	7614	7082	119	119	117	113	224	233	223	483
2893 Cutlery, hand tools and general hardware	3407	3353	3465	3213	69	68	67	67	204	206	197	319
2899 Other fabricated metal products n.e.c.	9431	9123	9556	8681	183	182	172	165	478	479	444	731
291 General purpose machinery	15168	15090	16053	14691	455	458	458	431	1769	1808	1762	2278
2911 Engines & turbines(not for transport equip.)	825	797	877	797	37	36	34	34	167	181	164	210
2912 Pumps, compressors, taps and valves	1555	1519	1574	1466	55	55	57	55	229	237	237	298
2913 Bearings, gears, gearing & driving elements	1535	1494	1524	1435	75	74	76	70	347	348	340	373
2914 Ovens, furnaces and furnace burners	162	158	177	161	4	4	4	3	16	12	14	21
2915 Lifting and handling equipment	2343	2331	2408	2145	64	64	65	57	230	240	251	301
2919 Other general purpose machinery	8748	8791	9493	8691	220	224	223	211	760	790	755	1075
292 Special purpose machinery	22923	22637	23945	22179	527	519	518	495	1800	1786	1751	2583
2921 Agricultural and forestry machinery	916	883	898	842	28	29	28	26	103	107	99	126
2922 Machine tools	6974	6918	7392	6703	139	141	138	130	446	466	441	666
2923 Machinery for metallurgy	149	152	154	132	5	4	5	4	19	16	21	23
2924 Machinery for mining & construction	1720	1637	1651	1544	18	17	17	16	236	233	223	273
2925 Food/beverage/tobacco processing machinery	1056	958	1020	928	18	17	17	15	48	48	45	78
2926 Machinery for textile, apparel and leather	1179	1107	1085	926	32	28	26	25	112	96	88	126
2927 Weapons and ammunition	29	29	31	28	7	7	7	5	43	44	43	33
2929 Other special purpose machinery	10897	10897	11714	11076	241	238	245	239	793	774	790	1258
2930 Domestic appliances n.e.c.	3200	3024	3076	2786	149	146	139	130	584	580	547	602

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Japan

ISIC Revision 3	Number of establishments (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (billion YEN)								
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999		
		2955	2909	3056	2810		213	214	215	208		931	954	961	1051		
ISIC Industry																	
3000 Office, accounting and computing machinery		2611	2486	2517	2325	102	103	95	87	213	214	215	208	931	954	961	1051
3110 Electric motors, generators and transformers		4941	4713	5048	4572	172	169	165	153	102	103	95	87	390	405	359	407
3120 Electricity distribution & control apparatus		918	890	922	570	51	50	47	39	172	169	165	153	648	646	530	751
3130 Insulated wire and cable		210	210	209	207	23	22	24	24	51	50	47	39	235	238	218	217
3140 Accumulators, primary cells and batteries		1291	1247	1278	1123	49	48	47	47	23	22	24	24	110	108	113	126
3150 Lighting equipment and electric lamps		4275	4229	4352	4049	182	186	178	178	49	48	47	47	170	168	228	228
3190 Other electrical equipment n.e.c.		2700	2744	2817	2814	345	344	347	343	182	186	178	178	616	658	614	755
3210 Electronic valves, tubes, etc.		514	503	523	540	93	87	90	88	345	344	347	343	1573	1611	1652	1699
3220 TV/radio transmitters; line comm. apparatus		7944	7585	7577	6845	407	405	400	379	93	87	90	88	475	448	469	471
3230 TV and radio receivers and associated goods		4424	4416	4710	4425	152	156	159	153	407	405	400	379	1443	1503	1498	1610
331 Medical, measuring, testing appliances, etc.		1492	1525	1639	1574	49	50	52	52	152	156	159	153	577	611	628	769
3311 Medical, surgical and orthopaedic equipment		2621	2582	2746	2561	90	93	93	87	49	50	52	52	337	368	369	443
3312 Measuring/testing/navigating appliances, etc.		311	309	325	290	14	14	14	14	90	93	93	87	69	69	73	82
3313 Industrial process control equipment		1956	1891	2064	1902	59	60	60	57	14	14	14	14	183	191	188	235
3320 Optical instruments & photographic equipment		425	413	403	316	24	22	22	18	59	60	60	57	87	81	80	80
3330 Watches and clocks		49	50	59	60	181	183	184	173	24	22	22	18	1203	1238	1288	1288
3410 Motor vehicles		285	276	267	259	55	55	50	48	181	183	184	173	315	326	291	295
3420 Automobile bodies, trailers & semi-trailers		9792	9638	10111	9452	532	531	518	501	55	55	50	48	2330	2410	2334	2569
3430 Parts/accessories for automobiles		1298	1234	1308	1204	51	50	52	46	532	531	518	501	230	231	244	293
351 Building and repairing of ships and boats		845	801	858	795	46	45	48	42	51	50	52	46	219	221	235	276
3511 Building and repairing of ships		463	433	450	409	5	5	5	4	46	45	48	42	11	10	8	16
3512 Building/repairing of pleasure/sport. boats		418	403	420	384	16	17	15	16	5	5	5	4	65	74	63	103
3520 Railway/tramway locomotives & rolling stock		217	228	269	273	26	26	28	30	16	17	15	16	145	147	155	194
3530 Aircraft and spacecraft		746	728	794	735	15	14	15	14	26	26	28	30	33	36	37	58
359 Motorcycles		499	487	511	464	11	10	11	9	15	14	15	14	..	..	..	..
3592 Bicycles and invalid carriages		247	241	283	271	4	4	4	4	11	10	11	9	27	29	31	41
3599 Other transport equipment n.e.c.		9085	8732	8848	8179	155	148	139	129	4	4	4	4	7	7	7	17
360 Furniture		12902	12458	13756	11912	199	194	198	179	155	148	139	129	351	341	310	527
369 Manufacturing n.e.c.		810	786	953	820	14	12	12	11	199	194	198	179	410	407	399	719
3691 Jewellery and related articles		400	402	424	410	14	13	14	14	14	12	12	11	29	24	21	43
3692 Musical instruments		956	925	991	895	22	21	20	20	14	13	14	14	60	62	60	80
3693 Sports goods		1531	1430	1504	1295	21	20	21	18	22	21	20	20	57	53	50	78
3694 Games and toys		9205	8915	9884	8492	129	128	131	117	21	20	21	18	28	26	29	58
3699 Other manufacturing n.e.c.		681	669	689	648	11	11	11	10	129	128	131	117	236	241	236	460
3710 Recycling of metal waste and scrap	a/	..	..	..	..	..	..	..	..	11	11	11	10	16	16	15	47
3720 Recycling of non-metal waste and scrap	a/	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
D Total manufacturing		369612	358246	373713	345401	9987	9831	9725	9283	9987	9831	9725	9283	32668	32967	32186	42588

a/ 3710 includes 3720.

Japan

ISIC Industry	Output (billion YEN)				Value added (billion YEN)				Gross fixed capital formation (billion YEN)			
	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999
	Note	Note	Note	Note	Note	Note	Note	Note	Note	Note	Note	Note
ISIC Industry												
151 Processed meat, fish, fruit, vegetables, fats	7869	7072	8063	7833	2443	2471	2533	2488	177	177	177	158
1511 Processing/preserving of meat	2205	2229	2272	2028	560	563	597	545	50	50	50	47
1512 Processing/preserving of fish	4163	4178	4202	4085	1352	1344	1374	1319	80	80	80	56
1513 Processing/preserving of fruit & vegetables	980	968	1019	981	388	385	413	396	32	32	32	26
1514 Vegetable and animal oils and fats	521	597	571	759	143	158	149	228	15	15	15	29
1520 Dairy products	2302	2286	2296	2312	713	715	694	725	96	96	96	83
153 Grain mill products	2659	2652	2694	2561	523	503	525	532	67	67	67	48
1531 Grain mill products	1530	1443	1478	1379	277	258	254	238	30	30	30	21
1532 Starches and starch products	276	290	287	286	78	83	94	95	12	12	12	15
1533 Prepared animal feeds	853	920	929	897	168	162	178	198	22	22	22	15
154 Other food products	12903	12931	13185	13187	5854	5756	5850	5886	439	439	439	364
1541 Bakery products	3214	3161	3114	3020	1720	1673	1639	1593	102	102	102	80
1542 Sugar	413	379	397	384	123	110	124	108	9	9	9	7
1543 Cocoa, chocolate and sugar confectionery	1081	1081	1070	1090	550	543	540	566	40	40	40	27
1544 Macaroni, noodles & similar products	1037	1032	1024	1018	440	429	423	426	35	35	35	21
1549 Other food products n.e.c.	7158	7278	7560	7675	3020	3001	3124	3194	249	249	249	218
155 Beverages	6661	6805	6801	6882	2401	2413	2447	2470	326	326	326	260
1551 Distilling, rectifying & blending of spirits	1005	1053	1088	1130	487	513	515	516	29	29	29	35
1552 Wines	1017	961	900	888	472	444	425	420	44	44	44	24
1553 Malt liquors and malt	2453	2475	2439	2298	466	474	474	482	167	167	167	97
1554 Soft drinks; mineral waters	2185	2315	2375	2365	976	1022	1033	1054	85	85	85	105
1600 Tobacco products	2195	2288	2308	2533	397	452	435	511	16	16	16	27
171 Spinning, weaving and finishing of textiles	2851	2821	2458	2186	1248	1244	1086	956	92	92	92	61
1711 Textile fibre preparation; textile weaving	1803	1791	1548	1352	711	724	626	534	62	62	62	36
1712 Finishing of textiles	1049	1029	909	834	537	520	460	422	30	30	30	25
172 Other textiles	2147	2136	2021	1895	897	893	840	785	48	48	48	37
1721 Made-up textile articles, except apparel	1040	1046	1013	916	422	434	423	379	15	15	15	8
1722 Carpets and rugs	228	224	210	206	69	70	62	62	5	5	5	3
1723 Cordage, rope, twine and netting	125	124	116	106	58	58	54	50	2	2	2	4
1729 Other textiles n.e.c.	754	742	682	667	348	332	300	294	25	25	25	23
1730 Knitted and crocheted fabrics and articles	1623	1553	1472	1321	666	638	612	553	22	22	22	14
1810 Wearing apparel, except fur apparel	2420	2290	2138	1839	1281	1193	1122	968	22	22	22	16
1820 Dressing & dyeing of fur; processing of fur	18	11	11	11	8	5	4	5	-	-	-	-
191 Tanning, dressing and processing of leather	596	516	510	456	224	195	194	178	12	12	12	7
1911 Tanning and dressing of leather	280	212	219	203	91	69	72	69	7	7	7	6
1912 Luggage, handbags, etc.; saddlery & harness	316	304	291	253	133	127	122	109	5	5	5	1
1920 Footwear	698	657	563	518	298	282	218	207	5	5	5	4
2010 Sawmilling and planing of wood	1928	1835	1540	1417	676	628	544	514	32	32	32	11
202 Products of wood, cork, straw, etc.	3120	3089	2581	2484	1208	1176	1005	977	72	72	72	30
2021 Veneer sheets, plywood, particle board, etc.	1046	996	749	724	351	328	251	249	26	26	26	14
2022 Builders' carpentry and joinery	1464	1495	1286	1290	580	576	499	505	36	36	36	15
2023 Wooden containers	218	183	183	155	89	86	77	70	5	5	5	1
2029 Other wood products; articles of cork/straw	392	394	364	315	187	186	177	154	4	4	4	1
210 Paper and paper products	8616	8621	8164	7834	3260	3225	3032	2898	527	527	527	317
2101 Pulp, paper and paperboard	4244	4221	3906	3728	1565	1535	1351	1274	368	368	368	198
2102 Corrugated paper and paperboard	2881	2875	2691	2567	1084	1075	1040	997	68	68	68	79
2109 Other articles of paper and paperboard	1492	1525	1568	1539	611	615	642	626	80	80	80	51
221 Publishing of books and other publications	5043	5092	5151	4963	3031	3082	3093	2963	111	111	111	163
2211 Publishing of newspapers, journals, etc.	2434	2456	2471	2376	1364	1389	1319	1264	36	36	36	35
2213 Publishing of recorded media	2609	2626	2680	2587	1667	1693	1775	1699	96	96	96	128
2219 Other publishing	...	...	...	...	...	...	...	...	...	...	...	...

continued

Japan

ISIC Industry	Output (billion YEN)				Value added (billion YEN)				Gross fixed capital formation (billion YEN)				
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999			
222 Printing and related service activities		8431	8595	8455	7914		3872	3911	3886	3737		324	242
2221 Printing		7335	7499	7324	6852		3166	3208	3158	3054		279	215
2222 Service activities related to printing		1096	1056	1131	1062		706	703	728	683		45	27
2230 Reproduction of recorded media		237	536	241	256		151	217	136	149		20	11
2310 Coke oven products		688	708	692	640		197	184	166	181		15	12
2320 Refined petroleum products		7718	8345	7465	7412		910	662	730	776		143	164
2330 Processing of nuclear fuel		108	79	103	82		55	18	44	24		58	219
241 Basic chemicals		9035	9932	9151	8745		3873	4035	3729	3647		669	585
2411 Basic chemicals, except fertilizers		5314	5871	5347	5063		2259	2392	2217	2107		406	367
2412 Fertilizers and nitrogen compounds		319	319	306	292		108	103	96	92		20	11
2413 Plastics in primary forms; synthetic rubber		3402	3742	3499	3390		1506	1541	1417	1447		242	206
242 Other chemicals		13569	13834	13320	13504		7667	7713	7292	7492		720	585
2421 Pesticides and other agro-chemical products		412	392	365	343		147	143	143	123		25	24
2422 Paints, varnishes, printing ink and mastics		1350	1353	1267	1186		514	500	452	407		45	29
2423 Pharmaceuticals, medicinal chemicals, etc.		6093	6176	5875	6367		4075	4073	3806	4176		311	285
2424 Soap, cleaning & cosmetic preparations		2520	2851	2560	2528		1459	1531	1474	1452		109	83
2429 Other chemical products n.e.c.		3194	3263	3293	3079		1467	1467	1418	1335		231	185
2430 Man-made fibres		862	875	758	733		344	361	293	288		107	68
251 Rubber products		3056	3132	3001	2927		1433	1499	1417	1358		193	162
2511 Rubber tyres and tubes		1005	1037	1006	983		512	525	502	519		85	73
2519 Other rubber products		2052	2096	1995	1944		921	974	898	855		108	89
2520 Plastic products		10402	10757	10282	10138		4197	4273	4125	4102		577	427
2610 Glass and glass products		1615	1633	1481	1698		848	876	769	816		121	106
269 Non-metallic mineral products n.e.c.		8585	8574	7875	7085		4138	4068	3701	3360		474	234
2691 Pottery, china and earthenware		809	935	840	778		451	477	409	369		64	52
2692 Refractory ceramic products		511	519	454	393		254	257	223	186		19	13
2693 Struct.non-refractory clay; ceramic products		198	190	167	142		114	108	94	81		8	5
2694 Cement, lime and plaster		814	806	726	656		333	389	343	308		67	53
2695 Articles of concrete, cement and plaster		4330	4255	3871	3722		1929	1870	1690	1659		188	73
2696 Cutting, shaping & finishing of stone		718	674	673	604		421	391	394	356		34	10
2699 Other non-metallic mineral products n.e.c.		1125	1194	1143	790		575	577	548	402		95	28
2710 Basic iron and steel		11854	12506	11098	9771		4079	4296	3656	3170		584	801
2720 Basic precious and non-ferrous metals		3705	4005	3667	3313		1007	1037	920	813		144	144
273 Casting of metals		1895	2010	1756	1135		889	913	792	516		99	51
2731 Casting of iron and steel		1087	1137	977	867		510	516	439	399		58	42
2732 Casting of non-ferrous metals		808	873	779	268		379	396	352	117		41	10
281 Struct. metal products:tanks;steam generators		10461	10206	9636	8596		4611	4377	4155	3723		243	173
2811 Structural metal products		7030	7027	6494	5786		2987	2909	2753	2408		198	121
2812 Tanks, reservoirs and containers of metal		1672	1679	1615	1406		794	637	796	685		44	17
2813 Steam generators		1759	1499	1527	1504		769	630	606	431		41	35
289 Other metal products: metal working services		9820	10014	9245	9239		4617	4635	4313	4295		436	289
2891 Metal forging/pressing/stamping/roll-forming		2586	2727	2482	2877		1060	1102	1013	1209		117	116
2892 Treatment & coating of metals		1649	1736	1654	1523		975	1015	959	875		88	41
2893 Cutlery, hand tools and general hardware		1249	1261	1216	1223		695	685	646	665		53	37
2899 Other fabricated metal products n.e.c.		4337	4290	3893	3616		1887	1833	1676	1566		179	96
291 General purpose machinery		12860	13672	12861	11576		5301	5693	5154	4724		472	352
2911 Engines & turbines(not for transport equip.)		1286	1411	1311	1172		461	520	469	420		57	70
2912 Pumps, compressors, taps and valves		1755	1869	1767	1610		725	774	733	713		59	51
2913 Bearings, gears, gearing & driving elements		1802	1882	1763	1610		787	821	766	681		102	75
2914 Ovens, furnaces and furnace burners		189	185	178	145		89	85	74	63		2	2
2915 Lifting and handling equipment		2088	2135	2172	1723		747	747	732	636		74	42
2919 Other general purpose machinery		5731	6190	5603	5161		2492	2646	2380	2212		179	113

292 Special purpose machinery	15279	15635	14311	12523	6200	6341	5876	5104	479	329
2921 Agricultural and forestry machinery	730	741	636	622	308	309	272	266	17	15
2922 Machine tools	3361	3750	3344	2890	1419	1591	1459	1221	113	64
2923 Machinery for metallurgy	165	135	166	120	56	52	69	45	4	2
2924 Machinery for mining & construction	2564	2581	2105	1877	852	854	726	604	59	50
2925 Food/beverage/tobacco processing machinery	414	406	365	328	206	198	179	166	5	4
2926 Machinery for textile, apparel and leather	741	639	586	480	298	274	249	183	13	8
2927 Weapons and ammunition	438	447	467	289	165	164	184	109	25	11
2929 Other special purpose machinery	6866	6956	6643	5918	2897	2899	2737	2511	244	176
2930 Domestic appliances n.e.c.	5379	5106	4592	4257	2169	2027	1815	1730	147	103
3000 Office, accounting and computing machinery	12193	12758	11703	10951	3018	2862	2790	2418	418	350
3110 Electric motors, generators and transformers	2329	2429	2116	1859	869	900	764	673	63	59
3120 Electricity distribution & control apparatus	4399	4421	4161	3645	1787	1752	1711	1387	106	89
3130 Insulated wire and cable	2082	2216	1834	1545	630	670	537	427	106	67
3140 Accumulators, primary cells and batteries	831	927	1095	1043	321	337	353	358	78	62
3150 Lighting equipment and electric lamps	1295	1331	1238	1300	508	487	448	525	46	45
3190 Other electrical equipment n.e.c.	4683	5147	4281	4459	1757	1877	1575	1556	289	313
3210 Electronic valves, tubes, etc.	11897	12395	11707	12231	4273	4263	3834	4099	1207	906
3220 TV/radio transmitters; line comm. apparatus	5441	5504	5037	5181	1841	1705	1602	1584	165	123
3230 TV and radio receivers and associated goods	11188	12351	12062	11698	3802	4193	3900	3687	737	569
3311 Medical, measuring, testing appliances, etc.	3895	4180	4266	4056	1822	1890	1853	1794	184	99
3312 Measuring/testing/navigation appliances, etc.	1244	1248	1423	1466	603	564	608	688	72	39
3313 Industrial process control equipment	2363	2637	2566	2309	1078	1192	1126	977	92	53
3320 Optical instruments & photographic equipment	298	294	277	291	140	135	120	129	7	7
3330 Watches and clocks	1124	1290	1262	1172	425	474	473	438	46	35
3410 Motor vehicles	614	643	609	465	181	184	168	135	31	22
3420 Automobile bodies, trailers & semi-trailers	20563	21310	21098	20016	5418	5196	5587	5222	596	516
3430 Parts/accessories for automobiles	2821	2958	2634	2406	649	680	564	515	99	83
351 Building and repairing of ships and boats	17257	18250	16659	16582	5721	5739	5024	5083	1269	850
3511 Building and repairing of ships	1905	2288	2478	1996	584	825	915	640	50	55
3512 Building/repairing of pleasure/sport. boats	1824	2210	2408	1936	555	795	886	615	49	54
3520 Railway/tramway locomotives & rolling stock	81	78	70	59	30	30	29	26	1	1
3530 Aircraft and spacecraft	388	488	340	486	161	187	121	180	26	14
359 Transport equipment n.e.c.	854	972	1140	1212	354	381	453	406	38	44
3591 Motorcycles	396	380	400	397	160	142	153	187	12	10
3592 Bicycles and invalid carriages	..	..	..	..	..	..	..	..	..	..
3599 Other transport equipment n.e.c.	312	301	322	320	123	110	119	151	10	9
3610 Furniture	84	80	78	77	37	32	34	35	3	1
369 Manufacturing n.e.c.	2972	2891	2515	2264	1277	1228	1059	984	59	34
3691 Jewellery and related articles	4907	4739	5011	4436	1893	1858	1956	1783	144	88
3692 Musical instruments	381	353	326	276	120	119	114	100	2	1
3693 Sports goods	316	344	361	327	126	145	152	116	28	16
3694 Games and toys	442	428	403	387	210	210	201	195	12	7
3699 Other manufacturing n.e.c.	785	553	951	928	250	154	293	303	11	6
3710 Recycling of metal waste and scrap	2982	3081	2970	2518	1179	1231	1196	1070	91	58
3720 Recycling of non-metal waste and scrap	461	461	399	291	166	182	151	119	17	3
D Total manufacturing	313645	324038	305801	291387	119304	119873	113193	107824	13913	11085

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a/ 3710 includes 3720.

Japan

ISIC Industry		Index numbers of industrial production															
		(1990=100)															
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999				
15	Food and beverages	99	100	100	100	101	100	102	101	102	100	102	101	102	101	99	100
16	Tobacco products	97	98	100	101	105	104	103	102	103	104	99	102	99	...	...	...
17	Textiles	106	105	100	97	93	80	76	70	76	80	68	70	68	69	60	56
18	Wearing apparel, fur	103	103	100	99	95	87	84	79	84	87	75	79	75	71	63	59
19	Leather, leather products and footwear	97	100	100	99	96	89	85	79	85	89	77	79	77	72	64	58
20	Wood products (excl. furniture)	101	101	100	97	93	89	86	81	86	89	80	81	80	75	64	61
21	Paper and paper products	90	96	100	103	101	99	101	105	101	99	107	105	107	109	106	108
22	Printing and publishing	96	97	100	104	106	111	113	115	113	111	117	115	117	118	115	111
23	Coke, refined petroleum products, nuclear fuel	90	94	100	105	108	110	114	116	114	110	116	116	116	119	119	119
24	Chemicals and chemical products	91	96	100	102	102	100	104	110	104	100	111	95	97	115	109	114
25	Rubber and plastics products	92	96	100	101	97	93	93	92	93	93	97	95	97	99	93	93
26	Non-metallic mineral products	93	97	100	100	94	91	92	92	92	91	93	94	93	98	83	83
27	Basic metals	94	97	100	102	93	91	91	94	91	91	93	94	93	98	86	86
28	Fabricated metal products	93	97	100	101	97	93	95	95	95	93	96	95	96	94	85	85
29	Machinery and equipment n.e.c.	87	96	100	100	84	75	77	84	77	75	88	84	88	91	80	74
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	88	96	100	106	95	90	94	103	94	90	113	103	113	118	113	115
32	Radio, television and communication equipment	87	94	100	107	96	100	107	119	107	100	123	119	123	135	129	143
33	Medical, precision and optical instruments	90	92	100	104	95	83	77	76	77	83	80	76	80	84	82	76
34	Motor vehicles, trailers, semi-trailers	87	94	100	101	98	91	87	86	87	91	88	86	88	96	88	87
35	Other transport equipment	69	84	100	95	109	103	100	96	100	103	103	96	103	108	95	112
36	Furniture, manufacturing n.e.c.	86	91	100	94	90	85	75	70	75	85	70	70	70	76	71	70
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	91	96	100	102	96	91	92	95	92	91	97	95	97	101	94	94

Note

KENYA

<p>Supplier of information: Central Bureau of Statistics, Office of the Vice-President and Ministry of Planning and National Development, Nairobi.</p> <p>Basic source of data: Annual survey of industrial production, census of industrial production.</p> <p>Major deviations from ISIC (Revision 2): 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>Reference period (if not calendar year):</p> <p>Scope: All establishments.</p> <p>Method of enumeration: The survey is conducted by mail.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <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>Related national publications: 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 Industry	Number of establishments (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million POUNDS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
ISIC Industry	Note														
311/2 Food products		802	719	926	940		62612	64788	66721	72400		227.5	283.8	352.1	434.5
3111 Slaughtering, preparing & preserving meat		2	14	14	14		4114	4147	4102	4124		17.0	20.6	23.9	27.6
3112 Dairy products		64	57	92	93		4348	4384	4434	4434		26.6	31.3	35.5	41.1
3113 Canning, preserving of fruits & vegetables		9	8	18	18		4260	4293	4279	4852		14.9	18.9	21.1	32.4
3114 Canning, preserving and processing of fish		3	3	8	8		199	192	190	184		0.8	1.0	1.2	1.4
3115 Vegetable and animal oils and fats		37	33	8	8		1916	2011	2084	2100		15.0	20.3	26.5	32.5
3116 Grain mill products		176	158	222	226		5577	5812	5847	6151		24.6	30.1	35.7	42.6
3117 Bakery products		124	111	143	146		2694	2744	2776	2800		13.0	16.3	20.1	23.9
3118 Sugar factories and refineries		27	24	4	4		13008	13180	13635	16294		42.3	51.2	66.9	85.0
3119 Cocoa, chocolate and sugar confectionery		19	17	912	2		907	910	912	916		5.0	6.1	7.5	8.9
3121 Other food products		338	303	415	421		24524	25970	27368	29326		63.8	82.4	106.3	130.5
3122 Prepared animal feeds		3	3	2	2		1065	1145	1205	1219		4.5	5.8	7.4	8.7
313 Beverages		...	...	...	63		7384	7476	7547	7548		...	...	112.3	133.2
3131 Distilling, rectifying and blending spirits		...	...	...	12		285	299	308	310		...	...	...	...
3132 Wine industries		...	...	...	...		4701	4725	4753	4689		...	...	...	...
3133 Malt liquors and malt		30	27	49	51		2398	2452	2486	2549		17.6	22.0	27.1	22.5
3134 Soft drinks and carbonated waters		...	...	...	...		...	...	...	...		...	...	...	...
314 Tobacco		...	...	...	...		1645	1701	...	1601		...	...	...	...
321 Textiles		101	94	59	63		25329	25539	25492	27190		81.8	101.2	125.0	153.0
3211 Spinning, weaving and finishing textiles		29	26	10	11		11791	11911	12297	13313		35.5	43.3	53.6	66.1
3212 Made-up textile goods excl. wearing apparel		36	32	2	2		2630	2640	2643	2660		7.8	8.9	10.1	11.3
3213 Knitting mills		24	22	41	42		7903	7925	7933	7877		30.6	39.0	49.5	60.2
3214 Carpets and rugs		...	...	...	...		2222	2291	2241	2230		6.0	7.6	9.1	10.7
3215 Cordage, rope and twine		5	4	2	2		405	396	378	384		1.0	1.3	1.4	1.6
3219 Other textiles		...	...	...	...		...	...	...	...		...	...	...	...
322 Wearing apparel, except footwear		567	508	605	613		7211	7304	7395	7402		22.0	28.8	36.8	44.9
323 Leather and fur products		34	31	6	8		1740	1750	1743	1730		5.1	5.8	6.5	7.1
3231 Tanneries and leather finishing		30	27	6	6		1355	1355	1345	1334		4.0	4.5	5.1	5.6
3232 Fur dressing and dyeing industries		4	4	2	2		385	395	398	396		1.1	1.3	1.4	1.6
3233 Leather prods. excl. wearing apparel		15	13	...	...		2490	2529	2481	2430		13.4	17.2	21.1	25.0
324 Footwear, except rubber or plastic		223	201	293	297		9478	9617	9629	9815		24.8	30.0	35.6	41.9
331 Wood products, except furniture		220	197	289	293		9328	9467	9478	9664		24.4	29.4	34.9	41.0
3311 Sawmills, planing and other wood mills		3	3	2	2		25	26	28	28		0.1	0.1	0.1	0.2
3312 Wooden and cane containers		...	...	...	...		125	124	123	123		0.3	0.4	0.6	0.7
3319 Other wood and cork products		292	262	318	322		4205	4284	4320	4386		15.8	19.9	24.2	28.9
332 Furniture and fixtures, excl. metal		65	58	99	100		8039	8200	8294	8418		39.7	50.3	64.2	75.4
341 Paper and products		2	2	2	2		4072	4161	4186	4209		15.3	19.4	26.1	29.5
3411 Pulp, paper and paperboard articles		63	56	97	98		3967	4039	4108	4209		24.4	30.9	38.1	45.9
3412 Containers of paper and paperboard		393	352	448	454		6850	6970	6978	7450		35.3	43.4	54.0	65.8
3419 Other pulp, paper and paperboard articles		41	37	60	61		3946	3997	4049	4207		26.2	34.0	43.7	54.0
342 Printing and publishing		31	28	54	55		2778	2807	2837	2965		17.6	22.9	29.7	36.9
351 Industrial chemicals		10	9	6	6		1168	1190	1212	1222		8.6	11.0	14.0	17.1
3511 Basic chemicals excl. fertilizers		...	...	...	...		...	...	...	...		...	...	...	...
3512 Fertilizers and pesticides		156	140	137	138		10492	10865	11005	11245		73.1	87.8	105.2	118.1
3513 Synthetic resins and plastic materials		10	9	2	2		1057	1160	1178	1192		6.1	7.8	9.1	10.3
352 Other chemicals		30	30	10	10		2619	2776	2821	2834		19.4	23.6	30.4	32.3
3521 Paints, varnishes and lacquers		67	60	89	90		4602	4716	4789	4873		36.2	43.5	51.2	59.0
3522 Drugs and medicines		46	41	36	36		2214	2213	2217	2246		11.4	12.8	14.5	16.4
3523 Soap, cleaning preps., perfumes, cosmetics		2	2	2	2		230	230	230	271		1.6	1.9	2.1	2.3
3529 Other chemical products		...	...	...	...		...	...	...	...		...	...	...	...
353 Petroleum refineries		...	...	...	...		...	...	...	...		...	...	...	...

Kenya

ISIC Industry	Output in factor values (million POUNDS)				Value added in factor values (million POUNDS)				Gross fixed capital formation (million POUNDS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
311/2 Food products		13232	17949	19082	16966		847	976	1118	1433
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		...	...	...	...		...	...	...	...
3117 Bakery products		...	...	...	...		...	...	...	...
3118 Sugar factories and refineries		...	...	...	...		...	...	...	...
3119 Cocoa, chocolate and sugar confectionery		...	...	...	...		...	...	...	...
3121 Other food products		...	...	...	...		...	...	...	...
3122 Prepared animal feeds		...	...	...	...		...	...	...	...
313 Beverages		402	232	345	481		216	301	348	419
3131 Distilling, rectifying and blending spirits		...	...	...	...		...	...	...	...
3132 Wine industries		...	...	...	...		...	...	...	...
3133 Malt liquors and malt		...	...	...	...		...	...	...	...
3134 Soft drinks and carbonated waters		...	...	...	...		...	...	...	...
314 Tobacco		505	658	622	960		40	48	59	63
321 Textiles		586	421	315	315		108	124	143	171
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		250	499	240	392		43	52	62	76
323 Leather and fur products		32	72	52	52		9	10	9	10
3231 Tanneries and leather finishing		...	...	...	...		...	...	...	...
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...
3233 Leather prods. excl. wearing apparel		...	...	...	...		...	...	...	...
324 Footwear, except rubber or plastic		159	140	53	125		26	32	37	43
331 Wood products, except furniture		149	189	221	245		44	47	52	61
3311 Sawmills, planing and other wood mills		...	...	...	...		...	...	...	...
3312 Wooden and cane containers		...	...	...	...		...	...	...	...
3319 Other wood and cork products		...	...	...	...		...	...	...	...
332 Furniture and fixtures, excl. metal		41	103	59	62		21	25	28	33
341 Paper and products		596	488	381	572		104	122	146	169
3411 Pulp, paper and paperboard articles		...	...	...	...		...	...	...	...
3412 Containers of paper and paperboard		...	...	...	...		...	...	...	...
3419 Other pulp, paper and paperboard articles		...	...	...	...		...	...	...	...
342 Printing and publishing		214	290	264	360		58	67	77	94
351 Industrial chemicals		973	353	323	265		53	64	75	95
3511 Basic chemicals excl. fertilizers		...	...	...	...		...	...	...	...
3512 Fertilizers and pesticides		...	...	...	...		...	...	...	...
3513 Synthetic resins and plastic materials		...	...	...	...		...	...	...	...
352 Other chemicals		2814	2605	2392	4053		160	177	198	197
3521 Paints, varnishes and lacquers		...	...	...	...		...	...	...	...
3522 Drugs and medicines		...	...	...	...		...	...	...	...
3523 Soap, cleaning preps., perfumes, cosmetics		...	...	...	...		...	...	...	...
3529 Other chemical products		...	...	...	...		...	...	...	...
353 Petroleum refineries		1882	2742	1762	2552		22	25	26	26

Kenya

ISIC Revision 2		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
ISIC Industry	Note	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
311/2 Food products		98	98	100	102	98	98	98	114	114	114	117	...	
313 Beverages		96	100	100	100	117	116	107	112	98	95	97	...	
314 Tobacco		100	100	100	97	108	109	110	119	126	133	113	...	
321 Textiles		97	97	100	108	108	125	92	68	62	59	59	...	
322 Wearing apparel, except footwear		97	97	100	86	85	77	49	40	40	38	39	...	
323 Leather and fur products		93	93	100	107	103	93	102	69	73	65	61	...	
324 Footwear, except rubber or plastic	a/ a/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		97	97	100	107	109	108	112	108	110	110	108	...	
332 Furniture and fixtures, excl. metal		100	100	100	97	64	68	69	72	75	75	77	...	
341 Paper and products		95	95	100	108	130	91	79	77	97	99	112	...	
342 Printing and publishing		99	99	100	103	105	105	108	115	118	119	119	...	
351 Industrial chemicals		92	92	100	118	118	124	108	106	102	80	85	...	
352 Other chemicals		87	87	100	129	122	119	115	124	134	149	150	...	
353 Petroleum refineries		87	87	100	129	122	119	115	124	134	149	150	...	
354 Misc. petroleum and coal products	b/ b/	...	...	100	104	204	202	199	201	204	220	217	...
355 Rubber products		93	93	100	125	148	163	166	176	181	233	278	...	
356 Plastic products		93	93	100	125	148	163	166	176	181	233	278	...	
361 Pottery, china, earthenware		...	...	100	77	170	355	524	621	703	667	721	...
362 Glass and products		90	63	100	119	140	137	144	143	149	157	147	...	
369 Other non-metallic mineral products		96	98	100	119	140	137	144	143	149	157	147	...	
371 Iron and steel		...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		86	85	100	131	119	119	133	134	159	193	164	...	
382 Non-electrical machinery		104	104	100	76	72	71	76	59	86	67	65	...	
383 Electrical machinery		98	98	100	134	130	116	117	131	138	110	115	...	
384 Transport equipment		96	96	100	104	95	79	85	83	112	93	68	...	
385 Professional and scientific equipment		...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		96	100	100	118	118	118	118	126	152	176	204	...	
3 Total manufacturing		95	95	100	110	115	114	112	117	123	126	126	...	

a/ 323 includes 324.
b/ 353 includes 354.

KUWAIT

<p>Supplier of information: Central Statistical Office, Ministry of Planning, Safat.</p> <p>Basic source of data: Annual industrial survey.</p> <p>Major deviations from ISIC (Revision 2): None reported.</p> <p>Reference period (if not calendar year): 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>Scope: All industrial establishments in the private and public sectors, including establishments with joint private and public ownership.</p> <p>Method of enumeration: 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>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications: Annual Survey of Establishments (Industry); Statistical Abstract (annual), both published by the Central Statistical Office, Ministry of Planning, Safat.</p>
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ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees (thousand DINARS)			
	(numbers)				(numbers)				(thousand DINARS)			
	1995	1996	1997	1998	1995	1996	1997	1998	1995	1996	1997	1998
	Note				Note				Note			
ISIC Industry	295	296	299	310	7604	7767	7875	8541	16556	17431	18289	18574
311/2 Food products	4	5	5	5	254	347	352	340	580	980	1186	913
3111 Slaughtering, preparing & preserving meat	5	5	5	5	1199	1189	1190	1641	3002	3081	3126	3772
3112 Dairy products	-	-	-	-	-	-	-	-	-	-	-	-
3113 Canning, preserving of fruits & vegetables	4	4	4	5	533	528	510	820	965	1033	974	1472
3114 Canning, preserving and processing of fish	-	-	-	-	-	-	-	-	-	-	-	-
3115 Vegetable and animal oils and fats	-	-	-	-	-	-	-	-	-	-	-	-
3116 Grain mill products	-	-	-	-	-	-	-	-	-	-	-	-
3117 Bakery products	264	264	267	274	4463	4498	4562	4364	8451	8504	8739	8294
3118 Sugar factories and refineries	-	-	-	-	-	-	-	-	-	-	-	-
3119 Cocoa, chocolate and sugar confectionery	16	16	16	18	1136	1188	1243	1327	3521	3807	4230	4052
3121 Other food products	2	2	2	3	19	17	18	49	37	34	34	71
3122 Prepared animal feeds	-	-	-	-	-	-	-	-	-	-	-	-
313 Beverages	5	5	5	7	2316	2345	2261	3074	4813	4581	4754	5296
3131 Distilling, rectifying and blending spirits	-	-	-	-	-	-	-	-	-	-	-	-
3132 Wine industries	-	-	-	-	-	-	-	-	-	-	-	-
3133 Malt liquors and malt	-	-	-	-	-	-	-	-	-	-	-	-
3134 Soft drinks and carbonated waters	5	5	5	7	2316	2345	2261	3074	4813	4581	4754	5296
314 Tobacco	-	-	-	-	-	-	-	-	-	-	-	-
321 Textiles	262	264	264	261	1370	1424	1411	1446	2614	2603	2641	2713
3211 Spinning, weaving and finishing textiles	262	264	264	261	1370	1424	1411	1446	2614	2603	2641	2713
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	1896	1897	1956	1909	10720	10671	11293	11279	14871	14768	15867	17442
323 Leather and fur products	1	1	1	1	137	107	75	102	186	148	159	277
3231 Tanneries and leather finishing	1	1	1	1	137	107	75	102	186	148	159	277
3232 Fur dressing and dyeing industries	-	-	-	-	-	-	-	-	-	-	-	-
3233 Leather prods. excl. wearing apparel	-	-	-	-	-	-	-	-	-	-	-	-
324 Footwear, except rubber or plastic	3	3	3	3	87	93	89	122	98	208	201	309
331 Wood products, except furniture	106	106	104	110	1345	1441	1061	987	2431	2791	1989	1773
3311 Sawmills, planing and other wood mills	70	70	68	69	1255	1351	962	838	2257	2620	1800	1522
3312 Wooden and cane containers	-	-	-	-	-	-	-	-	-	-	-	-
3319 Other wood and cork products	36	36	36	41	90	90	99	149	164	171	189	251
332 Furniture and fixtures, excl. metal	326	327	326	330	3272	3229	3239	3476	6079	5742	5803	6923
341 Paper and products	13	14	14	13	982	1046	1062	1033	2543	2401	2520	2861
3411 Pulp, paper and paperboard articles	5	5	6	5	420	400	457	348	982	830	953	897
3412 Containers of paper and paperboard	8	9	8	8	562	646	606	685	1561	1571	1567	1964
3419 Other pulp, paper and paperboard articles	58	58	59	63	3535	3290	3289	3630	12697	12238	12756	12885
342 Printing and publishing	7	7	6	7	1304	1269	1240	1324	12719	12525	13250	14958
351 Industrial chemicals	6	6	5	6	224	216	216	289	686	714	714	973
3511 Basic chemicals excl. fertilizers	1	1	1	1	1080	1007	1024	1035	12033	11710	12536	13985
3512 Fertilizers and pesticides	-	-	-	-	-	-	-	-	-	-	-	-
3513 Synthetic resins and plastic materials	-	-	-	-	-	-	-	-	-	-	-	-
352 Other chemicals	15	15	14	13	583	568	545	470	1745	1745	1747	1686
3521 Paints, varnishes and lacquers	7	7	7	7	289	284	278	224	1047	1033	1070	916
3522 Drugs and medicines	7	7	5	6	-	-	-	-	-	-	-	-
3523 Soap, cleaning preps., perfumes, cosmetics	1	1	1	2	23	24	95	-	77	621	413	670
3529 Other chemical products	1	1	1	1	5277	5310	5143	5207	68725	65000	64178	72148

354	Misc. petroleum and coal products	6	7	9	7	248	334	548	373	547	908	1426	828
355	Rubber products	3	3	3	3	130	270	178	93	249	555	372	198
3551	Tyres and tubes	-	-	-	-	-	-	-	-	-	-	-	-
3559	Other rubber products	3	3	3	3	130	270	178	93	249	555	372	198
356	Plastic products	23	23	24	28	1862	1728	1803	1819	3455	3765	3780	3858
361	Pottery, china, earthenware	-	-	-	-	-	-	-	-	-	-	-	-
362	Glass and products	15	15	15	13	552	516	495	523	1567	1409	1485	1259
369	Other non-metallic mineral products	105	107	110	117	5204	5431	5672	5572	12191	12803	13836	14356
3691	Structural clay products	-	-	-	-	-	-	-	-	-	-	-	-
3692	Cement, lime and plaster	6	6	6	6	493	508	495	749	1623	1702	1693	2185
3699	Other non-metallic mineral products	99	101	104	111	4711	4923	5177	4823	10568	11101	12143	12171
371	Iron and steel	6	6	6	6	767	843	661	816	1700	1662	1593	1541
372	Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
381	Fabricated metal products	602	594	597	617	6068	6143	6973	7738	13337	13996	15380	16108
3811	Cutlery, hand tools and general hardware	15	15	15	18	745	656	691	761	1424	1349	1279	1264
3812	Furniture and fixtures primarily of metal	455	447	449	467	4001	4057	4628	5346	8700	8866	10219	11000
3813	Structural metal products	132	132	133	132	1322	1420	1654	1631	3213	3781	3662	3844
3819	Other fabricated metal products	23	23	22	19	5130	5506	5000	4841	7998	10377	10253	8972
382	Non-electrical machinery	-	-	-	-	-	-	-	-	-	-	-	-
3821	Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-
3822	Agricultural machinery and equipment	-	-	-	-	-	-	-	-	-	-	-	-
3823	Metal and wood working machinery	11	12	12	10	4215	4421	3949	4003	6096	8073	7746	6938
3824	Other special industrial machinery	-	-	-	-	-	-	-	-	-	-	-	-
3825	Office, computing and accounting machinery	12	11	10	9	915	1085	1051	838	1902	2304	2507	2034
3829	Other non-electrical machinery & equipment	-	-	-	-	-	-	-	-	-	-	-	-
383	Electrical machinery	35	36	37	37	1312	1325	1145	1412	3388	3497	3191	3631
3831	Electrical industrial machinery	31	32	34	34	926	953	748	1031	2112	2267	2190	2505
3832	Radio, television and communication equipa.	-	-	-	-	-	-	-	-	-	-	-	-
3833	Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	-	-
3839	Other electrical apparatus and supplies	4	4	3	3	386	372	397	381	1276	1230	1041	1126
384	Transport equipment	18	18	18	20	1463	1425	1454	1486	3610	4446	4182	4785
3841	Shipbuilding and repairing	10	10	10	8	1193	1156	1147	1241	2941	3554	3163	3873
3842	Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-
3843	Motor vehicles	8	8	8	12	270	269	317	245	669	892	1019	913
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	189	189	190	198	1169	1163	1196	1267	2503	2536	2619	2519
3901	Jewellery and related articles	173	173	174	182	1027	1025	1055	1144	2263	2297	2384	2328
3902	Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-
3903	Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-
3909	Manufacturing industries, n.e.c.	16	16	16	16	142	138	141	123	240	239	235	191
3	Total manufacturing	4013	4015	4083	4093	62137	63244	63718	66631	196622	198135	202271	215801

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ISIC Industry	Output in producers' prices					Value added in producers' prices					Gross fixed capital formation		
	(thousand DINARS)					(thousand DINARS)					(thousand DINARS)		
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
ISIC Revision 2													
311/2 Food products		100535	113089	121504	128209		40662	41159	48478	50813		6724	8847
3111 Slaughtering, preparing & preserving meat		5933	11501	12483	12883		1618	12489	3736	3774		368	319
3112 Dairy products		27240	27989	28988	29907		11700	12308	12204	11826		3010	1822
3113 Canning, preserving of fruits & vegetables		-	-	-	-		-	-	-	-		-	-
3114 Canning, preserving and processing of fish		3722	4182	6600	13271		748	1201	2228	4316		2293	2023
3115 Vegetable and animal oils and fats		-	-	-	-		-	-	-	-		-	-
3116 Grain mill products		-	-	-	-		-	-	-	-		-	-
3117 Bakery products		38237	39606	41208	38498		20818	20931	22701	20947		869	3054
3118 Sugar factories and refineries		-	-	-	-		-	-	-	-		-	-
3119 Cocoa, chocolate and sugar confectionery		23825	29183	31522	32692		5660	3624	7479	9753		50	1614
3121 Other food products		558	628	727	958		118	104	130	197		104	15
3122 Prepared animal feeds		-	-	-	-		-	-	-	-		-	-
313 Beverages		28459	29713	29787	44913		13256	14659	14532	24255		2202	4549
3131 Distilling, rectifying and blending spirits		-	-	-	-		-	-	-	-		-	-
3132 Wine industries		-	-	-	-		-	-	-	-		-	-
3133 Malt liquors and malt		-	-	-	-		-	-	-	-		-	-
3134 Soft drinks and carbonated waters		28459	29713	29787	44913		13256	14659	14532	24255		2202	4549
314 Tobacco		-	-	-	-		-	-	-	-		-	-
321 Textiles		11926	11982	13115	14058		6486	6452	6713	6621		240	266
3211 Spinning, weaving and finishing textiles		11926	11982	13115	14058		6486	6452	6713	6621		240	266
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		45169	45479	47697	53530		34553	35136	36522	39388		179	108
323 Leather and fur products		2195	1451	1168	719		922	486	393	193		919	36
3231 Tanneries and leather finishing		2195	1451	1168	719		922	486	393	193		919	36
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-
3233 Leather prods. excl. wearing apparel		-	-	-	-		-	-	-	-		-	-
324 Footwear, except rubber or plastic		250	1112	1168	844		109	539	585	404		112	12
331 Wood products, except furniture		16867	13879	8214	7774		6361	5508	3848	3578		9	48
3311 Sawmills, planing and other wood mills		16302	13278	7569	6733		5927	5032	3340	2920		9	45
3312 Wooden and cane containers		-	-	-	-		-	-	-	-		-	-
3319 Other wood and cane products		565	601	645	1041		434	476	508	658		-	3
332 Furniture and fixtures, excl. metal		28034	25508	26984	32644		14125	12603	13399	14386		1090	757
341 Paper and products		25411	22582	22359	23914		8996	7494	8400	9233		1364	591
3411 Pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		-	-
3412 Containers of paper and paperboard		12152	11051	10034	9724		3984	3345	3352	3223		324	85
3419 Other pulp, paper and paperboard articles		13259	11531	12325	14190		5012	4149	5048	6010		1040	506
342 Printing and publishing		22177	24852	24777	27868		6271	5982	6408	8436		1446	3453
351 Industrial chemicals		56372	57281	46594	45328		44370	45002	31001	22718		19072	12970
3511 Basic chemicals excl. fertilizers		3973	4255	3806	2822		2694	2822	2822	2685		81	288
3512 Fertilizers and pesticides		52399	53026	42788	39256		41676	42180	28179	19153		18991	12682
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-		-	-
352 Other chemicals		15471	16736	17688	9824		5968	6566	6731	3990		1978	344
3521 Paints, varnishes and lacquers		9682	10685	11887	5721		3546	3955	4269	2069		232	236
3522 Drugs and medicines		-	-	-	-		-	-	-	-		-	-
3523 Soap, cleaning preps., perfumes, cosmetics		4561	4873	2962	4103		1919	2095	1393	1921		158	108
3529 Other chemical products		1228	1178	2839	-		503	516	1069	-		1588	-
353 Petroleum refineries		1527950	2100408	2386446	1565266		614037	858864	975823	654487		60469	63855

354 Misc. petroleum and coal products	4003	6308	11752	10703	1844	1915	4031	3856	1208	818
355 Rubber products	2586	5377	3507	2570	718	1377	1421	602	80	48
3551 Tyres and tubes	-	-	-	-	-	-	-	-	-	-
3559 Other rubber products	2586	5377	3507	2570	718	1377	1421	602	80	48
356 Plastic products	33138	34245	35131	33904	13819	15309	17011	15871	6139	3302
361 Pottery, china, earthenware	-	-	-	-	-	-	-	-	-	-
362 Glass and products	7933	8011	7675	5999	4484	4207	3931	2870	459	454
369 Other non-metallic mineral products	112831	114283	124275	121270	44736	37379	44684	46890	7593	7933
3691 Structural clay products	35971	29453	30975	30251	10507	2837	6050	10639	2314	3866
3692 Cement, lime and plaster	76860	84830	93300	91019	34229	34542	38634	36251	5279	4067
3699 Other non-metallic mineral products	14625	11093	10252	11707	6680	4670	4238	4780	296	4539
371 Iron and steel	-	-	-	-	-	-	-	-	-	-
372 Non-ferrous metals	71557	76829	83939	89205	32939	34288	36550	37280	1502	3742
381 Fabricated metal products	-	-	-	-	-	-	-	-	-	-
3811 Cutlery, hand tools and general hardware	6620	6361	5685	5067	3009	2903	2693	2568	183	245
3812 Furniture and fixtures primarily of metal	47809	44875	51604	58350	20953	18953	22028	22478	608	1570
3813 Structural metal products	17128	25593	26650	25788	8977	12432	11829	12214	711	1927
3819 Other fabricated metal products	22524	29634	32471	27616	14006	16870	16752	14361	2056	1393
382 Non-electrical machinery	-	-	-	-	-	-	-	-	-	-
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-
3822 Agricultural machinery and equipment	-	-	-	-	-	-	-	-	-	-
3823 Metal and wood working machinery	13531	17152	16733	16097	9258	12033	11517	9725	668	696
3824 Other special industrial machinery	8993	12382	15738	11519	4748	4837	5235	4636	1388	697
3825 Office, computing and accounting machinery	34143	36543	36276	39026	11772	11707	13695	14802	822	2808
3829 Other non-electrical machinery & equipment	11537	12632	12305	14145	5107	5516	5057	5782	458	1154
383 Electrical machinery	-	-	-	-	-	-	-	-	-	-
3831 Electrical industrial machinery	22606	23911	23971	24881	6665	6191	8638	9020	364	1654
3832 Radio, television and communication equipm.	18367	22101	20925	28057	6495	6165	7429	10380	1503	3178
3833 Electrical appliances and housewares	15709	18992	17574	23068	5460	4949	5950	8662	1476	3103
3839 Other electrical apparatus and supplies	2658	3109	3351	4989	1035	1217	1479	1718	27	75
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	32403	32577	32681	9520	5947	6039	6063	5018	15	18
3901 Jewellery and related articles	31404	31597	31694	8754	5384	5473	5903	4581	6	15
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-
3909 Manufacturing industries, n.e.c.	999	980	987	766	563	566	560	437	9	3
3 Total manufacturing	2234926	2840973	3146385	2334468	939556	1180377	1308638	995212	117477	124069

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<p>Supplier of information: National Statistical Commission of the Kyrgyz Republic, Bishkek City.</p> <p>Basic source of data: Annual industrial survey.</p> <p>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).</p> <p>Reference period (if not calendar year):</p> <p>Scope: All enterprises operating under an independent regime and enterprises operating under a non-industrial organization regime.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Data refer to all surveyed enterprises.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications:</p>
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Kyrgyzstan

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	(numbers)				(numbers)				(thousand SOMS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		200	156	136	118		2474	1846	1738	1545		11323	10410	8841	9194
1511 Processing/preserving of meat		121	88	76	59		1186	668	550	438		6538	4482	3921	3288
1512 Processing/preserving of fish		6	6	6	3		131	179	79	58		507	1983	188	167
1513 Processing/preserving of fruit & vegetables		23	26	26	30		784	564	655	651		2925	2331	3401	3747
1514 Vegetable and animal oils and fats		50	36	28	26		373	435	454	398		1353	1613	1331	1992
1520 Dairy products		51	44	43	42		1376	1240	1456	1443		7999	14375	21285	26086
153 Grain mill products; starches; animal feeds		552	323	298	294		4497	4289	3329	4421		33734	42003	33092	42168
1531 Grain mill products		504	277	270	271		4010	3702	2727	4006		31428	37930	28382	37921
1532 Starches and starch products		1	1	1	1		343	383	378	258		1830	3280	3625	3729
1533 Prepared animal feeds		47	45	27	22		144	204	224	147		476	793	1085	1008
154 Other food products		132	132	116	113		5435	3568	3498	4801		42400	34653	48915	121864
1541 Bakery products		113	111	103	99		3339	2050	1995	1561		20978	11695	13324	11655
1542 Sugar		3	3	3	4		1140	835	1100	2664		16053	16921	31444	103688
1543 Cocoa, chocolate and sugar confectionery		9	7	8	7		882	601	337	308		4946	3572	2327	2372
1544 Macaroni, noodles & similar products		7	10	4	3		74	80	66	268		422	456	574	4193
1549 Other food products n.e.c.		-	1	-	-		-	2	-	-		-	-	-	-
155 Beverages		31	38	34	36		2195	2031	1955	2337		16938	23650	21799	56614
1551 Distilling, rectifying & blending of spirits		3	12	13	16		199	446	656	841		1905	4824	8040	10675
1552 Wines		12	10	10	7		834	601	675	507		5839	5627	6219	6352
1553 Malt liquors and malt		7	7	6	6		847	775	529	672		7484	10386	6540	15212
1554 Soft drinks; mineral waters		9	9	5	7		315	209	95	317		1710	2813	999	24375
1600 Tobacco products		6	6	5	7		960	1145	1512	1683		6864	12586	25742	43942
171 Spinning, weaving and finishing of textiles		16	28	19	17		12772	9401	6083	7108		97749	117518	56655	54469
1711 Textile fibre preparation; textile weaving		-	-	-	12		-	-	-	2416		-	-	-	18446
1712 Finishing of textiles		-	-	-	5		-	-	-	4692		-	-	-	36023
172 Other textiles		-	-	-	7		-	-	-	840		-	-	-	11360
1721 Made-up textile articles, except apparel		-	-	-	1		-	-	-	136		-	-	-	2493
1722 Carpets and rugs		-	-	-	1		-	-	-	270		-	-	-	4446
1723 Cordage, rope, twine and netting		-	-	-	-		-	-	-	-		-	-	-	-
1729 Other textiles n.e.c.		-	-	-	5		-	-	-	434		-	-	-	4411
1730 Knitted and crocheted fabrics and articles		9	7	6	4		1581	1204	1093	1317		16788	13538	11664	10581
1810 Wearing apparel, except fur apparel		61	64	60	54		3932	3321	2540	4098		18520	19045	17590	15320
1820 Dressing & dyeing of fur; processing of fur		4	10	8	7		354	233	102	191		2641	2256	1425	880
191 Tanning, dressing and processing of leather		3	3	3	3		912	877	624	422		7910	8847	6731	5689
1911 Tanning and dressing of leather		2	1	1	2		687	157	310	250		6111	1574	3011	3297
1912 Luggage, handbags, etc.; saddlery & harness		16	14	14	13		225	720	314	370		1799	7273	3020	2392
1920 Footwear		16	14	14	13		990	733	553	301		4867	3759	2283	3159
2010 Sawmilling and planing of wood		51	52	57	58		120	113	427	460		400	483	1759	1523
202 Products of wood, cork, straw, etc.		80	57	54	47		1148	1160	482	455		3943	3388	3306	3468
2021 Veneer sheets, plywood, particle board, etc.		58	46	44	35		491	369	382	317		2393	2047	2746	2821
2022 Builders' carpentry and joinery		3	3	4	8		46	34	45	100		207	116	124	244
2023 Wooden containers		19	8	6	4		611	757	55	38		1342	1225	436	403
2029 Other wood products; articles of cork/straw		-	-	-	-		-	-	-	-		-	-	-	-
210 Paper and paper products		1	2	2	3		78	116	90	186		442	721	666	2671
2101 Pulp, paper and paperboard		-	-	-	2		-	-	-	89		-	-	-	661
2102 Corrugated paper and paperboard		1	1	2	2		78	116	90	97		442	721	666	2009
2109 Other articles of paper and paperboard		-	-	-	1		-	-	-	-		-	-	-	-
221 Publishing of books and other publications		18	22	22	23		1250	1246	1332	1266		12010	15944	21963	25333
2211 Publishing of newspapers, journals, etc.		-	-	-	16		-	-	-	795		-	-	-	19757
2212 Publishing of newspapers, journals, etc.		-	-	-	7		-	-	-	471		-	-	-	5576
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		-	-	-	-
2219 Other publishing		-	-	-	-		-	-	-	-		-	-	-	-

Kyrgyzstan

ISIC Industry	Number of establishments (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (thousand SOMs)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
ISIC Industry															
3000 Office, accounting and computing machinery		3	2	2	2		139	140	155	359		644	903	1279	3562
3110 Electric motors, generators and transformers		13	11	10	10		2906	2370	2872	2473		14802	14811	34227	32666
3120 Electricity distribution & control apparatus		1	1	1	1		674	427	390	273		4478	3817	3964	3834
3130 Insulated wire and cable		1	1	1	1		2891	3023	3263	3363		24 105	36825	50850	61224
3140 Accumulators, primary cells and batteries		2	1	1	1		...	...	197	122		...	...	1110	898
3150 Lighting equipment and electric lamps	
3190 Other electrical equipment n.e.c.	
3210 Electronic valves, tubes, etc.		6		...	...	...	869		...	...	...	9418
3220 TV/radio transmitters; line comm. apparatus		1		...	...	...	...		...	...	...	...
3230 TV and radio receivers and associated goods		...	12	11	10		...	442	1454	434		...	1953	13483	4714
3311 Medical, measuring, testing appliances, etc.		2	4	5	7		1711	1352	1608	1640		15306	13651	22429	39373
3312 Measuring/testing/navigating appliances, etc.		1	1	1	1		...	128	127	127		...	...	1427	3543
3313 Industrial process control equipment		2	1	1	2		1711	200	186	171		15306	1992	2041	2385
3320 Optical instruments & photographic equipment		2	3	3	4		1711	1152	1296	1342		...	11659	18961	33445
3330 Watches and clocks		2		...	70	...	55		...	778	...	964
3410 Motor vehicles		3	3	3	2		1390	1248	1204	290		13515	15285	5741	5239
3420 Automobile bodies, trailers & semi-trailers		1		...	...	...	1016		...	...	...	14029
3430 Parts/accessories for automobiles	
351 Building and repairing of ships and boats		1	1	1	1		42	35	14	19		365	209	85	187
3511 Building and repairing of ships		1	1	1	1		42	35	14	19		365	209	85	187
3512 Building/repairing of pleasure/sport. boats	
3520 Railway/tramway locomotives & rolling stock		1	1	1	1		28	27	8	3		308	412	141	28
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		8	7	7	5		1018	816	578	531		6578	5994	5429	5776
369 Manufacturing n.e.c.		52	38	35	21		422	853	810	723		3092	8802	5619	6375
3691 Jewellery and related articles		1	1	1	1		...	...	19	31		...	450	734	1780
3692 Musical instruments	
3693 Sports goods	
3694 Games and toys	
3699 Other manufacturing n.e.c.		51	37	34	20		422	835	791	692		3092	8352	4885	4595
3710 Recycling of metal waste and scrap		1	1	2	3		59	51	60	76		554	552	702	930
3720 Recycling of non-metal waste and scrap	
D Total manufacturing		1703	1403	1320	1236		81200	69752	63167	68034		629595	662715	715121	958697

Kyrgyzstan

ISIC Industry	Output in producers' prices (million SOMs)				Value added (million SOMs)				Gross fixed capital formation (million SOMs)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		132.1	114.4	130.6	184.2		...	...	...	...
1511 Processing/preserving of meat		88.5	63.4	64.3	61.4		...	...	...	...
1512 Processing/preserving of fish		1.7	1.5	1.0	0.4		...	...	...	...
1513 Processing/preserving of fruit & vegetables		28.5	15.2	24.6	37.6		...	...	...	...
1514 Vegetable and animal oils and fats		13.4	34.4	40.7	84.7		...	...	...	...
1520 Dairy products		139.1	216.4	218.6	283.6		...	...	...	...
153 Grain mill products		975.1	1090.9	753.4	976.5		...	...	...	...
1531 Grain mill products		911.9	988.7	679.8	907.5		...	...	...	...
1532 Starches and starch products		17.3	20.4	14.2	48.7		...	...	...	...
1533 Prepared animal feeds		540.1	321.2	472.1	20.4		...	...	...	...
154 Other food products		162.4	88.4	76.0	75.8		...	...	...	...
1541 Bakery products		293.4	156.9	317.9	1176.2		...	...	...	...
1542 Sugar		78.6	68.7	68.8	71.1		...	...	...	...
1543 Cocoa, chocolate and sugar confectionery		5.7	7.2	9.4	49.3		...	...	...	...
1544 Macaroni, noodles & similar products		-	0.1	-	-		...	...	...	...
1549 Other food products n.e.c.		245.9	314.5	281.9	551.3		...	...	...	...
155 Beverages		50.8	96.1	155.2	185.4		...	...	...	...
1551 Distilling, rectifying & blending of spirits		108.3	77.6	83.5	73.8		...	...	...	...
1552 Wines		59.5	94.1	37.3	120.6		...	...	...	...
1553 Malt liquors and malt		27.2	46.8	5.9	171.6		...	...	...	...
1554 Soft drinks; mineral waters		143.6	351.8	627.7	901.1		...	...	...	...
1600 Tobacco products		844.1	1324.2	1073.9	1254.2		...	...	...	...
171 Spinning, weaving and finishing of textiles		705.1		...	...	...	...
1711 Textile fibre preparation; textile weaving		549.1		...	...	...	...
172 Finishing of textiles		51.9		...	...	...	...
1721 Made-up textile articles, except apparel		10.1		...	...	...	...
1722 Carpets and rugs		13.6		...	...	...	...
1723 Cordage, rope, twine and netting		-	
1729 Other textiles n.e.c.		28.2		...	...	...	...
1730 Knitted and crocheted fabrics and articles		68.2	62.1	43.3	40.6		...	...	...	...
1810 Wearing apparel, except fur apparel		82.4	90.3	61.1	59.0		...	...	...	...
1820 Dressing & dyeing of fur; processing of fur		8.8	8.8	4.2	2.5		...	...	...	...
191 Tanning, dressing and processing of leather		56.2	57.3	29.6	32.9		...	...	...	...
1911 Tanning and dressing of leather		37.0	10.6	8.1	25.7		...	...	...	...
1912 Luggage, handbags, etc.; saddlery & harness		19.3	46.7	21.6	7.1		...	...	...	...
1920 Footwear		21.9	17.0	6.2	9.1		...	...	...	...
2010 Sawmilling and planing of wood		1.8	2.1	15.2	15.6		...	...	...	...
202 Products of wood, cork, straw, etc.		13.2	10.8	14.6	13.3		...	...	...	...
2021 Veneer sheets, plywood, particle board, etc.		-	-	-	-	
2022 Builders' carpentry and joinery		8.2	7.4	11.4	9.7		...	...	...	...
2023 Wooden containers		0.5	0.2	0.9	0.2		...	...	...	...
2029 Other wood products; articles of cork/straw		4.5	3.3	2.3	0.9		...	...	...	...
210 Paper and paper products		2.5	3.6	3.1	10.4		...	...	...	...
2101 Pulp, paper and paperboard		-	-	3.1	1.9		...	...	...	...
2102 Corrugated paper and paperboard		2.5	3.6	3.1	8.5		...	...	...	...
2109 Other articles of paper and paperboard		-	-	-	-	
221 Publishing of books and other publications		47.6	57.4	75.3	88.3		...	...	...	...
2211 Publishing of newspapers, journals, etc.		71.9		...	...	...	...
2212 Publishing of newspapers, journals, etc.		16.3		...	...	...	...
2213 Publishing of recorded media		-	
2219 Other publishing		-	

continued

292 Special purpose machinery	256.1	275.0	287.4	234.4	...	...	...	...	...
2921 Agricultural and forestry machinery	63.4	60.8	70.7	63.0	...	...	...	...	...
2922 Machine tools	109.6	111.1	109.4	110.9	...	...	...	...	...
2923 Machinery for metallurgy	1.9	-	-	-	...	...	...	...	...
2924 Machinery for mining & construction	21.2	22.2	24.3	46.7	...	...	...	...	...
2925 Food/beverage/tobacco processing machinery	-	-	-	10.3	...	...	...	...	...
2926 Machinery for textile, apparel and leather	-	-	-	-	...	...	...	...	...
2927 Weapons and ammunition	60.0	80.8	83.0	3.6	...	...	...	...	...
2929 Other special purpose machinery	29.2	34.6	33.8	39.7	...	...	...	...	...
2930 Domestic appliances n.e.c.	9.2	16.0	15.9	10.3	...	...	...	...	...
3000 Office, accounting and computing machinery	63.1	58.7	50.7	72.7	...	...	...	...	...
3110 Electric motors, generators and transformers	40.8	20.8	27.1	23.6	...	...	...	...	...
3120 Electricity distribution & control apparatus	190.6	298.1	333.3	452.0	...	...	...	...	...
3130 Insulated wire and cable	...	...	16.3	6.9	...	...	...	...	...
3140 Accumulators, primary cells and batteries	...	...	...	...	...	...	...	...	...
3150 Lighting equipment and electric lamps	...	...	...	...	...	...	...	...	...
3190 Other electrical equipment n.e.c.	...	...	...	...	...	...	...	...	...
3210 Electronic valves, tubes, etc.	...	...	...	27.5	...	...	...	...	...
3220 TV/radio transmitters; line comm. apparatus	...	6.2	7.7	0.3	...	...	...	...	...
3230 TV and radio receivers and associated goods	...	...	...	45.5	...	...	...	...	...
3311 Medical, measuring, testing appliances, etc.	42.9	74.5	139.5	335.8	...	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	...	6.1	14.3	13.1	...	...	...	...	...
3313 Industrial process control equipment	42.9	68.4	6.2	4.4	...	...	...	...	...
3320 Optical instruments & photographic equipment	...	...	119.0	318.3	...	...	...	...	...
3330 Watches and clocks	...	...	...	3.1	...	...	...	...	...
3410 Motor vehicles	47.5	75.0	81.5	17.5	...	...	...	...	...
3420 Automobile bodies, trailers & semi-trailers	...	...	...	55.6	...	...	...	...	...
3430 Parts/accessories for automobiles	...	...	...	...	...	...	...	...	...
3511 Building and repairing of ships and boats	0.6	0.8	0.2	0.4	...	...	...	...	...
3512 Building and repairing of ships	0.6	0.8	0.2	0.4	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	2.0	3.0	2.0	0.6	...	...	...	...	...
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	25.0	29.2	24.6	30.9	...	...	...	...	...
369 Manufacturing n.e.c.	44.2	33.5	43.4	30.2	...	...	...	...	...
3691 Jewellery and related articles	3.3	3.2	5.0	6.7	...	...	...	...	...
3692 Musical instruments	...	...	...	...	...	...	...	...	...
3693 Sports goods	...	...	...	...	...	...	...	...	...
3694 Games and toys	...	...	...	...	...	...	...	...	...
3699 Other manufacturing n.e.c.	40.9	30.4	38.4	23.5	...	...	...	...	...
3710 Recycling of metal waste and scrap	4.4	4.9	2.9	5.7	...	...	...	...	...
3720 Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...	...
D Total manufacturing	5238.2	8942.2	10304.8	16294.3	...	...	...	...	...

LAO PEOPLE'S DEMOCRATIC REPUBLIC

<p>Supplier of information: Statistics and Planning Division, Ministry of Industry and Handicrafts, Vientiane.</p> <p>Basic source of data: Survey of industrial establishments.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Establishments with 10 or more persons engaged.</p> <p>Method of enumeration: Establishments with 100 or more persons engaged are completely enumerated. Establishments with less than 100 persons engaged are surveyed on a sample basis.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications:</p>
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Lao People's Democratic Republic

ISIC Industry	Number of establishments (numbers)			Number of employees (numbers)			Wages and salaries paid to employees (million KIPS)			
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Revision 3										
15 Food and beverages		74		...	...	...	6262
16 Tobacco products		8		...	...	...	2687
17 Textiles		5		...	...	...	1116
18 Wearing apparel, fur		44		...	...	...	42371
19 Leather, leather products and footwear		1		...	...	...	...
20 Wood products (excl. furniture)		79		...	...	...	19277
21 Paper and paper products		5		...	...	...	684
22 Printing and publishing		8		...	...	...	993
23 Coke, refined petroleum products, nuclear fuel	
24 Chemicals and chemical products		23		...	...	...	3703
25 Rubber and plastics products		11		...	...	...	1300
26 Non-metallic mineral products		97		...	...	...	5156
27 Basic metals		4		...	...	...	2693
28 Fabricated metal products		9		...	...	...	1113
29 Machinery and equipment n.e.c.		7		...	...	...	952
30 Office, accounting and computing machinery		1		...	...	...	...
31 Electrical machinery and apparatus		2		...	...	...	209
32 Radio, television and communication equipment	
33 Medical, precision and optical instruments		1		...	...	...	...
34 Motor vehicles, trailers, semi-trailers		9		...	...	...	3226
35 Other transport equipment		4		...	...	...	1123
36 Furniture; manufacturing n.e.c.		18		...	...	...	...
37 Recycling	
D Total manufacturing		410		...	...	...	93993

Lao People's Democratic Republic

ISIC Industry	Output in producers' prices (million KIPS)				Value added in producers' prices (million KIPS)				Gross fixed capital formation (million KIPS)		
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	
		1996	1997	1998	1999		1996	1997	1998	1999	
ISIC Revision 3											
15 Food and beverages		233439	...	...	...	157860	...	32013
16 Tobacco products		74670	...	...	...	56030	...	4552
17 Textiles		4836	...	...	...	2758	...	313
18 Wearing apparel, fur		411566	...	...	...	100112	...	14310
19 Leather, leather products and footwear	
20 Wood products (excl. furniture)		189024	...	...	...	17187	...	6569
21 Paper and paper products		5438	...	...	...	299	...	2059
22 Printing and publishing		11705	...	...	...	4658	...	978
23 Coke, refined petroleum products, nuclear fuel	
24 Chemicals and chemical products		31755	...	...	...	12739	...	2010
25 Rubber and plastics products		24849	...	...	...	7267	...	1900
26 Non-metallic mineral products		58355	...	...	...	36089	...	5382
27 Basic metals		23875	...	...	...	12376	...	811
28 Fabricated metal products		43515	...	...	...	14675	...	1110
29 Machinery and equipment n.e.c.		9342	...	...	...	2355	...	118
30 Office, accounting and computing machinery	
31 Electrical machinery and apparatus		6108	...	...	...	696	...	...
32 Radio, television and communication equipment	
33 Medical, precision and optical instruments	
34 Motor vehicles, trailers, semi-trailers		69990	...	...	...	22750	...	2029
35 Other transport equipment		32226	...	...	...	12537	...	109
36 Furniture, manufacturing n.e.c.	
37 Recycling	
D Total manufacturing		1243517	...	...	...	468273	...	80628

LATVIA

<p>Supplier of information: Central Statistical Bureau of Latvia, Riga.</p> <p>Basic source of data: Annual survey of all enterprises with industrial activity.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: All establishments with industrial production, excluding individual producers.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: No.</p>	<p>Concepts and definitions of variables: <u>Number of establishments:</u> All industrial auxiliary activities of a non-industrial enterprise are classified as belonging to one industrial branch, according to the prevailing kind of industrial production. <u>Number of employee</u> is the average annual number of paid employees at the main job. <u>Wages and salaries</u> is the compensation for the results of work done, monthly wages and salaries (post salaries, wage rates) for time worked, holiday pay, sick pay, perquisites, incentive payments and the sum of social security payments made by employees and personal income tax. <u>Output</u> is census output excluding VAT. <u>Value added</u> is the difference between the value of output and census inputs, which consists of the industrial materials, industrial services, fuel and power used in the production of the output.</p> <p>Related national publications:</p>
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222	Printing and related service activities	122	115	244	248	2797	2849	3050	4260	4292	5043	5894	8623
2221	Printing	101	74	178	218	2680							
2222	Service activities related to printing	21	41	86	30	117							
2230	Reproduction of recorded media	5	4	4	9	78	78	44	33	35	66	45	36
2310	Coke oven products	-	-	-	-	-	-	-	-	-	-	-	-
2320	Refined petroleum products	3	1	4	9	107							407
2330	Processing of nuclear fuel	-	-	-	-	-	-	-	-	-	-	-	-
241	Basic chemicals	16	22	26	18	357	387	364	547	312	350	355	666
2411	Basic chemicals, except fertilizers	16	22	26	18	357		364	547			355	666
2412	Fertilizers and nitrogen compounds	-	-	-	-	-	-	-	-	-	-	-	-
2413	Plastics in primary forms; synthetic rubber	-	-	-	-	-	-	-	-	-	-	-	-
242	Other chemicals	70	81	86	66	4026	4073	3596	2932	6591	7729	7041	5758
2421	Pesticides and other agro-chemical products	1					5			2	7		
2422	Paints, varnishes, printing ink and mastics	12	18	25	14	556	570	647	621	970	1109	1366	1065
2423	Pharmaceuticals, medicinal chemicals, etc.	23	29	33	22	2125	2125	2125	1631	3763	4191	3467	3467
2424	Soap, cleaning & cosmetic preparations	19	16	21	17	1101	1089	668	603	1510	1753	1235	1144
2429	Other chemical products n.e.c.	15	6	6	13	182	197	156	77	345	283	345	82
2430	Man-made fibres	1	1	2	3		3541	3100	2693	4368	4058		
251	Rubber products	11	15	18	16	154	154	221	212	156	199	247	382
2511	Rubber tyres and tubes	3	-	-	-	25							
2519	Other rubber products	8	15	18	16	129		221	212			247	382
2520	Plastic products	46	67	62	68	1273	1353	1549	1349	1425	1629	1649	1616
2610	Glass and glass products	20	17	18	20	1027	906	934	973	755	945	1501	1449
269	Non-metallic mineral products n.e.c.	108	136	164	149	4534	3232	3172	3405	4369	4044	4479	4653
2691	Pottery, china and earthenware	17	26	46	22	1247							
2692	Refractory ceramic products	2	2	5	8	19							
2693	Struct. non-refractory clay; ceramic products	10	10	8	8	1007	451	615	572	921	755	1023	1107
2694	Cement, lime and plaster	4	2	1	1	362	640	439	271	984	1147	2718d/	2739d/
2695	Articles of concrete, cement and plaster	49	57	66	67	1769	1283	1228	1564	1368	1385	121d/	1077
2696	Cutting, shaping & finishing of stone	24	39	29	35	126	64	123	102	128	61	121	107
2699	Other non-metallic mineral products n.e.c.	2	-	-	-	4				4			221
2710	Basic iron and steel	1	1	1	7e/								
2720	Basic, precious and non-ferrous metals	5	6	6	e/	105							
273	Casting of metals	1	1	1	e/								
2731	Casting of iron and steel	4	1	6		105							
2732	Casting of non-ferrous metals		5										
281	Struct. metal products: tanks, steam generators	50	69	80	135	829	894	1095	1236	678	833	1328	1505
2811	Structural metal products	36	57	48	106	527	654	805	850	426	523	937	1007
2812	Tanks, reservoirs and containers of metal	4	8	23	23	63	89	222	297	90	66	212	260
2813	Steam generators	10	4	9	6	239	151	68	89	162	243	179	238
289	Other metal products: metal working services	153	201	170	184	4543	4124	4667	4288	4591	5708	6491	5876
2891	Metal forging/pressing/stamping/roll-forming	2	6	3	4		11	104	33	10	11	116	35
2892	Treatment & coating of metals	24	28	22	40	283	277	265	252	255	302	217	272
2893	Cutlery, hand tools and general hardware	19	39	33	32	1414	820	1116	1070	760	1051	1399	1356
2899	Other fabricated metal products n.e.c.	108	128	112	108	2833	3016	3182	2933	3566	4344	4760	4214
291	General purpose machinery	60	77	106	62	3558	3508	3626	3204	4945	5392	5917	4506
2911	Engines & turbines (not for transport equip.)	8	16	11	7	713							
2912	Pumps, compressors, taps and valves	11	8	17	16	498							
2913	Bearings, gears, gearing & driving elements	2	10	11	5								
2914	Ovens, furnaces and furnace burners	-	-	3	6								
2915	Lifting and handling equipment	30	17	26	18	257							
2919	Other general purpose machinery	155	26	38	10	783							
292	Special purpose machinery	99	80	96	116	7551	6599	5670	3187	8219	8071	7373	4892
2921	Agricultural and forestry machinery	27	21	20	21f/	4005	1860	1478	992	2467	1871	5771f/	3560f/
2922	Machine tools	2	1	1	f/		4118	4192f/	2195f/	5041	5566	f/	f/
2923	Machinery for metallurgy	3	1	1	3	106							
2924	Machinery for mining & construction	13	5	2	2	234							
2925	Food/beverage/tobacco processing machinery	-	-	5	5								
2926	Machinery for textile, apparel and leather	-	-	-	-								
2927	Weapons and ammunition	11	7	5	17	114							
2929	Other special purpose machinery	11	7	5	17	97	102	46	88	135	154	72	45
2930	Domestic appliances n.e.c.												

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ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees						
	(numbers)				(numbers)				(thousand LATS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry															
3000 Office, accounting and computing machinery		8	7	15	17		92	116	109	155		96	147	190	219
3110 Electric motors, generators and transformers		18	23	32	12		2691	...	...	...		...	...	...	...
3120 Electricity distribution and control apparatus		12	10	9	22		1488	...	...	...		...	...	...	...
3130 Insulated wire and cable		1	-	2	3		...	...	...	...		...	...	...	...
3140 Accumulators, primary cells and batteries		18	19	12	7		1007	...	...	...		...	...	...	...
3150 Lighting equipment and electric lamps		18	10	10	21		68	...	...	...		...	...	...	...
3190 Other electrical equipment n.e.c.		4	7	7	20		425	...	...	...		...	...	...	...
3210 Electronic valves, tubes, etc.		33	14	30	29		4312	...	...	...		...	...	...	...
3220 TV/radio transmitters; line comm. apparatus		21	17	24	15		1273	...	...	...		...	...	...	...
3230 TV and radio receivers and associated goods		73	62	100	67		606	...	...	...		...	...	...	...
3311 Medical, measuring, testing appliances, etc.		35	27	43	21		414	...	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		37	30	57	39		192	...	...	...		...	...	...	...
3313 Industrial process control equipment		6	2	1	8		113	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		1	1	5	-		...	...	...	...		...	...	...	...
3330 Watches and clocks		5	5	3	1		2096	...	...	...		...	...	...	...
3410 Motor vehicles		13	8	11	3		210	...	...	...		...	...	...	...
3420 Automobile bodies, trailers & semi-trailers		7	10	3	10		51	...	...	...		...	...	...	...
3430 Parts/accessories for automobiles		34	45	62	48		3263	3222	3406	3207		4480	4699	5822	5003
351 Building and repairing of ships and boats		20	38	44	48		3148	...	...	3207		...	...	...	5003
3511 Building and repairing of ships		14	7	18	14		115	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		3520 Railway/tramway locomotives & rolling stock	9	11	10	15	5832	5659	4431	2914		7528	6127	5076	3774
3530 Aircraft and spacecraft		2	3	4	3		3	5	8	2		16	9	4	-
359 Transport equipment n.e.c.		5	4	4	3		363	247	167	93		362	230	158	118
3591 Motorcycles		2	2	2	2		...	...	...	...		...	...	...	...
3592 Bicycles and invalid carriages		2	1	2	2		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		1	1	1	1		...	...	...	...		...	...	...	...
3610 Furniture		169	195	208	237		5380	4736	4352	5315		4645	5609	6042	7003
369 Manufacturing n.e.c.		69	71	1876	66		1811	1734	1876	1844		1897	1859	2358	2594
3691 Jewellery and related articles		17	16	13	181		249	198	195	181		276	255	209	215
3692 Musical instruments		5	7	6	7		90	82	65	68		93	77	84	97
3693 Sports goods		5	4	6	4		45	46	36	17		17	16	16	39
3694 Games and toys		16	19	21	19		345	325	440	464		329	413	590	673
3699 Other manufacturing n.e.c.		26	25	33	24		1082	1083	1140	1108		1181	1096	1460	1570
3710 Recycling of metal waste and scrap		21	28	28	28		378	...	...	...		...	...	...	...
3720 Recycling of non-metal waste and scrap		10	1	...	4		54	...	...	...		...	...	...	...
D Total manufacturing		3763	4181	4486	4484		153005	152014	152923	141295		195883	224626	236030	221385

a/ 1513 includes 1514.
 b/ 1531 includes 1532.
 c/ 1551 includes 1552.
 d/ 2694 includes 2695.
 e/ 2710 includes 2720 and 273.
 f/ 2922 includes 2923.

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ISIC Revision 3

ISIC Industry	Output in producers' prices (thousand LATS)				Value added in factor values (thousand LATS)				Gross fixed capital formation (thousand LATS)				
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1997	1998
		1996	1997	1998	1999		1996	1997	1998	1999			
151 Processed meat, fish, fruit, vegetables, fats		173653	214416	192590	146778		61237	72362	54615	38182		15671	17756
1511 Processing/preserving of meat		67376	68447	67140	68442		19520	19554	15641	15195		3036	4222
1512 Processing/preserving of fish		81224	107260	83459	50070		32836	36780	24193	11121		5416	4591
1513 Processing/preserving of fruit & vegetables		24854	37737	41990a/	20065a/		8818	15502	14781a/	11866a/		7127	8943a/
1514 Vegetable and animal oils and fats													a/
1520 Dairy products		88108	97742	103508	84402		26944	32463	30539	21173		5200	6422
153 Grain mill products		48704	49446	39114	37780		10880	15029	12393	14400		2195	2602
1531 Grain mill products		40667	35959	26970b/	27664b/		12933	10852	7649b/	8474b/		1775	1719b/
1532 Starches and starch products													b/
1533 Prepared animal feeds		6401	11868	12144	10117		-2368	3538	3648	2926		141	862
154 Other food products		112431	148261	143653	123918		62313	62313	56868	50829		14798	16212
1541 Bakery products		59221	65709	64699	63755		26351	30890	29769	27244		4025	6136
1542 Sugar		17070	25435	29509	23859		5042	8995	11294	10200		5065	7164
1543 Cocoa, chocolate and sugar confectionery		28170	34864	23799	15567		11021	13466	6725	6725		2295	1633
1544 Macaroni, noodles & similar products			1765	2358	2752			733	821	652		147	177
1549 Other food products n.e.c.		7970	20488	23287	17985		2524	8230	80952	6008		3267	1103
155 Beverages		61775	76768	78801	76799		59848	59848	40416	40416		7706	11226
1551 Distilling, rectifying & blending of spirits		28864	31413	47661c/	38691c/		28183	16108	59716c/	17121c/		3118	5330c/
1552 Wines		15943	17236	28574	34498		14662	17257	19635	21566		979	5754
1553 Malt liquors and malt		20258	25929	2567	3610		1133	1041	1601	1727		202	141
1554 Soft drinks; mineral waters		2711											
1600 Tobacco products													
171 Spinning, weaving and finishing of textiles		19912	23703	62531	43524		8724	11582	28042	20911		3135	3979
1711 Textile fibre preparation; textile weaving		19912	23699	31188	25821		8724	11581	23496	11439		3135	3416
1712 Finishing of textiles				31343	17703				4546	9471			563
172 Other textiles		32577	37518	19784	16159		13614	15068	8196	5163		3056	2665
1721 Made-up textile articles, except apparel		9307	11027	960	13975		3265	4348	429	4422		745	824
1722 Carpets and rugs													
1723 Carpets, rope, twine and netting		60	871	378	663		49	228	150	176		10	1
1729 Other textiles n.e.c.		23210	25621	18446	15211		10300	10493	7618	564		2301	1840
1730 Knitted and crocheted fabrics and articles		28587	27486	8150	19338		10390	13272	3076	7759		607	786
1810 Wearing apparel, except fur apparel		31732	41577	50216	50071		20501	26323	30446	28449		3397	3223
1820 Dressing & dyeing of fur; processing of fur		845	515	405	512		642	336	253	-38		27	43
191 Tanning, dressing and processing of leather		3779	3022	2148	1786		1221	951	615	603		51	23
1911 Tanning and dressing of leather		2435	1728	992	333		465	333	191	3		33	2
1912 Luggage, handbags, etc.; saddlery & harness		1344	1294	1156	1453		756	642	424	600		17	21
1920 Footwear		10015	7593	6389	3498		4912	3136	2314	513		360	404
2010 Sawmilling and planing of wood		74354	137755	171068	194263		23343	46421	64439	53218		13398	23905
202 Products of wood, cork, straw, etc.		58755	82686	97330	98018		21111	40361	42492	37978		47854	9616
2021 Veneer sheets, plywood, particle board, etc.		50750	65654	82978	80578		20503	35283	37620	32463		47025	8417
2022 Builders' carpentry and joinery		5646	10201	10926	7959		2677	4195	3776	2226		951	933
2023 Wooden containers		1008	1296	1888	4514		257	434	551	1716		36	207
2029 Other wood products; articles of cork/straw		1352	1535	1541	4967		674	450	546	1573		242	59
210 Paper and paper products		14244	24906	24780	21872		5103	9741	7244	6999		2007	2581
2101 Pulp, paper and paperboard		2038	1496	16769d/	17587d/		921	660	4440d/	5493d/		110	1680d/
2102 Corrugated paper and paperboard		5951	16339	8011	4285		1603	7042	2804	1501		539	901
2109 Other articles of paper and paperboard		6256	7071				2579	2038				1358	
221 Publishing		33182	38538	46056	39580		17910	16028	18822	16923		2433	3766
2211 Publishing of books and other publications		8670	9410	12552	11789		3682	4911	4911	5040		445	859
2212 Publishing of newspapers, journals, etc.		23329	25230	30303	26888		13468	11103	12013	11370		1832	2913
2213 Publishing of recorded media			1623	568	864			281	281	502		109	5
2219 Other publishing		1183	2375	2633	29		561	794	1617	11		48	190

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ISIC Industry	Output in producers' prices (thousand LATS)				Value added in factor values (thousand LATS)				Gross fixed capital formation (thousand LATS)				
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1997	1998
222 Printing and related service activities		17912	24408	41867	46978		10374	11912	19290	20276		6549	7074
2221 Printing		17478	23835	39123	45196		10183	11773	18943	19211		6486	6812
2222 Service activities related to printing		435	574	2744	1782		191	139	447	1065		64	262
2230 Reproduction of recorded media		321	257	121	478		87	124	98	170		42	29
2310 Coke oven products		-	-	-	148		533	-	460	-		-	102
2320 Refined petroleum products		-	-	-	-		-	-	-	-		-	-
2330 Processing of nuclear fuel		-	-	-	-		-	-	-	-		-	-
241 Basic chemicals		1129	2712	4098	3194		400	999	1075	1284		74	300
2411 Basic chemicals, except fertilizers		1129	2712	4098	3194		400	999	1075	1284		74	300
2412 Fertilizers and nitrogen compounds		-	-	-	-		-	-	-	-		-	-
2413 Plastics in primary forms; synthetic rubber		40682	65301	39894	33934		19308	35220	15800	15861		1465	4172
242 Other chemicals		12091	18295	14504	11846		4165	4394	3240	4883		233	969
2421 Pesticides and other agro-chemical products		19353	37659	17717	14379		11648	25977	9433	7579		815	2652
2422 Paints, varnishes, printing ink and mastics		7653	7733	6998	6657		2863	4330	3052	2892		333	546
2423 Pharmaceuticals, medicinal chemicals, etc.		1562	1615	675	1052		614	519	75	508		84	4
2424 Soap, cleaning & cosmetic preparations		-	-	-	8659		-	-	-	-305		-	-
2429 Other chemical products n.e.c.		543	1855	2453	1889		182	712	935	610		107	314
2430 Man-made fibres		146	-	-	-		25	-	-	-		-	-
251 Rubber products		397	1855	2453	1889		157	712	935	610		107	314
2511 Rubber tyres and tubes		8766	13343	20124	22378		4020	4674	6519	6567		107	1918
2519 Other rubber products		-	-	-	-		-	-	-	-		-	-
2520 Plastic products		6291	7828	13519	8770		2101	3759	7139	3275		2376	5266
2610 Glass and glass products		23639	23334	34261	38827		11042	9214	14712	13528		2063	7437
269 Non-metallic mineral products n.e.c.		2124	1375	1907	1627		1281	732	1052	952		48	148
2691 Pottery, china and earthenware		2643	3230	4016	3964		1570	1819	2236	1777		175	289
2692 Refractory ceramic products		8876	8876	24334e/	26149e/		3968	2087	9823e/	8289e/		1186	5662e/
2693 Struct. non-refractory clay; ceramic products		9619	11549	311	607		3921	4397	187	204		98	23
2694 Cement, lime and plaster		369	325	3657	5861		302	177	1392	2178		-	374
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		-	-	-	79142f/		-	-	-	21434f/		-	-
2720 Basic precious and non-ferrous metals		-	-	-	...f/		-	-	-	...f/		-	-
273 Casting of metals		1017	2454	8442	...f/		323	386	604	...f/		209	154
2731 Casting of iron and steel		996	2454	8442	...f/		308	386	604	...f/		209	154
2732 Casting of non-ferrous metals		4991	7438	12395	12215		3014	4093	5659	5762		365	1414
281 Structural metal products; tanks; steam generators		3560	4981	8590	10023		2155	2678	4012	4595		253	1194
2811 Structural metal products		157	1813	2378	1669		132	1001	998	790		52	72
2812 Tanks, reservoirs and containers of metal		1285	644	1427	523		724	415	650	377		60	148
2813 Steam generators		28688	53454	52215	33235		13160	22153	20716	10161		2619	3113
289 Other metal products; metal working services		1141	1690	1293	1668		694	643	642	1005		57	69
2891 Metal forging/pressing/stamping/roll-forming		3083	6026	6579	4329		1879	3188	3286	2124		76	157
2892 Treatment & coating of metals		24639	45219	44259	23147		10566	18061	16738	6314		2287	2606
2893 Cutlery, hand tools and general hardware		18229	25204	27555	17229		11426	14614	13690	8670		969	2039
2899 Other fabricated metal products n.e.c.		2973	4929	4767	3025		1938	4767	3412	1353		96	162
291 General purpose machinery		1874	2005	2028	1209		1360	1350	1336	511		33	5
2911 Engines & turbines(not for transport equip.)		-	-	-	6636		-	-	-	3821		-	665
2912 Pumps, compressors, taps and valves		-	-	-	351		-	-	-	217		-	-
2913 Bearings, gears, gearing & driving elements		-	-	-	4498		-	-	-	142		-	-
2914 Ovens, furnaces and furnace burners		1452	4654	9877	4498		929	2188	4088	1341		349	319
2915 Lifting and handling equipment		3681	4438	2302	1509		2055	2435	1321	1428		102	888
2919 Other general purpose machinery		-	-	-	-		-	-	-	-		-	-

292 Special purpose machinery	32917	29903	24711	19398	15263	11889	11072	8405	2087	4190
2921 Agricultural and forestry machinery	7938	5119	5657	5682	3724	1720	2625	1908	113	286
2922 Machine tools	22143	22409	14779g/	7746g/	9511	8955	5335g/	2923g/	1943	2265g/
2923 Machinery for metalurgy	901	990	379	732	795	488	273	363	211	3
2924 Machinery for mining & construction	1106	990	146	168	661	73	167	5	21	21
2925 Food/beverages/tobacco processing machinery	-	439	3750	5061	166	270	2673	3132	-	1626
2926 Machinery for textile, apparel and leather	840	482	261	146	343	78	107	64	54	8
2927 Weapons and ammunition	-	-	-	-	-	-	-	-	-	-
2929 Other special purpose machinery	4825	4856	3978	2741	969	911	748	266	33	202
2930 Domestic appliances n.e.c.	11333	16967	13424	1400	6871	8948	5842	1024	277	224
3000 Office, accounting and computing machinery	7858	10176	14105	11800	3438	4764	6635	3788	420	1064
3110 Electric motors, generators and transformers	-	-	-	-	-	-	-	-	-	-
3120 Electricity distribution & control apparatus	-	-	681	744	-	-	314	388	-	91
3130 Insulated wire and cable	4227	5749	4822	2414	1658	4448	1941	904	653	458
3140 Accumulators, primary cells and batteries	136	823	1008	5087	96	288	217	1939	2	6
3150 Lighting equipment and electric lamps	978	3344	607	1909	644	784	114	1120	198	33
3190 Other electrical equipment n.e.c.	12324	8776	7373	3715	5175	5175	3822	1303	194	398
3210 Electronic valves, tubes, etc.	7402	11799	10007	1332	744	1513	1351	692	35	168
3220 TV/radio transmitters; line comm. apparatus	3428	3281	9069	9956	1749	1846	4654	4473	148	319
3230 TV and radio receivers and associated goods	2892	1949	2877	3818	1937	1115	1727	2086	65	126
331 Medical, measuring, testing appliances, etc.	537	973	6192	5134	353	603	2927	2063	64	193
3311 Medical, surgical and orthopaedic equipment	-	359	360h/	1004	261	128	179h/	324	18	-
3312 Measuring/testing/navigating appliances, etc.	382	359	360h/	416	261	416	179h/	143	-	122h/
3313 Industrial process control equipment	-	-	...	-	...	...	...	-	-	...
3320 Optical instruments & photographic equipment	5785	1146	374	2073	907	181	72	713	573	435
3330 Watches and clocks	2725	6196	7181	221	1234	1427	2870	54	262	470
3410 Motor vehicles	192	491	91	221	110	347	47	54	12	-
3420 Automobile bodies, trailers & semi-trailers	17957	24141	30236	27766	11455	15426	15614	12394	1572	1811
3430 Parts/accessories for automobiles	17468	24005	30114	27766	11325	15376	15590	12394	1572	1806
351 Building and repairing of ships and boats	489	137	121	-	130	49	23	-	-	5
3511 Building/repairing of ships	30219	16615	13927	9951	14474	6366	5260	4762	185	439
3512 Building/repairing of pleasure/sport. boats	-	-	-	64	-	-	3	39	10	-
3520 Railway/tramway locomotives & rolling stock	904	903	681	195	53	249	237	33	20	-
3530 Aircraft and spacecraft	-	-	-	-	-	-	-	-	-	-
359 Transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3591 Motorcycles	-	-	-	-	-	-	-	-	-	-
3592 Bicycles and invalid carriages	-	-	-	-	-	-	-	-	-	-
3599 Other transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
360 Furniture	23946	29150	37758	42425	11773	12185	14326	17264	3175	3296
369 Manufacturing n.e.c.	10038	10296	10803	8791	4537	5689	3974	3529	618	788
3691 Jewellery and related articles	1917	1303	719	601	814	970	308	32	20	57
3692 Musical instruments	83	173	100	105	-	166	92	89	-	51
3693 Sports goods	217	197	194	210	62	38	-14	158	4	1
3694 Games and toys	1392	1603	2293	1837	666	906	1226	1247	255	501
3699 Other manufacturing n.e.c.	6430	7021	7496	6039	2950	3610	2363	2303	339	179
3710 Recycling of metal waste and scrap	5019	8482	10023	10167	2648	2475	2236	1120	283	139
3720 Recycling of non-metal waste and scrap	131	-	-	261	88	-	-	73	-	-
D Total manufacturing	1208690	1513822	1610318	1438219	521993	675208	666167	516782	200747	178853

a/ 1513 includes 1514.
b/ 1531 includes 1532.
c/ 1551 includes 1552.
d/ 2101 includes 2102.
e/ 2694 includes 2695.
f/ 2710 includes 2720 and 273.
g/ 2922 includes 2923.
h/ 3320 includes 3330.

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ISIC Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
		Note													
15	Food and beverages	...	...	100	90	66	42	39	38	42	48	47	38
16	Tobacco products	...	...	100	112	66	49	39	40	54	67	77	73
17	Textiles	...	...	100	97	53	33	26	22	34	37	36	24
18	Wearing apparel, fur	...	...	100	100	60	29	32	35	33	41	47	61
19	Leather, leather products and footwear	...	...	100	127	92	61	41	28	29	21	17	7
20	Wood products (excl. furniture)	...	...	100	97	85	86	109	133	166	236	272	221
21	Paper and paper products	...	...	100	128	60	25	18	27	43	73	72	62
22	Printing and publishing	...	...	100	114	100	98	88	100	110	123	164	134
23	Coke, refined petroleum products, nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products	...	...	100	114	82	57	35	35	34	39	33	18
25	Rubber and plastics products	...	...	100	105	76	41	41	49	52	67	92	50
26	Non-metallic mineral products	...	...	100	91	49	15	10	9	9	9	13	10
27	Basic metals	...	...	100	85	49	61	68	56	56	78	133	183
28	Fabricated metal products	...	...	100	109	62	42	68	65	96	164	172	98
29	Machinery and equipment n.e.c.	...	...	100	103	58	34	29	27	26	25	16	15
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	...	...	100	111	56	36	22	22	20	28	28	24
32	Radio, television and communication equipment	...	...	100	104	49	21	14	8	9	10	8	3
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	...	...	100	111	108	73	44	30	10	8	7	3
35	Other transport equipment	...	...	100	105	75	51	55	56	47	38	38	39
36	Furniture; manufacturing n.e.c.	...	...	100	102	57	49	45	41	38	41	48	31
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	100	99	64	42	37	35	38	44	46	36

LEBANON

<p>Supplier of information: Ministry of Industry, Beirut.</p> <p>Basic source of data: Industrial survey.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: All establishments.</p> <p>Method of enumeration: Establishments are completely enumerated.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <u>Wages and salaries, output, value added and gross fixed capital formation</u> are expressed in United States dollars, as reported by the Ministry of Industry, Beirut.</p> <p>Related national publications: Report on Industry in Lebanon 1998-1999, Statistics and Findings, published by Ministry of Industry, Beirut.</p>
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Lebanon

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees				
	Note	(numbers)			Note	(numbers)			Note	(thousand DOLLARS)			
		1996	1997	1998		1999	1996	1997		1998	1999		
151 Processed meat, fish, fruit, vegetables, fats			538				2478				14247		
1511 Processing/preserving of meat			38				1055				2469		
1512 Processing/preserving of fish			33				123				606		
1513 Processing/preserving of fruit & vegetables			160				854				7110		
1514 Vegetable and animal oils and fats			307				446				3224		
1520 Dairy products			217				846				5960		
153 Grain mill products			185				951				5538		
1531 Grain mill products			182				856				422		
1532 Starches and starch products			3				95				61694		
1533 Prepared animal feeds			3363				11062				35850		
154 Other food products			2163				5786				150		
1541 Bakery products			34				79				16395		
1542 Sugar			1007				3776				131		
1543 Cocoa, chocolate and sugar confectionery			18				32				9168		
1544 Macaroni, noodles & similar products			141				1389				31699		
1549 Other food products n.e.c.			179				3006				622		
155 Beverages			59				173				759		
1551 Distilling, rectifying & blending of spirits			2				83				2202		
1552 Wines			3				245				28116		
1553 Malt liquors and malt			115				2504				19187		
1554 Soft drinks; mineral waters													
1600 Tobacco products			1				1589				1398		
171 Spinning, weaving and finishing of textiles			21				353				1398		
1711 Textile fibre preparation; textile weaving			21				353				6693		
172 Finishing of textiles											2160		
1721 Other textiles			540				956				1805		
1722 Made-up textile articles, except apparel			396				401				1142		
1723 Carpets and rugs			7				197				1586		
1722 Carpets and rugs			33				17				3986		
1723 Cordage, rope, twine and netting			104				341				35942		
1729 Other textiles n.e.c.			243				897				82		
1730 Knitted and crocheted fabrics and articles											4599		
1810 Wearing apparel, except fur apparel			2222				6625				2047		
1820 Dressing & dyeing of fur; processing of fur			40				28				2552		
191 Tanning, dressing and processing of leather			291				803				27654		
1911 Tanning and dressing of leather			47				339				381		
1912 Luggage, handbags, etc.; saddlery & harness			244				464				18244		
1920 Footwear			1001				3408				16219		
2010 Sawmilling and planing of wood			51				73				250		
202 Products of wood, cork, straw, etc.			2195				3417				1735		
2021 Veneer sheets, plywood, particle board, etc.			1993				3103				13989		
2022 Builders' carpentry and joinery			40				117				4085		
2023 Wooden containers			162				197				7321		
2029 Other wood products; articles of cork/straw											2583		
210 Paper and paper products			165				2614				3157		
2101 Pulp, paper and paperboard			73				732				2673		
2102 Corrugated paper and paperboard			1155				1155				174		
2109 Other articles of paper and paperboard			38				727				310		
221 Publishing of books and other publications			135				569						
2211 Publishing of newspapers, journals, etc.			93				476						
2212 Publishing of recorded media			6				33						
2213 Publishing of recorded media													
2219 Other publishing			36				60						

222	Printing and related service activities	647	2707	16889
2221	Printing	527	2080	14116
2222	Service activities related to printing	120	627	2773
2230	Reproduction of recorded media	-	-	-
2310	Coke oven products	-	-	2349
2320	Refined petroleum products	36	-	-
2330	Processing of nuclear fuel	-	-	-
241	Basic chemicals	2	37	236
2411	Basic chemicals, except fertilizers	-	-	-
2412	Fertilizers and nitrogen compounds	2	37	236
2413	Plastics in primary forms; synthetic rubber	-	-	-
242	Other chemicals	321	2273	14774
2421	Pesticides and other agro-chemical products	-	-	-
2422	Paints, varnishes, printing ink and mastics	141	860	4405
2423	Pharmaceuticals, medicinal chemicals, etc.	28	695	4356
2424	Soap, cleaning & cosmetic preparations	123	622	5079
2429	Other chemical products n.e.c.	29	105	934
2430	Man-made fibres	-	-	-
251	Rubber products	183	492	2214
2511	Rubber tyres and tubes	46	82	315
2519	Other rubber products	137	410	1899
2520	Plastic products	233	1577	9166
2610	Glass and glass products	118	865	4736
269	Non-metallic mineral products n.e.c.	240	9180	55886
2691	Pottery, china and earthenware	68	71	244
2692	Refractory ceramic products	17	33	88
2693	Struct. non-refractory clay; ceramic products	19	72	297
2694	Cement, lime and plaster	812	3304	27032
2695	Articles of concrete, cement and plaster	845	3292	18805
2696	Cutting, shaping & finishing of stone	358	959	2592
2699	Other non-metallic mineral products n.e.c.	291	1449	6828
2710	Basic iron and steel	3	233	2207
2720	Basic precious and non-ferrous metals	-	-	-
273	Casting of metals	3	166	1487
2731	Casting of iron and steel	3	166	1487
2732	Casting of non-ferrous metals	-	-	-
281	Struct. metal products;tanks;steam generators	2917	7335	45544
2811	Structural metal products	2752	6819	41120
2812	Tanks, reservoirs and containers of metal	143	440	4074
2813	Steam generators	22	76	350
289	Other metal products; metal working services	637	2007	12648
2891	Metal forging/pressing/stamping/roll-forming	67	181	934
2892	Treatment & coating of metals	372	438	2026
2893	Cutlery, hand tools and general hardware	36	132	976
2899	Other fabricated metal products n.e.c.	162	1256	8712
291	General purpose machinery	187	1186	6853
2911	Engines & turbines(not for transport equip.)	42	212	1046
2912	Pumps, compressors, taps and valves	2	63	352
2913	Bearings, gears, gearing & driving elements	42	67	256
2914	Ovens, furnaces and furnace burners	56	657	4162
2915	Lifting and handling equipment	45	187	1037
2919	Other general purpose machinery	128	328	1612
292	Special purpose machinery	51	57	158
2921	Agricultural and forestry machinery	-	-	-
2922	Machine tools	6	26	170
2923	Machinery for metallurgy	-	-	-
2924	Machinery for mining & construction	31	96	398
2925	Food/beverage/tobacco processing machinery	-	-	-
2926	Machinery for textile, apparel and leather	29	107	582
2927	Weapons and ammunition	11	42	304
2929	Other special purpose machinery	74	586	2324
2930	Domestic appliances n.e.c.	-	-	-

cont inued

Lebanon

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees				
	Note	(numbers)			Note	(numbers)			Note	(thousand DOLLARS)			
		1996	1997	1998		1999	1996	1997		1998	1999		
ISIC Industry													
3000 Office, accounting and computing machinery		...	-	-	-
3110 Electric motors, generators and transformers		...	68	...		...	275	...		...	2772	...	...
3120 Electricity distribution & control apparatus		...	22	...		...	158	...		...	1103	...	...
3130 Insulated wire and cable		...	2	...		...	928	...		...	3028	...	...
3140 Accumulators, primary cells and batteries		...	5	...		...	26	...		...	569	...	...
3150 Lighting equipment and electric lamps		...	72	...		...	299	...		...	1600	...	...
3190 Other electrical equipment n.e.c.		...	39	...		...	76	...		...	142	...	...
3210 Electronic valves, tubes, etc.		...	1	...		...	18	...		...	101	...	...
3220 TV/radio transmitters; line comm. apparatus		...	-	-	-
3230 TV and radio receivers and associated goods		...	6	...		...	61	...		...	259	...	...
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		...	22	...		...	83	...		...	363	...	...
3420 Automobile bodies, trailers & semi-trailers		...	-	-	-
3430 Parts/accessories for automobiles		...	2	...		...	42	...		...	233	...	...
351 Building and repairing of ships and boats		...	17	...		...	17	...		...	53	...	...
3511 Building and repairing of ships		...	17	...		...	17	...		...	53	...	...
3512 Building/repairing of pleasure/sport. boats		...	-	-	-
3520 Railway/tramway locomotives & rolling stock		...	-	-	-
3530 Aircraft and spacecraft		...	-	-	-
359 Transport equipment n.e.c.		...	1	...		...	11	...		...	63	...	...
3591 Motorcycles		...	-	-	-
3592 Bicycles and invalid carriages		...	1	...		...	11	...		...	63	...	...
3599 Other transport equipment n.e.c.		...	-	-	-
3610 Furniture		...	2075	...		...	6552	...		...	40498	...	...
369 Manufacturing n.e.c.		...	275	...		...	960	...		...	4834	...	...
3691 Jewellery and related articles		...	218	...		...	885	...		...	4574	...	...
3692 Musical instruments		...	-	-	-
3693 Sports goods		...	-	-	-
3694 Games and toys		...	18	...		...	13	...		...	51	...	...
3699 Other manufacturing n.e.c.		...	39	...		...	62	...		...	209	...	...
3710 Recycling of metal waste and scrap		...	-	-	-
3720 Recycling of non-metal waste and scrap		...	-	-	-
D Total manufacturing		...	21894	...		...	78036	...		...	486677	...	...

Lebanon

ISIC Industry	Output (thousand DOLLARS)			Value added (thousand DOLLARS)			Gross fixed capital formation (thousand DOLLARS)	
	Note	1996	1997	1998	1999	Note	1998	1999
		1996	1997	1998	1999		1998	1999
15100 ISIC Industry								
151 Processed meat, fish, fruit, vegetables, fats		155108	155108	155108	155108		72333	72333
1511 Processing/preserving of meat		53807	53807	53807	53807		36823	36823
1512 Processing/preserving of fish		6866	6866	6866	6866		162	162
1513 Processing/preserving of fruit & vegetables		73942	73942	73942	73942		38700	38700
1514 Vegetable and animal oils and fats		20493	20493	20493	20493		1433	1433
1520 Dairy products		38366	38366	38366	38366		8891	8891
153 Grain mill products; starches; animal feeds		203129	203129	203129	203129		12400	12400
1531 Grain mill products		184316	184316	184316	184316		11389	11389
1532 Starches and starch products								
1533 Prepared animal feeds		18813	18813	18813	18813		1011	1011
154 Other food products		422333	422333	422333	422333		40237	40237
1541 Bakery products		172438	172438	172438	172438		13120	13120
1542 Sugar		609	609	609	609		147	147
1543 Cocoa, chocolate and sugar confectionery		154526	154526	154526	154526		57416	57416
1544 Macaroni, noodles & similar products		1237	1237	1237	1237		314	314
1549 Other food products n.e.c.		93523	93523	93523	93523		37414	37414
155 Beverages		192377	192377	192377	192377		86661	86661
1551 Distilling, rectifying & blending of spirits		6489	6489	6489	6489		3627	3627
1552 Wines		5372	5372	5372	5372		3072	3072
1553 Malt liquors and malt		21747	21747	21747	21747		11995	11995
1554 Soft drinks; mineral waters		158769	158769	158769	158769		67967	67967
1600 Tobacco products		34679	34679	34679	34679		5820	5820
171 Spinning, weaving and finishing of textiles		14315	14315	14315	14315		4271	4271
1711 Textile fibre preparation; textile weaving		14315	14315	14315	14315		4271	4271
1712 Finishing of textiles								
172 Other textiles		51138	51138	51138	51138		20753	20753
1721 Made-up textile articles, except apparel		14944	14944	14944	14944		7651	7651
1722 Carpets and rugs		10388	10388	10388	10388		3416	3416
1723 Cordage, rope, twine and netting		1332	1332	1332	1332		971	971
1729 Other textiles n.e.c.		24474	24474	24474	24474		8715	8715
1730 Knitted and crocheted fabrics and articles		35421	35421	35421	35421		16053	16053
1810 Wearing apparel, except fur apparel		211440	211440	211440	211440		91297	91297
1820 Dressing & dyeing of fur; processing of fur		586	586	586	586		200	200
191 Tanning, dressing and processing of leather		37560	37560	37560	37560		14162	14162
1911 Tanning and dressing of leather		23606	23606	23606	23606		7843	7843
1912 Luggage, handbags, etc.; saddlery & harness		13954	13954	13954	13954		6319	6319
1920 Footwear		73452	73452	73452	73452		30951	30951
2010 Sawmilling and planing of wood		5278	5278	5278	5278		2637	2637
202 Products of wood, cork, straw, etc.		107648	107648	107648	107648		50223	50223
2021 Veneer sheets, plywood, particle board, etc.								
2022 Builders' carpentry and joinery		93098	93098	93098	93098		42807	42807
2023 Wooden containers		2030	2030	2030	2030		1009	1009
2029 Other wood products; articles of cork/straw		12520	12520	12520	12520		6407	6407
210 Paper and paper products		148100	148100	148100	148100		64464	64464
2101 Pulp, paper and paperboard		31477	31477	31477	31477		7981	7981
2102 Corrugated paper and paperboard		90552	90552	90552	90552		46192	46192
2109 Other articles of paper and paperboard		26071	26071	26071	26071		10291	10291
221 Publishing of books and other publications		33785	33785	33785	33785		19659	19659
2211 Publishing of newspapers, journals, etc.		27129	27129	27129	27129		15755	15755
2212 Publishing of recorded media		3132	3132	3132	3132		1693	1693
2213 Publishing of recorded media								
2219 Other publishing		3524	3524	3524	3524		2211	2211

continued

Lebanon

ISIC Industry	Output (thousand DOLLARS)				Value added (thousand DOLLARS)				Gross fixed capital formation (thousand DOLLARS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
222 Printing and related service activities				120987					59660	21956
2221 Printing				85524					38758	19258
2222 Service activities related to printing				35463					2698	2698
2230 Reproduction of recorded media				13808					-	-
2310 Coke oven products				-					893	893
2320 Refined petroleum products				-					-	-
2330 Processing of nuclear fuel				-					-	-
241 Basic chemicals				5154					2463	2789
2411 Basic chemicals, except fertilizers				5154					2463	2789
2412 Fertilizers and nitrogen compounds				189360					99510	9718
2413 Plastics in primary forms; synthetic rubber				-					-	-
242 Other chemicals				54704					25034	920
2421 Pesticides and other agro-chemical products				37021					2863	2863
2422 Paints, varnishes, printing ink and mastics				85698					39702	3004
2423 Pharmaceuticals, medicinal chemicals, etc.				11937					5061	2931
2424 Soap, cleaning & cosmetic preparations				-					-	-
2429 Other chemical products n.e.c.				-					-	-
2430 Man-made fibres				-					-	-
251 Rubber products				35937					8497	3180
2511 Rubber tyres and tubes				6191					2010	-
2519 Other rubber products				29746					6487	3180
2520 Plastic products				127485					49937	7461
2610 Glass and glass products				67290					50672	50061
269 Non-metallic mineral products n.e.c.				485083					211725	29845
2691 Pottery, china and earthenware				1042					440	-
2692 Refractory ceramic products				176					111	-
2693 Struct.non-refractory clay; ceramic products				5168					3048	-
2694 Cement, lime and plaster				183562					71542	2555
2695 Articles of concrete, cement and plaster				193722					95693	23328
2696 Cutting, shaping & finishing of stone				18454					7647	2108
2699 Other non-metallic mineral products n.e.c.				82959					33244	1854
2710 Basic iron and steel				27409					15911	233
2720 Basic precious and non-ferrous metals				96581					13645	16
273 Casting of metals				96581					13645	16
2731 Casting of iron and steel				-					-	-
2732 Casting of non-ferrous metals				-					-	-
281 Struct.metal products;tanks;steam generators				350499					146709	20513
2811 Structural metal products				326471					134395	19987
2812 Tanks, reservoirs and containers of metal				22462					493	493
2813 Steam generators				1566					33	33
289 Other metal products; metal working services				104476					38458	5676
2891 Metal forging/pressing/stamping/roll-forming				4686					2221	145
2892 Treatment & coating of metals				16713					6370	200
2893 Cutlery, hand tools and general hardware				9206					4890	159
2899 Other fabricated metal products n.e.c.				74871					24977	5172
291 General purpose machinery				64915					22792	5517
2911 Engines & turbines(not for transport equip.)				21272					5304	58
2912 Pumps, compressors, taps and valves				1541					974	-
2913 Bearings, gears, gearing & driving elements				-					-	-
2914 Ovens, furnaces and furnace burners				3443					1842	43
2915 Lifting and handling equipment				15971					6502	53
2919 Other general purpose machinery				22688					8170	5363

292 Special purpose machinery	23076	10065	1441	...
2921 Agricultural and forestry machinery	935	348	-	...
2922 Machine tools	1343	420	-	...
2923 Machinery for metallurgy	-	-	-	...
2924 Machinery for mining & construction	5620	3722	456	...
2925 Food/beverage/tobacco processing machinery	14878	5462	985	...
2926 Machinery for textile, apparel and leather	300	113	-	...
2927 Weapons and ammunition	28126	15 104	4693	...
2929 Other special purpose machinery	-	-	-	...
2930 Domestic appliances n.e.c.	-	-	-	...
3000 Office, accounting and computing machinery	17251	5959	1538	...
3110 Electric motors, generators and transformers	10759	5756	47	...
3120 Electricity distribution & control apparatus	45287	12532	3	...
3130 Insulated wire and cable	610	225	-	...
3140 Accumulators, primary cells and batteries	20139	12536	272	...
3150 Lighting equipment and electric lamps	2038	960	-	...
3190 Other electrical equipment n.e.c.	1565	790	-	...
3210 Electronic valves, tubes, etc.	1626	561	-	...
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	1949	350	-	...
3420 Automobile bodies, trailers & semi-trailers	1674	424	-	...
3430 Parts/accessories for automobiles	100	30	-	...
351 Building and repairing of ships and boats	100	30	-	...
3511 Building and repairing of ships	-	-	-	...
3512 Building/repairing of pleasure/sport. boats	-	-	-	...
3520 Railway/tramway locomotives & rolling stock	-	-	-	...
3530 Aircraft and spacecraft	330	103	-	...
359 Transport equipment n.e.c.	330	103	-	...
3591 Motorcycles	-	-	-	...
3592 Bicycles and invalid carriages	-	-	-	...
3599 Other transport equipment n.e.c.	-	-	-	...
3610 Furniture	26394	135376	11682	...
369 Manufacturing n.e.c.	63955	23651	1419	...
3691 Jewellery and related articles	60892	21913	1264	...
3692 Musical instruments	-	-	-	...
3693 Sports goods	-	-	-	...
3694 Games and toys	2249	1477	-	...
3699 Other manufacturing n.e.c.	814	261	155	...
3710 Recycling of metal waste and scrap	-	-	-	...
3720 Recycling of non-metal waste and scrap	-	-	-	...
D Total manufacturing	3936120	1700398	372806	...

LITHUANIA

<p>Supplier of information: Lithuanian Department of Statistics, Vilnius.</p> <p>Basic source of data: Annual survey of industrial enterprises.</p> <p>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).</p> <p>Reference period (if not calendar year):</p> <p>Scope: All operating industrial enterprises.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: No.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications: Statistical Yearbook of Lithuania; Industry 1997, both published by the Lithuanian Department of Statistics, Vilnius.</p>
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Lithuania

ISIC Industry	Number of enterprises (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (thousand LITA)							
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	
		1996	1997	1998	1999		1996	1997	1998	1999		1996	1997	1998	1999	
151 Processed meat, fish, fruit, vegetables, fats		154	130	144	124		11947	11378	10336	9002		103210	97630	99144	86193	
1511 Processing/preserving of meat		103	84	99	76		8200	7909	7440	6216		61863	64261	70518	62411	
1512 Processing/preserving of fish		26	23	26	29		2151	1959	1086	2005		28799	20344	21345	17386	
1513 Processing/preserving of fruit & vegetables		21	20	18	18		1255	1187	808	668		8108	3195	6242	5207	
1514 Vegetable and animal oils and fats		4	3	1	1		341	323	102	113		4440	4830	6039	1189	
1520 Dairy products		59	49	48	40		10688	11998	12167	11891		93596	131860	149728	140262	
153 Grain mill products		44	47	53	44		4369	4639	4434	3915		53997	53997	51637	42530	
1531 Grain mill products		29	30	35	29		2296	2429	2722	2084		20691	24197	31671	22101	
1532 Starches and starch products		1	2	3	2		165	49	165	136		359	359	1812	1500	
1533 Prepared animal feeds		14	15	15	13		2039	2161	1547	1695		25997	29441	18154	18929	
154 Other food products		152	159	203	200		12152	12888	13956	13148		119789	137653	167994	156617	
1541 Bakery products		134	140	171	165		8002	8520	9526	9161		62463	75565	94792	91897	
1542 Sugar		7	6	7	4		1737	2079	1890	1495		22948	23580	24910	22093	
1543 Cocoa, chocolate and sugar confectionery		1	3	5	8		2292	2078	1862	1731		33686	37723	37825	32698	
1544 Macaroni, noodles & similar products		6	6	16	5		2	46	113	107		3	213	977	634	
1549 Other food products n.e.c.		47	49	70	58		119	165	565	654		689	572	9490	9295	
155 Beverages		4	4	4	4		5218	5899	6337	6256		66454	88878	106065	111582	
1551 Distilling, rectifying & blending of spirits		2	2	4	4		1534	1632	1574	1375		20893	25586	26102	24270	
1552 Wines		19	19	26	19		950	1182	1159	1208		13450	20022	21323	23419	
1553 Malt liquors and malt		22	24	36	31		2393	2519	2766	2711		29430	38435	50511	54707	
1554 Soft drinks; mineral waters		1	1	1	1		341	563	838	962		2681	4835	8129	9186	
1600 Tobacco products		47	42	43	41		18552	22650	26911	28663		124699	164516	210128	234547	
171 Spinning, weaving and finishing of textiles		45	39	39	36		1575	1641	1254	893		12933	14489	12367	7994	
1711 Textile fibre preparation; textile weaving		2	3	4	5		16269	16536	15887	15431		132040	155253	162614	156157	
1712 Finishing of textiles		17	21	30	33		16094	16407	15645	15337		131918	154406	160940	155523	
172 Other textiles		4	7	14	14		175	129	242	94		122	847	1674	634	
1721 Made-up textile articles, except apparel		1	1	1	1		1138	1237	1724	1499		9411	12064	19234	18281	
1722 Carpets and rugs		3	4	4	4		325	402	588	600		2351	3743	6401	7039	
1723 Cordage, rope, twine and netting		9	9	11	14		64	77	53	45		3139	1061	907	814	
1729 Other textiles n.e.c.		55	55	66	54		460	509	899	706		1368	5075	8735	8735	
1730 Knitted and crocheted fabrics and articles		219	225	265	274		9615	9018	7695	6155		68266	73698	73222	61309	
1810 Wearing apparel, except fur apparel		6	6	7	6		18552	22650	26911	28663		124699	164516	210128	234547	
1820 Dressing & dyeing of fur; processing of fur		16	18	18	20		1714	1784	1319	1192		11513	14331	12182	11602	
191 Tanning, dressing and processing of leather		5	6	6	6		965	1036	724	668		7178	10019	7925	7669	
1912 Tanning and dressing of leather		11	12	12	14		749	748	595	524		4335	4312	4257	3933	
1912 Luggage, handbags, etc.; saddlery & harness		22	20	17	14		4158	3730	3346	2720		28563	29679	26213	20052	
1920 Footwear		239	236	242	218		4290	6255	5234	5137		21260	36469	39084	37846	
2010 Sawmilling and planing of wood		245	216	252	235		9573	9028	6262	5567		55627	63664	82405	68045	
2021 Veneer sheets, plywood, particle board, etc.		56	43	38	24		2898	3046	3002	2345		19876	27437	31238	26413	
2022 Builders' carpentry and joinery		111	112	137	139		3909	3488	3795	3815		22213	21745	31265	29268	
2033 Wooden containers		5	9	21	21		833	860	960	405		5437	6449	8455	20668	
2029 Other wood products; articles of cork/straw		73	52	56	51		1933	1634	1476	1349		8101	8033	11447	10296	
210 Paper and paper products		17	19	23	27		4225	4070	3722	3880		41658	45916	47033	47555	
2101 Pulp, paper and paperboard		8	5	7	6		3284	2939	2625	2395		29862	29428	29747	26795	
2102 Corrugated paper and paperboard		5	5	6	7		619	737	783	1197		7820	10793	11217	17483	
2109 Other articles of paper and paperboard		5	9	10	14		322	394	314	287		3176	5695	6069	4277	
221 Publishing of books and other publications		122	127	145	174		2551	2771	3299	5265		31176	33796	49764	91963	
2211 Publishing of newspapers, journals, etc.		34	33	43	40		949	821	10148	10673		10148	10673	16797	40354	
2212 Publishing of newspapers, journals, etc.		77	83	90	118		1459	1751	1981	2784		18624	25277	28301	48579	
2213 Publishing of recorded media		-	-	-	1		-	-	-	4		-	-	-	-	36
2219 Other publishing		11	11	12	15		143	199	248	224		2404	3846	4666	2994	

222	Printing and related service activities	91	3738	3634	2669	34131	49499	60167	37015
2221	Printing	72	3612	3481	2451	33043	48393	56887	34295
2222	Service activities related to printing	19	126	153	218	1088	1106	1280	2720
2230	Reproduction of recorded media	3	26	21	35	191	90	140	108
2310	Coke oven products	-	-	-	-	-	-	-	-
2320	Refined petroleum products	3	3503	3402	3504	65710	83422	95472	96162
2330	Processing of nuclear fuel	-	-	-	-	-	-	-	-
241	Basic chemicals	11	3427	3080	2799	57347	60784	60499	62870
2411	Basic chemicals, except fertilizers	8	247	327	294	1258	3745	5763	6366
2412	Fertilizers and nitrogen compounds	4	3170	2739	2490	56089	57003	54674	56463
2413	Plastics in primary forms; synthetic rubber	1	10	14	15	62	36	62	41
242	Other chemicals	44	3190	3228	2871	30369	34898	39348	34462
2421	Pesticides and other agro-chemical products	-	-	-	-	-	-	-	-
2422	Paints, varnishes, printing ink and mastics	6	89	104	103	236	679	1039	889
2423	Pharmaceuticals, medicinal chemicals, etc.	14	2096	1864	1864	19611	24923	25713	22685
2424	Soap, cleaning & cosmetic preparations	13	853	783	692	6720	7936	8275	8684
2429	Other chemical products n.e.c.	11	152	212	311	3802	4321	4321	2204
2430	Man-made fibres	1	1575	1472	1210	...	22853	21198	17104
251	Rubber products	14	407	346	245	2127	2996	2736	1536
2511	Rubber tyres and tubes	8	148	117	62	927	1078	927	631
2519	Other rubber products	6	259	229	183	1378	1918	1809	905
2520	Plastic products	96	3006	3359	3669	22534	29257	43074	41092
2610	Glass and glass products	12	2053	1954	1794	19636	22726	23592	26387
269	Non-metallic mineral products n.e.c.	177	10660	10027	9072	88800	101574	114384	108076
2691	Pottery, china and earthenware	13	748	647	534	5345	5382	4993	3942
2692	Refractory ceramic products	1	62	57	265	613	534	613	3211
2693	Structural non-refractory clay; ceramic products	29	3032	2658	2379	25616	27752	27048	26159
2694	Cement, lime and plaster	2	1066	1235	1163	11461	13012	17219	18253
2695	Articles of concrete, cement and plaster	82	5827	4938	4022	43659	50640	57154	48051
2696	Cutting, shaping & finishing of stone	38	264	348	444	1271	1299	2302	2263
2699	Other non-metallic mineral products n.e.c.	12	208	244	267	1431	2955	5055	6197
2710	Basic iron and steel	1	344	279	361	...	4059	3581	6452
2720	Basic precious and non-ferrous metals	2	47	39	34	228	532	261	202
273	Casting of metals	10	1343	1293	1115	9499	12635	13770	12038
2731	Casting of iron and steel	8	1304	1225	1094	9265	12365	13668	11909
2732	Casting of non-ferrous metals	2	39	68	21	234	270	102	129
281	Struct. metal products;tanks;steam generators	45	2092	2581	2584	10448	17285	26378	22820
2811	Structural metal products	40	1525	2117	2162	7325	11965	21385	18393
2812	Tanks, reservoirs and containers of metal	4	567	461	422	2893	5320	4970	4427
2813	Steam generators	1	...	3	...	...	...	23	...
289	Other metal products; metal working services	92	3977	4326	4552	30448	35027	48667	46954
2891	Metal forging/pressing/stamping/roll-forming	4	235	484	737	796	2182	4563	6354
2892	Treatment & coating of metals	5	103	143	201	552	807	1155	2159
2893	Cutlery, hand tools and general hardware	9	688	1122	1038	4388	5844	9989	9408
2899	Other fabricated metal products n.e.c.	74	2951	2577	2576	24712	26194	32960	29033
291	General purpose machinery	52	6033	6742	4580	51525	51380	71238	52397
2911	Engines & turbines(not for transport equip.)	5	136	1018	11	643	182	13465	81
2912	Pumps, compressors, fans and valves	5	313	2954	1857	24864	28003	29441	20668
2913	Bearings, gears, gearing & driving elements	1	19	20	20	106	1481	2796	2143
2914	Ovens, furnaces and furnace burners	4	298	508	260	1333	1481	2796	2143
2915	Lifting and handling equipment	20	440	508	677	7585	3288	5979	5253
2919	Other general purpose machinery	17	2191	1964	1755	17038	18316	19557	20147
292	Special purpose machinery	61	6664	4174	4025	40826	49100	36249	36651
2921	Agricultural and forestry machinery	28	2816	1645	1317	18454	19523	13576	9544
2922	Machine tools	19	2337	1517	1463	18390	18889	12111	12564
2923	Machinery for metallurgy	-	-	-	-	-	-	-	-
2925	Machinery for mining & construction	1	112	108	252	2616	459	565	2888
2926	Food/beverage/tobacco processing machinery	6	801	712	470	...	8312	7494	3766
2927	Machinery for textile, apparel and leather	2	-	43	37	-	-	412	397
2929	Weapons and ammunition	1	-	-	-	-	-	-	-
2929	Other special purpose machinery	6	168	149	486	726	1917	2091	6492
2930	Domestic appliances n.e.c.	15	5243	4772	3655	43363	46839	47895	42722

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ISIC Industry	Number of enterprises (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (thousand LITA)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
3000 Office, accounting and computing machinery		13	12	11	11		1375	1118	987	269		7918	7788	8459	2172
3110 Electric motors, generators and transformers		18	14	13	15		2348	2127	1350	1924		16873	18036	12608	23399
3120 Electricity distribution & control apparatus		4	6	5	12		1256	1528	81	393		13118	18179	850	5212
3130 Insulated wire and cable		5	7	6	4		1311	1657	1776	440		12437	18220	22269	4630
3140 Accumulators, primary cells and batteries		3	2	2	22		483	390	239	159		3795	1405	1931	1835
3150 Lighting equipment and electric lamps		5	6	6	5		183	187	236	184		1121	1341	2058	17399
3190 Other electrical equipment n.e.c.		6	4	7	4		167	51	54	1318		1499	438	457	17399
3210 Electronic valves, tubes, etc.		8	10	8	8		6734	6264	4885	3950		57943	81350	76980	62189
3220 TV/radio transmitters; line comm. apparatus		8	7	7	9		346	218	236	3787		4623	3787	5054	10731
3230 TV and radio receivers and associated goods		15	14	14	19		4211	3918	3625	3462		31139	33169	29638	33425
331 Medical, measuring, testing appliances, etc.		42	38	52	52		2809	3221	3562	3294		21824	31013	39830	34652
3311 Medical, surgical and orthopaedic equipment		15	15	22	23		506	831	1031	1164		5616	8575	13539	11372
3312 Measuring/testing/navigating appliances, etc.		25	23	29	28		2294	2388	2530	2092		16183	22438	26280	22970
3313 Industrial process control equipment		2	...	1	1		9	2	1	38		25	11	11	310
3320 Optical instruments & photographic equipment		4	4	1	3		20	8	4	38		84	12	13	747
3330 Watches and clocks	
3410 Motor vehicles		1	...	...	...		...	...	...	...		...	...	...	...
3420 Automobile bodies, trailers & semi-trailers		2	3	4	5		41	67	104	111		358	949	1456	1286
3430 Parts/accessories for automobiles		11	8	7	6		2332	1774	551	307		12075	13872	3953	2312
351 Building and repairing of ships and boats		30	36	37	40		4912	5174	5228	5243		45200	58504	76622	82994
3511 Building and repairing of ships		29	35	36	38		4897	5164	5214	5218		45200	58286	76178	82929
3512 Building/repairing of pleasure/sport. boats		1	1	1	2		...	10	14	25		...	218	444	65
3520 Railway/tramway locomotives & rolling stock		2	2	2	2		...	...	...	...		...	...	...	...
3530 Aircraft and spacecraft		2	2	5	4		207	180	291	302		16	1605	3503	3731
359 Transport equipment n.e.c.		3	3	3	2		1098	1159	880	812		10734	12747	11481	12350
3591 Motorcycles		1	1	1	1		297	297	...	...		2152	2152	...	...
3592 Bicycles and invalid carriages		2	2	3	2		901	862	880	812		9382	10595	11481	12350
3599 Other transport equipment n.e.c.	
3610 Furniture		125	134	136	156		8890	9829	9489	9297		62535	78266	93198	91100
369 Manufacturing n.e.c.		39	40	42	34		1476	1253	840	808		8598	8867	9237	9632
3691 Jewellery and related articles		5	4	7	9		324	315	170	235		1453	1722	2197	2596
3692 Musical instruments		1	1	1	1		...	10	9	5		...	134	176	60
3693 Sports goods		2	3	3	2		116	130	113	100		...	1077	1054	935
3694 Games and toys		7	7	5	3		154	141	116	104		597	861	737	627
3699 Other manufacturing n.e.c.		24	25	26	19		871	657	432	364		6495	5073	5071	5414
3710 Recycling of metal waste and scrap		9	9	9	11		382	364	364	399		5636	5822	6131	4920
3720 Recycling of non-metal waste and scrap		2	...	1	3		21	6	21	48		36	...	62	200
D Total manufacturing		2546	2455	2796	2796		215883	223190	216805	205609		181773	2191688	2437659	2357706

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ISIC Industry	Output in producers' prices (thousand LITA)					Value added (thousand LITA)			Gross fixed capital formation (thousand LITA)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		887289	944200	889392	726922		...	...	...	...
1511 Processing/preserving of meat		716123	747792	700154	542821		...	...	...	...
1512 Processing/preserving of fish		101648	101240	113195	133003		...	...	...	...
1513 Processing/preserving of fruit & vegetables		33381	51672	61555	34336		...	...	...	...
1514 Vegetable and animal oils and fats		37137	43496	14528	16762		...	...	...	...
1520 Dairy products		1368259	1463124	1608818	1265707		...	...	...	...
153 Grain mill products; starches; animal feeds		338742	353644	308093	473372		...	...	...	...
1531 Grain mill products		...	2658	9203	184155		...	...	...	...
1532 Starches and starch products		309798	326592	268306	282406		...	...	...	...
1533 Prepared animal feeds		962494	1050133	813979	809281		...	...	...	...
154 Other food products		379653	384380	410573	414340		...	...	...	...
1541 Bakery products		268169	360045	105729	121623		...	...	...	...
1542 Sugar		288249	296288	219661	177183		...	...	...	...
1543 Cocoa, chocolate and sugar confectionery		26377	3596	5138	6132		...	...	...	...
1549 Macaroni, noodles & similar products		598403	705748	717883	90003		...	...	...	...
155 Beverages		229711	194424	148722	787712		...	...	...	...
1551 Distilling, rectifying & blending of spirits		155610	167700	165976	179314		...	...	...	...
1552 Wines		196933	273068	310130	368624		...	...	...	...
1553 Malt liquors and malt		16149	70556	93055	109387		...	...	...	...
1554 Soft drinks; mineral waters		...	208009	302803	337746		...	...	...	...
1600 Tobacco products		673137	769695	779051	692053		...	...	...	...
171 Spinning, weaving and finishing of textiles		670721	764747	766177	688282		...	...	...	...
1711 Textile fibre preparation; textile weaving		4948	4948	12874	3771		...	...	...	...
172 Finishing of textiles		45986	57337	120179	154585		...	...	...	...
1721 Made-up textile articles, except apparel		9191	14918	23464	34440		...	...	...	...
1722 Carpets and rugs		...	7771	3730	2745		...	...	...	...
1723 Cordage, rope, twine and netting		1720	6287	5888	4074		...	...	...	...
1729 Other textiles n.e.c.		27788	28361	87097	113326		...	...	...	...
1730 Knitted and crocheted fabrics and articles		326484	332594	337947	255543		...	...	...	...
1810 Wearing apparel, except fur apparel		820789	1132550	1398975	1769346		...	...	...	...
1820 Dressing & dyeing of fur; processing of fur		63205	70479	22355	25175		...	...	...	...
1911 Tanning, dressing and processing of leather		66992	76760	78711	85794		...	...	...	...
1912 Luggage, handbags, etc.; saddlery & harness		11811	66960	71266	77314		...	...	...	...
1920 Footwear		127179	9800	7445	8480		...	...	...	...
2010 Sawmilling and planing of wood		131164	211525	193978	242572		...	...	...	...
202 Products of wood, cork, straw, etc.		272737	281503	347470	294716		...	...	...	...
2021 Veneer sheets, plywood, particle board, etc.		114751	195009	149370	118917		...	...	...	...
2022 Builders' carpentry and joinery		96958	73083	114472	128706		...	...	...	...
2023 Wooden containers		31330	33242	49337	12786		...	...	...	...
2029 Other wood products; articles of cork/straw		29698	20169	34291	34307		...	...	...	...
210 Paper and paper products		210748	233365	203840	238444		...	...	...	...
2101 Pulp, paper and paperboard		139899	127622	116841	102885		...	...	...	...
2102 Corrugated paper and paperboard		43788	68124	53218	109035		...	...	...	...
2109 Other articles of paper and paperboard		27051	37619	33781	26524		...	...	...	...
221 Publishing of books and other publications		126600	244729	178679	310898		...	...	...	...
2212 Publishing of newspapers, journals, etc.		53185	53088	72635	158835		...	...	...	...
2213 Publishing of recorded media		61975	165445	90320	138569	
2219 Other publishing		11440	26196	15724	12504	

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ISIC Industry	Output in producers' prices (thousand LITA)					Value added (thousand LITA)					Gross fixed capital formation (thousand LITA)		
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999			
ISIC Industry													
ISIC Revision 3													
222 Printing and related service activities		159049	101832	229101	158371		...	...	...	...		...	...
2221 Printing		155593	96792	220314	143868		...	...	...	...		...	...
2222 Service activities related to printing		3456	5040	8787	14503		...	...	...	...		...	...
2230 Reproduction of recorded media		1152	896	1733	2804		...	...	...	...		...	...
2310 Coke oven products		2579579	3308336	3170955	2236220		...	...	...	...		...	...
2320 Refined petroleum products		-	-	-	-	
2330 Processing of nuclear fuel		-	-	-	-	
241 Basic chemicals		827604	765479	864169	894469		...	...	...	...		...	...
2411 Basic chemicals, except fertilizers		11463	27432	35884	25538		...	...	...	...		...	...
2412 Fertilizers and nitrogen compounds		816141	737630	827359	868128		...	...	...	...		...	...
2413 Plastics in primary forms; synthetic rubber		173886	192102	204440	131751		...	...	...	...		...	...
242 Other chemicals		2906	6114	4849	4610		...	...	...	...		...	...
2421 Pesticides and other agro-chemical products		114198	145358	127986	82242		...	...	...	...		...	...
2422 Paints, varnishes, printing ink and mastics		37350	33941	34737	34975		...	...	...	...		...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		19402	6689	36868	9924		...	...	...	...		...	...
2424 Soap, cleaning & cosmetic preparations		...	229143	180253	109415		...	...	...	...		...	...
2429 Other chemical products n.e.c.		12712	16437	12970	7963		...	...	...	...		...	...
2430 Man-made fibres		4501	7442	4515	2506		...	...	...	...		...	...
251 Rubber products		8211	8995	8455	5457		...	...	...	...		...	...
2511 Rubber tyres and tubes		124131	159577	277794	297606		...	...	...	...		...	...
2519 Other rubber products		137689	113941	133066	118714		...	...	...	...		...	...
2520 Plastic products		372096	421413	523129	470710		...	...	...	...		...	...
2610 Glass and glass products		8920	9445	9445	8191		...	...	...	...		...	...
269 Non-metallic mineral products n.e.c.		...	3662	3972	7947		...	...	...	...		...	...
2691 Pottery, china and earthenware		79178	79664	70400	74968		...	...	...	...		...	...
2692 Refractory ceramic products		101240	108148	140955	119548		...	...	...	...		...	...
2693 Struct.non-refractory clay; ceramic products		169954	191576	230292	193050		...	...	...	...		...	...
2694 Cement, lime and plaster		4018	3133	6522	7145		...	...	...	...		...	...
2695 Articles of concrete, cement and plaster		8779	25656	61543	60261		...	...	...	...		...	...
2696 Cutting, shaping & finishing of stone	
2699 Other non-metallic mineral products n.e.c.		22027	19813	19813	45437		...	...	...	...		...	...
2710 Basic iron and steel		4750	3787	1571	12800		...	...	...	...		...	...
2720 Basic precious and non-ferrous metals		28289	36582	45237	34302		...	...	...	...		...	...
273 Casting of metals		27428	35499	44179	34066		...	...	...	...		...	...
2731 Casting of iron and steel		861	1083	1058	236		...	...	...	...		...	...
2732 Casting of non-ferrous metals		54191	75804	125224	97984		...	...	...	...		...	...
281 Structural metal products;tanks;steam generators		35705	55033	106966	83844		...	...	...	...		...	...
2811 Structural metal products		17967	20771	18206	14140		...	...	...	...		...	...
2812 Tanks, reservoirs and containers of metal		145205	178792	189135	162607		...	...	...	...		...	...
2813 Steam generators		2891	23611	19637	24905		...	...	...	...		...	...
289 Other metal products; metal working services		2384	2695	3969	7392		...	...	...	...		...	...
2891 Metal forging/pressing/stamping/roll-forming		16434	24292	33137	30523		...	...	...	...		...	...
2892 Treatment & coating of metals		106986	128194	132392	99787		...	...	...	...		...	...
2893 Cutlery, hand tools and general hardware		165288	135370	169082	116766		...	...	...	...		...	...
2899 Other fabricated metal products n.e.c.		2338	276	37635	311		...	...	...	...		...	...
291 Engines & turbines(not for transport equip.)		87673	62799	51007	31340		...	...	...	...		...	...
2912 Pumps, compressors, taps and valves		307	307	-	322		...	...	...	...		...	...
2913 Bearings, gears, gearing & driving elements		3248	4777	10271	7956		...	...	...	...		...	...
2914 Ovens, furnaces and furnace burners		19667	10095	15232	20826		...	...	...	...		...	...
2915 Lifting and handling equipment		52062	57116	54937	56011		...	...	...	...		...	...
2919 Other general purpose machinery	

292 Special purpose machinery	108253	111453	98864	86268	...	...	...	...
2921 Agricultural and forestry machinery	55974	50828	40362	25664	...	...	...	...
2922 Machine tools	29313	27562	21815	19145	...	...	...	...
2923 Machinery for metallurgy	...	...	...	...	...	...	...	...
2924 Machinery for mining & construction	15730	1773	3235	11345	...	...	...	...
2925 Food/beverage/tobacco processing machinery	...	25687	24418	11196	...	...	...	...
2926 Machinery for textile, apparel and leather	...	...	1711	1066	...	...	...	...
2927 Weapons and ammunition	...	...	...	...	...	...	...	...
2929 Other special purpose machinery	4663	5703	7323	17852	...	...	...	...
2930 Domestic appliances n.e.c.	197432	213638	203111	165730	...	...	...	...
3000 Office, accounting and computing machinery	16181	15160	17324	24041	...	...	...	...
3110 Electric motors, generators and transformers	44678	66064	30967	50405	...	...	...	...
3120 Electricity distribution & control apparatus	38232	52216	5962	30923	...	...	...	...
3130 Insulated wire and cable	151499	232992	287436	38471	...	...	...	...
3140 Accumulators, primary cells and batteries	7427	4616	4271	3368	...	...	...	...
3150 Lighting equipment and electric lamps	3779	3293	5594	5272	...	...	...	...
3190 Other electrical equipment n.e.c.	5825	1337	3461	253572	...	...	...	...
3210 Electronic valves, tubes, etc.	331062	314434	298469	289433	...	...	...	...
3220 TV/radio transmitters; line comm. apparatus	33165	23433	37945	35162	...	...	...	...
3230 TV and radio receivers and associated goods	110147	128687	140405	204964	...	...	...	...
331 Medical, measuring, testing appliances, etc.	86852	123286	192213	178549	...	...	...	...
3311 Medical, surgical and orthopaedic equipment	26031	31940	56292	59602	...	...	...	...
3312 Measuring/testing/navigating appliances, etc.	60775	91346	135868	115096	...	...	...	...
3313 Industrial process control equipment	46	...	53	3851	...	...	...	...
3320 Optical instruments & photographic equipment	1183	...	260	3576	...	...	...	...
3330 Watches and clocks	...	...	...	...	...	...	...	...
3410 Motor vehicles	...	...	...	...	...	...	...	...
3420 Automobile bodies, trailers & semi-trailers	2865	9425	13448	6823	...	...	...	...
3430 Parts/accessories for automobiles	23454	21291	5419	3394	...	...	...	...
351 Building and repairing of ships and boats	203243	224282	322685	233090	...	...	...	...
3511 Building and repairing of ships	202831	223782	321898	231134	...	...	...	...
3512 Building/repairing of pleasure/sport boats	...	500	787	1956	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	45	...	...	...	...	...	...	...
3530 Aircraft and spacecraft	1818	2026	11158	16689	...	...	...	...
359 Transport equipment n.e.c.	82111	86114	75965	88916	...	...	...	...
3591 Motorcycles	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	78942	82614	75965	88916	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...	...
3610 Furniture	311439	349398	405307	405134	...	...	...	...
369 Manufacturing n.e.c.	45360	33545	29914	33114	...	...	...	...
3691 Jewellery and related articles	1533	1591	11596	14704	...	...	...	...
3692 Musical instruments	...	316	223	149	...	...	...	...
3693 Sports goods	1344	1934	1874	1499	...	...	...	...
3694 Games and toys	995	3992	4142	3280	...	...	...	...
3699 Other manufacturing n.e.c.	41242	25712	12079	13482	...	...	...	...
3710 Recycling of metal waste and scrap	39359	46883	38484	31856	...	...	...	...
3720 Recycling of non-metal waste and scrap	68	...	121	745
D Total manufacturing	14361249	16421010	17036159	15620841

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<p>Supplier of information: Central Office of Statistics, Valletta.</p> <p>Basic source of data: Survey of industrial statistics.</p> <p>Major deviations from ISIC (Revision 3): The data presented in ISIC (Revision 3) were originally classified according to NACE (Revision 1).</p> <p>Reference period (if not calendar year):</p> <p>Scope: All manufacturing establishments.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <u>Wages and salaries</u> excludes employees' insurance contributions. Employers' contributions to the national insurance scheme are included. <u>Output</u> is the value of sales and the net change between the beginning and the end of the year in value of stocks of goods produced. Net revenues from goods shipped in the same condition as received are excluded. Valuation is at establishment prices, excluding any discounts, commissions or rebates, but including charges for delivery. <u>Value added</u> is output less the cost of materials and fuels used, transport expenses, payments to homeworkers and the value of work given out. <u>Gross fixed capital formation</u> is valued before the addition of legal charges, stamp duties, agent's fees, etc.</p> <p>Related national publications: Industry Statistics, 1997, published by the Central Office of Statistics, Valletta.</p>
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222 Printing and related service activities	135	128	133	1453	1398	1354	7472	7415	7238
2221 Printing	110	105	113	1424	1379	1339	7328	7314	7170
2222 Service activities related to printing	25	23	20	29	19	15	144	101	68
2230 Reproduction of recorded media									
2310 Coke oven products	4g/	4g/	3g/	79g/	78g/	79g/	410g/	408g/	435g/
2320 Refined petroleum products	...g/	...g/	...g/	...g/	...g/	...g/	...g/	...g/	...g/
2330 Processing of nuclear fuel									
2411 Basic chemicals	...g/	...g/	...g/	...g/	...g/	...g/	...g/	...g/	...g/
2412 Fertilizers and nitrogen compounds	3h/	3h/	3h/	36h/	25h/	26h/	125h/	105h/	97h/
2413 Plastics in primary forms; synthetic rubber									
242 Other chemicals	...h/	...h/	...h/	...h/	...h/	...h/	...h/	...h/	...h/
2421 Pesticides and other agro-chemical products	14	15	15	129	129	125	589	625	614
2422 Paints, varnishes, printing ink and dyes	4	8	8	228	344	380	973	1485	1830
2423 Pharmaceuticals, medicinal chemicals, etc.	20	19	19	288	271	256	1075	1193	987
2424 Soap, cleaning & cosmetic preparations	11h/	12h/	11h/	220h/	232h/	219h/	1034h/	1092h/	1130h/
2425 Other chemical products n.e.c.	...h/	...h/	...h/	...h/	...h/	...h/	...h/	...h/	...h/
2430 Man-made fibres									
251 Rubber products	11	8	10	993	906	943	5217	5052	5901
2511 Rubber tyres and tubes	6	5	6	7	5	1	18	16	-
2519 Other rubber products	5	3	4	986	901	942	5199	5036	5901
2520 Plastic products	24	26	26	675	755	791	2657	3217	3467
2610 Glass and glass products	26	25	26	132	125	138	448	455	474
269 Non-metallic mineral products n.e.c.									
2691 Pottery, china and earthenware	10j/	11j/	10j/	88j/	86j/	94j/	318j/	289j/	380j/
2692 Refractory ceramic products	...j/	...j/	...j/	...j/	...j/	...j/	...j/	...j/	...j/
2693 Structural refractory clay; ceramic products	...j/	...j/	...j/	...j/	...j/	...j/	...j/	...j/	...j/
2694 Cement, lime and plaster	5	4	4	3	1	1	4	2	2
2695 Articles of concrete, cement and plaster	69	64	53	970	963	810	3350	3589	3620
2696 Cutting, shaping & finishing of stone	49	48	67	147	138	195	422	419	630
2699 Other non-metallic mineral products n.e.c.	17	17	6	92	103	43	310	338	188
2710 Basic iron and steel	368k/	353k/	314k/	614k/	612k/	594k/	1999k/	2268k/	2283k/
2720 Basic precious and non-ferrous metals									
273 Casting of metals									
2731 Casting of iron and steel									
2732 Casting of non-ferrous metals									
281 Structural metal products; tanks; steam generators	...k/	...k/	...k/	...k/	...k/	...k/	...k/	...k/	...k/
2811 Structural metal products	...k/	...k/	...k/	...k/	...k/	...k/	...k/	...k/	...k/
2812 Tanks, reservoirs and containers of metal	...k/	...k/	...k/	...k/	...k/	...k/	...k/	...k/	...k/
2813 Steam generators									
289 Other metal products; metal working services									
2891 Metal forging/pressing/stamping/roll-forming									
2892 Treatment & coating of metals	50	47	42	404	319	202	1921	1866	964
2893 Cutlery, hand tools and general hardware	41m/	42m/	38m/	399m/	366m/	371m/	1859m/	1702m/	1690m/
2899 Other fabricated metal products n.e.c.	...m/	...m/	...m/	...m/	...m/	...m/	...m/	...m/	...m/
291 General purpose machinery									
2911 Engines & turbines (not for transport equip.)									
2912 Pumps, compressors, taps and valves	4n/	6n/	4n/	65n/	102n/	86n/	242n/	393n/	404n/
2913 Bearings, gears, gearing & driving elements									
2914 Ovens, furnaces and furnace burners	n/	n/	n/	n/	n/	n/	n/	n/	n/
2915 Lifting and handling equipment	11p/	10p/	13p/	76p/	83p/	273p/	247p/	241p/	1474p/
2919 Other general purpose machinery	...p/	...p/	...p/	...p/	...p/	...p/	...p/	...p/	...p/
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.	3	4	6	37	58	83	120	148	215

cont inued

ISIC Industry	ISIC Revision 3				Number of enterprises			Number of employees			Wages and salaries paid to employees (thousand LIRI)		
	Note	(numbers)			Note	(numbers)			Note	(thousand LIRI)			
		1995	1996	1997		1998	1995	1996		1997	1998	1995	1996	1997	1998
3000 Office, accounting and computing machinery		5	4	3	...	45	43	38	...	123	177	193	...
3110 Electric motors, generators and transformers		3	7	7	...	66	77	94	...	316	382	426	...
3120 Electricity distribution & control apparatus		5	5	6	...	239	232	230	...	1180	1180	1331	...
3130 Insulated wire and cable		4g/	5g/	6g/	...	59g/	63g/	101g/	...	227g/	237g/	386g/	...
3140 Accumulators, primary cells and batteries		10r/	9r/	9r/	...	458r/	513r/	564r/	...	2231r/	2755r/	3607r/	...
3150 Lighting equipment and electric lamps	
3190 Other electrical equipment n.e.c.		12	12	10	...	1873	2150	2210	...	10526	12182	13598	...
3210 Electronic valves, tubes, etc.		9s/	7s/	6s/	...	255s/	208s/	156s/	...	1036s/	846s/	822s/	...
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		5	5	5	...	482	463	481	...	1951	1933	2169	...
3312 Measuring/testing/navigating appliances, etc.		6	6	6	...	140	136	139	...	585	608	639	...
3313 Industrial process control equipment		10t/	7t/	8t/	...	963t/	787t/	651t/	...	4131t/	3715t/	2908t/	...
3320 Optical instruments & photographic equipment	
3330 Watches and clocks	
3410 Motor vehicles		7	6	5	...	68	191	178	...	271	801	759	...
3420 Automobile bodies, trailers & semi-trailers		6	6	7	...	43	41	55	...	134	130	190	...
3430 Parts/accessories for automobiles	
351 Building and repairing of ships and boats		47	38	38	...	1436	1070	1076	...	9498	5956	5164	...
3511 Building and repairing of ships		7	6	6	...	1255	875	950	...	8792	5290	4751	...
3512 Building/repairing of pleasure/sport. boats		40	32	32	...	181	195	126	...	706	666	413	...
3520 Railway/tramway locomotives & rolling stock	
3530 Aircraft and spacecraft		4	3	3	...	110	105	110	...	647	691	756	...
359 Transport equipment n.e.c.	
3591 Motorcycles	
3592 Bicycles and invalid carriages	
3599 Other transport equipment n.e.c.	
3610 Furniture		881	829	791	...	2124	1933	2003	...	7488	7487	7724	...
369 Manufacturing n.e.c.		74	70	65	...	232	196	207	...	791	709	756	...
3691 Jewellery and related articles	
3692 Musical instruments		10u/	9u/	9u/	...	722u/	624u/	620u/	...	3396u/	3233u/	3408u/	...
3693 Sports goods	
3694 Games and toys		68	62	43	...	104	115	76	...	275	316	271	...
3699 Other manufacturing n.e.c.		7v/	6v/	6v/	...	20v/	23v/	26v/	...	63v/	97v/	96v/	...
3710 Recycling of metal waste and scrap	
3720 Recycling of non-metal waste and scrap	
D Total manufacturing		2921	2759	2605	...	26583	25552	25311	...	113390	113678	116519	...

s/ 3220 includes 3230.
t/ 3320 includes 3330.
u/ 3693 includes 3694.
v/ 3710 includes 3720.

a/ 1512 includes 1513.
b/ 1514 includes 1520.
c/ 1552 includes 1553.
d/ 1723 includes 1729.
e/ 1810 includes 1820.
f/ 2021 includes 2022.
g/ 2310 includes 2320 and 2411.
h/ 2412 includes 2421.
i/ 2429 includes 2430.
j/ 2691 includes 2692 and 2693.
k/ 2720 includes 2811 and 2812.
m/ 2893 includes 2899.
n/ 2912 includes 2915.
p/ 2919 includes 292.
q/ 3130 includes 3140.
r/ 3150 includes 3190.

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ISIC Industry	Output in producers' prices (thousand LIRI)				Value added in producers' prices (thousand LIRI)				Gross fixed capital formation (thousand LIRI)				
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
		1995	1996	1997	1998		1995	1996	1997	1998			
151 Processed meat, fish, fruit, vegetables, fats		10649	13442	14071	...		1610	2250	2376	...		156	...
1511 Processing/preserving of meat		17379a/	17217a/	21233a/	...		6455a/	5408a/	8119a/	...		3626a/	...
1512 Processing/preserving of fish		13559b/	14963b/	14814b/	...		2498b/	3020b/	3949b/	...		321b/	...
1513 Processing/preserving of fruit & vegetables	
1514 Vegetable and animal oils and fats	
1520 Dairy products		4964	5074	4282	...		883	783	900	...		48	...
153 Grain mill products; starches; animal feeds		12426	12445	14455	...		1819	1466	1720	...		236	...
1531 Grain mill products		15108	15976	16126	...		6258	6579	7445	...		549	...
1532 Starches and starch products		1125	730	601	...		483	301	284	...		16	...
1533 Prepared animal feeds		2107	2099	2016	...		921	969	997	...		236	...
154 Other food products		598	575	543	...		242	218	210	...		4	...
1541 Bakery products		19116c/	19479c/	20262c/	...		12430c/	12638c/	13262c/	...		733c/	...
1542 Sugar		7941	8151	8661	...		5121	5602	5604	...		259	...
1543 Cocoa, chocolate and sugar confectionery		16112	17766	21869	...		2551	3419	4556	...		6	...
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	
1711 Textile fibre preparation; textile weaving	
172 Finishing of textiles	
1721 Made-up textile articles, except apparel		833	935	941	...		392	369	369	...		...	...
1722 Carpets and rugs		763d/	825d/	696d/	...		481d/	455d/	373d/	...		- d/	...
1723 Cordage, rope, twine and netting		3120	3296	2897	...		1153	1059	753	...		- d/	...
1729 Other textiles n.e.c.	
1730 Knitted and crocheted fabrics and articles		63783e/	63440e/	59864e/	...		24166e/	27558e/	23094e/	...		754e/	...
1810 Wearing apparel, except fur apparel		4262	3867	3695	...		1421	1425	1392	...		66	...
1820 Dressing & dyeing of fur; processing of fur		13536	14205	12058	...		5042	5364	4208	...		164	...
191 Tanning, dressing and processing of leather	
1911 Tanning and dressing of leather		1057f/	1042f/	1084f/	...		545f/	488f/	548f/	...		3f/	...
1912 Luggage, handbags, etc.; saddlery & harness	
1920 Footwear		369	460	819	...		205	217	381	...		11	...
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	
2101 Pulp, paper and paperboard		3141	3063	3492	...		1456	1618	1916	...		479	...
2102 Corrugated paper and paperboard		4158	4818	4881	...		1303	1652	2029	...		45	...
2109 Other articles of paper and paperboard	
221 Publishing of books and other publications		254	334	754	...		196	247	383	...		95	...
2212 Publishing of newspapers, journals, etc.		1206	1265	1496	...		919	713	863	...		232	...
2213 Publishing of recorded media	
2219 Other publishing	

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ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation				
	(thousand LIRI)				(thousand LIRI)				(thousand LIRI)				
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
ISIC Industry													
222 Printing and related service activities		32304	31848	28415	...		16930	16121	15468	...		1035	...
2221 Printing		31720	31385	28121	...		16477	15838	15296	...		1021	...
2222 Service activities related to printing		584	463	294	...		453	283	172	...		14	...
2230 Reproduction of recorded media	
2310 Coke oven products		1891g/	1799g/	1951g/	...		1129g/	753g/	695g/	...		74g/	...
2320 Refined petroleum products		...g/	...g/	...g/	...		...g/	...g/	...g/	...		...g/	...
2330 Processing of nuclear fuel	
2411 Basic chemicals		...g/	...g/	...g/	...		...g/	...g/	...g/	...		...g/	...
2412 Fertilizers, except fertilizers		693h/	442h/	494h/	...		259h/	222h/	259h/	...		24h/	...
2413 Fertilizers and nitrogen compounds	
2414 Plastics in primary forms; Synthetic rubber	
242 Other chemicals	
2421 Pesticides and other agro-chemical products	
2422 Paints, varnishes, printing ink and mastics		4802	4664	4559	...		2482	2245	2106	...		121	...
2423 Pharmaceuticals, medicinal chemicals, etc.		9244	12331	15293	...		2156	3805	5392	...		480	...
2424 Soap, cleaning & cosmetic preparations		8742	8944	8194	...		3148	3362	1983	...		115	...
2429 Other chemical products n.e.c.		67041/	74641/	80671/	...		27141/	28941/	29771/	...		941/	...
2430 Man-made fibres		...1/	...1/	...1/	...		...1/	...1/	...1/	...		...1/	...
251 Rubber products		13720	13436	15784	...		9882	8023	8960	...		564	...
2511 Rubber tyres and tubes		135	140	109	...		45	37	47	...		...	...
2519 Other rubber products		13585	13296	15675	...		9837	7986	8913	...		564	...
2520 Plastic products		9858	10376	10803	...		4572	5232	5819	...		1751	...
2510 Glass and glass products		1596	1527	1667	...		784	719	811	...		33	...
2569 Non-metallic mineral products n.e.c.		805j/	722j/	942j/	...		409j/	404j/	463j/	...		26j/	...
25691 Pottery, china and earthenware	
25692 Refractory ceramic products	
25693 Struct-non-refractory clay; ceramic products	
25694 Cement, lime and plaster		57	48	50	...		21	16	20	...		...	...
25695 Articles of concrete, cement and plaster		18528	18661	16195	...		7405	7058	6475	...		712	...
25696 Cutting, shaping & finishing of stone		1915	2108	2310	...		777	911	1030	...		104	...
25699 Other non-metallic mineral products n.e.c.		1693	2374	1525	...		700	811	837	...		43	...
2710 Basic iron and steel		12748k/	10735k/	11990k/	...		6284k/	3228k/	4692k/	...		396k/	...
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		...k/	...k/	...k/	...		...k/	...k/	...k/	...		...k/	...
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		8378	6998	3954	...		2620	2891	597	...		168	...
2893 Cutlery, hand tools and general hardware		6593m/	6731m/	8959m/	...		3125m/	3043m/	3353m/	...		106m/	...
2899 Other fabricated metal products n.e.c.		...m/	...m/	...m/	...		...m/	...m/	...m/	...		...m/	...
291 General purpose machinery	
2911 Engines & turbines(not for transport equip.)	
2912 Pumps, compressors, taps and valves		2986n/	3645n/	12094n/	...		1028n/	-209n/	3366n/	...		621n/	...
2913 Bearings, gears, gearing & driving elements	
2914 Ovens, furnaces and furnace burners	
2915 Lifting and handling equipment		...n/	...n/	...n/	...		...n/	...n/	...n/	...		...n/	...
2919 Other general purpose machinery		2104p/	1349p/	9328p/	...		523p/	506p/	3698p/	...		62p/	...

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ISIC Revision 3		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
		Note												
15	Food and beverages	97	103	100	104	111	117	124	128	134	...	...	...
16	Tobacco products	111	111	100	118	110	107	108	109	120	...	...	...
17	Textiles	72	92	100	93	91	95	99	100	104	...	...	...
18	Wearing apparel, fur	96	99	100	86	81	98	111	97	107	...	...	...
19	Leather, leather products and footwear	89	94	100	101	111	134	127	137	140	...	...	...
20	Wood products (excl. furniture)	99	104	100	96	95	111	103	120	115	...	...	...
21	Paper and paper products	41	95	100	145	155	185	186	202	212	...	...	...
22	Printing and publishing	91	95	100	122	159	167	167	172	169	...	...	...
23	Coke, refined petroleum products, nuclear fuel	137	140	100	165	161	163	152	182	184	...	...	...
24	Chemicals and chemical products	79	88	100	122	142	167	174	189	201	...	...	...
25	Rubber and plastics products	86	90	100	108	117	127	144	159	164	...	...	...
26	Non-metallic mineral products	71	80	100	132	147	129	142	142	138	...	...	...
27	Basic metals	...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products	94	98	100	98	96	92	86	137	163	...	...	...
29	Machinery and equipment n.e.c.	126	120	100	137	158	195	209	237	215	...	...	...
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	84	78	100	177	170	196	211	204	205	...	...	...
32	Radio, television and communication equipment	45	73	100	119	162	166	212	245	211	...	...	...
33	Medical, precision and optical instruments	101	93	100	112	119	98	131	165	149	...	...	...
34	Motor vehicles, trailers, semi-trailers	25	63	100	128	82	90	93	86	97	...	...	...
35	Other transport equipment	73	86	100	87	81	80	75	68	42	...	...	...
36	Furniture; manufacturing n.e.c.	91	100	100	129	142	149	149	174	168	...	...	...
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	75	89	100	112	128	134	153	165	155	...	...	...

a/ 29 includes 30.

MAURITIUS

<p>Supplier of information: Central Statistical Office, Port-Louis.</p> <p>Basic source of data: Annual census of industrial production, employment survey.</p> <p>Major deviations from ISIC (Revision 2): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Establishments with 10 or more persons engaged.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <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>Related national publications: Census of Industrial Production (infrequent); Digest of Industrial Statistics; Survey of Employment and Earnings in large establishments, all published by the Central Statistical Office, Port-Louis.</p>
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MEXICO

<p>Source of information: Instituto Nacional de Estadística, Geografía e Informática (INEGI), Aguascalientes. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>Basic source of data: Economic census.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: All establishments.</p> <p>Method of enumeration: The inquiry is conducted by mail and interviews.</p> <p>Adjusted for non-response: No.</p>	<p>Concepts and definitions of variables: <u>Number of employees</u> covers all permanent and temporary employees who, in the course of the reference year, worked within or outside the establishment, and who were managed or supervised by the establishment. <u>Wages and salaries</u> covers all wages and salaries that the company has paid to staff during the reference year, as well as money in the form of social security benefits, employers' social security contributions and profit-sharing. <u>Output</u> refers to total gross output. <u>Value added</u> is obtained by subtracting the value of inputs (goods and services for intermediate consumption) from total gross output. <u>Gross fixed capital formation</u> includes purchase of new and used fixed assets, fixed assets produced for own use, major improvements, repairs and renovations carried out by third parties on fixed assets belonging to the establishment and sale of fixed assets.</p> <p>Related national publications: XV. Industrial Census, Economic Census, 1999, Manufacturing Industries, published by Instituto Nacional de Estadística, Geografía e Informática (INEGI), Aguascalientes.</p>
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222 Printing and related service activities	13.8	14.8	15.3	15.0	537	670	811	940
2221 Printing	13.8	14.8	15.3	15.0	537	670	811	940
2222 Service activities related to printing	...	...	...	...	...	...	...	...
2223 Reproduction of recorded media	2.1	2.4	2.4	2.4	158	198	265	309
2310 Coke oven products	2.2	2.2	2.1	2.0	92	145	164	170
2320 Refined petroleum products	4.6	4.7	4.9	5.2	261	334	431	536
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...
241 Basic chemicals	28.7	29.6	29.3	28.4	1817	2295	2732	3116
2411 Basic chemicals, except fertilizers	17.4	17.9	17.6	17.1	1075	1391	1649	1876
2412 Fertilizers and nitrogen compounds	4.6	4.6	4.4	4.1	275	318	369	362
2413 Plastics in primary forms; synthetic rubber	6.7	7.0	7.3	7.2	467	587	714	876
242 Other chemicals	92.2	95.4	99.9	102.0	5845	7547	9472	11456
2421 Pesticides and other agro-chemical products	1.9	2.0	2.1	2.0	115	160	220	260
2422 Paints, varnishes, printing ink and mastics	9.7	9.9	10.2	10.4	486	603	758	920
2423 Pharmaceuticals, medicinal chemicals, etc.	40.8	43.0	45.7	46.9	2901	3846	4893	5977
2424 Soap, cleaning & cosmetic preparations	30.0	30.3	30.9	31.6	1792	2236	2663	3158
2429 Other chemical products n.e.c.	9.8	10.1	11.0	11.2	550	701	937	1141
2430 Man-made fibres	16.1	16.6	16.8	16.1	733	946	1171	1368
251 Rubber products	21.3	22.2	23.1	22.9	1001	1311	1609	2022
2511 Rubber tyres and tubes	8.5	8.6	9.0	8.9	626	848	1053	1350
2519 Other rubber products	12.9	13.6	14.1	14.0	376	462	556	672
2520 Plastic products	54.9	59.7	60.7	61.1	1660	2185	2624	3119
2610 Glass and glass products	26.8	27.1	27.6	27.5	1137	1415	1665	1995
269 Non-metallic mineral products n.e.c.	44.4	44.8	45.8	45.7	1753	1942	2375	2968
2691 Pottery, china and earthenware	6.6	7.2	7.2	7.7	171	221	298	366
2692 Refractory ceramic products	1.7	1.6	1.5	1.5	82	86	96	112
2693 Struct non-refractory clay; ceramic products	10.4	11.4	12.6	13.0	311	414	556	705
2694 Cement, lime and plaster	13.7	12.6	12.3	11.9	799	769	1174	1174
2695 Articles of concrete, cement and plaster	11.9	12.0	12.2	11.7	391	452	523	612
2696 Cutting, shaping & finishing of stone	...	...	...	...	...	...	...	...
2699 Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...
2710 Basic iron and steel	34.4	35.7	36.4	34.2	1713	2346	2778	3111
2720 Basic precious and non-ferrous metals	17.0	18.7	19.1	19.6	659	865	1038	1223
273 Casting of metals	10.1	11.5	12.4	12.6	274	395	512	631
2731 Casting of iron and steel	9.9	11.2	12.1	12.2	265	382	496	612
2732 Casting of non-ferrous metals	0.2	0.3	0.3	0.3	9	13	16	19
281 Struct metal products; tanks; steam generators	12.9	12.3	13.9	14.9	377	434	581	751
2811 Structural metal products	6.9	6.4	7.4	7.2	180	203	295	348
2812 Tanks, reservoirs and containers of metal	6.0	5.8	6.5	7.7	197	231	285	403
2813 Steam generators	...	...	...	...	...	...	...	...
289 Other metal products; metal working services	28.5	30.9	32.6	32.6	1119	1428	1731	2077
2891 Metal forging/pressing/stamping/roll-forming	3.3	3.6	4.1	4.5	184	255	332	424
2892 Treatment & coating of metals	3.5	4.3	4.5	4.8	110	143	177	239
2893 Cutlery, hand tools and general hardware	21.7	23.0	23.9	23.4	825	1030	1222	1414
2899 Other fabricated metal products n.e.c.	...	...	...	...	...	...	...	...
291 General purpose machinery	32.0	35.9	37.8	36.8	1110	1470	1904	2264
2911 Engines & turbines (not for transport equip.)	13.1	15.1	15.4	14.6	441	603	748	888
2912 Pumps, compressors, fans and valves	...	...	...	...	...	...	...	...
2913 Bearings, gears, gearing & driving elements	...	...	...	...	...	...	...	...
2914 Ovens, furnaces and furnace burners	3.9	3.9	3.7	3.5	165	186	233	269
2915 Lifting and handling equipment	15.0	17.0	18.7	18.7	505	682	923	1107
2919 Other general purpose machinery	21.3	24.3	25.1	24.9	928	1288	1588	1905
292 Special purpose machinery	4.2	4.9	5.2	4.9	197	278	340	381
2921 Agricultural and forestry machinery	3.8	3.7	3.9	3.7	183	231	276	324
2922 Machine tools	...	...	...	...	...	...	...	...
2923 Machinery for metallurgy	3.1	3.7	4.0	4.0	127	190	245	297
2924 Machinery for mining & construction	4.7	4.9	5.2	5.4	168	212	264	344
2925 Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...
2926 Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...
2927 Weapons and ammunition	...	...	...	...	...	...	...	...
2929 Other special purpose machinery	5.6	7.0	7.0	6.9	253	378	464	559
2930 Domestic appliances n.e.c.	20.7	25.3	27.0	25.8	556	840	1032	1224

continued

Mexico

ISIC Revision 3

ISIC Industry	Number of establishments (numbers)				Number of persons engaged (thousands)				Wages and salaries paid to employees (million NEW PESOS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry	Note														
3000 Office, accounting and computing machinery		...	...	...	...	11.3	14.9	16.6	17.2			507	734	924	1218
3110 Electric motors, generators and transformers		...	...	...	...	12.6	14.4	16.1	17.3			537	747	1008	1235
3120 Electricity distribution & control apparatus		...	...	...	...	15.1	13.5	14.1	13.9			467	558	745	832
3130 Insulated wire and cable		...	...	...	...	5.6	6.1	5.9	5.5			291	343	381	358
3140 Accumulators, primary cells and batteries		...	...	...	...	3.1	3.6	4.0	4.2			95	138	180	236
3150 Lighting equipment and electric lamps		...	...	...	...	17.7	18.4	20.8	22.6			528	678	900	1188
3190 Other electrical equipment n.e.c.		...	...	...	...	2.3	2.6	3.0	3.1			65	87	125	165
3210 Electronic valves, tubes, etc.		...	...	...	...	2.5	3.3	3.4	3.1			159	229	340	385
3220 TV/radio transmitters; line comm. apparatus		...	...	...	...	1.9	2.2	2.5	2.5			49	71	93	118
3230 TV and radio receivers and associated goods		...	...	...	...	4.3	4.9	5.1	5.3			128	183	214	244
331 Medical, measuring, testing appliances, etc.		...	...	...	...	3.4	3.7	3.4	3.2			102	135	154	166
3311 Medical, surgical and orthopaedic equipment		...	...	...	...	0.9	1.2	1.6	2.1			26	48	60	78
3312 Measuring/testing/navigating appliances, etc.		...	...	...	...	2.9	2.9	3.4	2.6			81	92	131	145
3313 Industrial process control equipment		...	...	...	...	67.9	74.9	83.2	85.2			3645	4963	6465	8015
3320 Optical instruments & photographic equipment		...	...	...	...	6.6	9.0	9.5	8.9			164	289	386	380
3330 Watches and clocks		...	...	...	...	33.8	39.3	45.1	45.9			1258	1753	2405	2995
3410 Motor vehicles		...	...	...	...	1.3	1.2	1.4	1.4			35	46	68	78
3420 Automobile bodies, trailers & semi-trailers		...	...	...	...	1.3	1.2	1.4	1.4			35	46	68	78
3430 Parts/accessories for automobiles		...	...	...	...	0.9	1.0	1.3	1.4			46	69	107	142
351 Building and repairing of ships and boats		...	...	...	...	2.9	3.7	4.0	4.1			75	112	139	164
3511 Building and repairing of ships		...	...	...	...	2.9	3.7	4.0	4.1			75	112	139	164
3512 Building/repairing of pleasure/sport. boats		...	...	...	...	2.9	3.7	4.0	4.1			75	112	139	164
3520 Railway/tramway locomotives & rolling stock		...	...	...	...	24.0	26.9	29.0	28.4			514	666	860	1045
3530 Aircraft and spacecraft		...	...	...	...	12.4	13.7	13.9	13.2			340	428	532	609
359 Transport equipment n.e.c.		...	...	...	...	1.6	1.8	1.8	1.8			35	40	48	55
3591 Motorcycles		...	...	...	...	4.2	4.4	4.3	4.1			77	97	114	128
3592 Bicycles and invalid carriages		...	...	...	...	6.6	7.5	7.8	7.3			228	291	370	426
3599 Other transport equipment n.e.c.		...	...	...	...	1311.7	1385.7	1442.3	1454.7			49666	63361	79062	95438
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		...	...	...	...	1311.7	1385.7	1442.3	1454.7			49666	63361	79062	95438

ISIC Industry	Output (million NEW PESOS)				Note	Value added (million NEW PESOS)				Note	Gross fixed capital formation (million NEW PESOS)	
	1996	1997	1998	1999		1996	1997	1998	1999		1998	1999
	ISIC Industry											
151 Processed meat, fish, fruit, vegetables, fats	37132	42953	49205	54621		10564	12181	13705	15830		2894	1954
1511 Processing/preserving of meat	12844	15646	17638	20217		3527	4448	5060	6260		664	589
1512 Processing/preserving of fish	2034	2678	2500	2624		533	737	652	660		189	64
1513 Processing/preserving of fruit & vegetables	6553	8701	10864	12672		2622	3401	3857	4611		854	774
1514 Vegetable and animal oils and fats	15701	19108	18203	19108		3982	3595	4127	4299		1187	517
1520 Dairy products	22153	27646	34707	42119		5575	6895	8686	10777		1109	1600
1531 Grain mill products	39502	46164	50135	50135		11718	11686	13984	15734		1486	752
1532 Starches and starch products	23770	22669	26382	28738		8410	8242	9696	10986		868	122
1533 Prepared animal feeds	3655	4656	5640	6488		1315	1498	1946	2263		252	269
154 Other food products	12077	12327	14142	14908		1993	1946	2342	2485		376	360
1541 Bakery products	49630	58527	66580	77220		21334	25317	29617	34749		2618	2674
1542 Sugar	13330	15750	18909	21545		6945	8346	9371	10969		651	1018
1543 Cocoa, chocolate and sugar confectionery	14412	15865	16281	18220		4892	4971	5399	5441		941	403
1549 Other food products n.e.c.	3576	4362	5322	6943		1451	1785	2296	3203		318	340
155 Beverages	18313	22510	26068	30511		8046	10214	12560	15136		708	913
1551 Distilling, rectifying & blending of spirits	47017	55952	71145	87113		23135	26285	33613	41827		2803	6101
1552 Wines	3501	4237	5465	7372		1902	1395	2220	2579		317	766
1553 Malt liquors and malt	2688	3029	3747	4110		1262	1395	2220	2579		46	-6
1554 Soft drinks; mineral waters	16519	19627	24751	29881		9187	9882	12382	14805		1020	2945
1600 Tobacco products	24309	28699	37182	45750		10783	12591	15690	19471		1420	2395
171 Spinning, weaving and finishing of textiles	11407	10548	10903	13372		7395	6914	6727	8515		432	532
1711 Textile fibre preparation; textile weaving	13545	17419	19113	20479		5639	7075	8204	8843		1379	886
1712 Finishing of textiles	13194	16839	18440	19800		5209	6490	7532	8178		1299	863
172 Other textiles	351	680	673	679		429	585	672	665		81	23
1721 Made-up textile articles, except apparel	4868	6412	7863	8501		1836	2321	2842	3037		835	583
1722 Carpets and rugs	2100	3037	4046	4331		758	1021	1357	1517		440	387
1723 Cordage, rope, twine and netting	888	1086	1136	1048		308	420	486	418		139	-44
1729 Other textiles n.e.c.	296	346	403	395		105	132	151	159		38	43
1730 Knitted and crocheted fabrics and articles	1583	1942	2278	2726		665	798	878	943		218	206
1810 Wearing apparel, except fur apparel	4772	5685	6662	7179		1514	2090	2270	2597		576	496
1820 Dressing & dyeing of fur; processing of fur	5234	6391	7489	8676		2287	2721	3211	3448		520	278
191 Tanning, dressing and processing of leather	2474	3050	3389	3699		671	793	851	914		175	134
1911 Tanning and dressing of leather	1960	2468	2685	2956		461	572	607	654		138	113
1912 Luggage, handbags, etc.; saddlery & harness	514	582	704	743		211	244	244	260		38	22
1920 Footwear	3633	4606	5020	5636		1330	1571	1783	2094		235	306
2010 Sawmilling and planing of wood	2703	3350	3694	4121		791	920	1118	1266		223	150
202 Products of wood, cork, straw, etc.	1654	2047	2308	2566		481	611	749	818		141	92
2021 Veneer sheets, plywood, particle board, etc.	838	1027	939	1070		244	240	264	328		58	47
2022 Builders' carpentry and joinery	211	276	447	485		66	68	105	120		25	11
2023 Wooden containers	...	...	...	...		...	...	...	...		...	...
2029 Other wood products; articles of cork/straw	...	...	...	...		...	...	...	...		...	...
210 Paper and paper products	32409	35944	43148	50907		11455	12846	15628	18524		2764	5122
2101 Pulp, paper and paperboard	15016	15651	18464	21522		5562	5725	7627	8470		1209	2416
2102 Corrugated paper and paperboard	12386	14456	17977	21365		3804	4618	6078	7007		996	1519
2109 Other articles of paper and paperboard	5007	5837	6707	8020		2089	2504	3080	3890		559	1187
221 Publishing of books and other publications	7407	9343	11465	13676		4013	5132	6099	7556		465	324
2211 Publishing of newspapers, journals, etc.	2417	3306	3788	3860		1392	1612	1941	2307		202	70
2212 Publishing of newspapers, journals, etc.	4980	6037	7677	9697		2620	3520	4158	5249		264	254
2213 Publishing of recorded media	...	...	...	...		...	...	...	...		...	...
2219 Other publishing	...	...	...	...		...	...	...	...		...	...

continued

Mexico

ISIC Industry	Output (million NEW PESOS)				Value added (million NEW PESOS)				Gross fixed capital formation (million NEW PESOS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
	ISIC Industry														
222 Printing and related service activities		3714	4829	5730	6498		1611	2113	2589	3281		690	2113	2589	3281
2221 Printing		3714	4829	5730	6498		1611	2113	2589	3281		690	2113	2589	3281
2222 Service activities related to printing															
2230 Reproduction of recorded media		2244	2982	3621	4155		1185	1652	1871	2034		22	1652	1871	2034
2310 Coke oven products		1692	1830	2234	2620		435	361	733	786		217	361	733	786
2320 Refined petroleum products		4413	5152	6080	7016		1518	1818	2253	2216		265	1818	2253	2216
2330 Processing of nuclear fuel															
241 Basic chemicals, except fertilizers		38742	41911	43543	46253		13862	14295	14776	16110		1891	14295	14776	16110
2411 Basic chemicals, except fertilizers		21729	24299	25684	27594		8355	8885	9316	10095		1746	8885	9316	10095
2412 Fertilizers and nitrogen compounds		6833	6250	5297	4805		1955	1230	1297	1612		46	1297	1612	1612
2413 Plastics in primary forms; synthetic rubber		10181	11352	12562	13854		3552	4180	4162	4403		99	4180	4162	4403
242 Other chemicals		63986	81041	102908	126860		28504	37023	46386	56241		8658	37023	46386	56241
2421 Pesticides and other agro-chemical products		2248	3394	4316	4316		915	1284	1897	2064		350	1284	1897	2064
2422 Paints, varnishes, printing ink and mastics		5234	7357	8874	10731		2659	2908	3849	4186		463	2908	3849	4186
2423 Pharmaceuticals, medicinal chemicals, etc.		27343	34216	44115	56404		14229	18107	23324	26841		5215	18107	23324	26841
2424 Soap, cleaning & cosmetic preparations		19390	24921	31870	38619		7686	10421	13508	17249		1160	10421	13508	17249
2429 Other chemical products n.e.c.		8750	11143	14335	16790		3215	4303	5108	5902		1471	4303	5108	5902
2430 Man-made fibres		13953	15122	16012	15351		5363	5740	5448	5448		3220	5740	5448	5448
251 Rubber products		8062	10311	13338	13851		4195	5352	6612	6588		1315	5352	6612	6588
2511 Rubber tyres and tubes		5198	6725	8768	8913		2815	3409	4474	4199		863	3409	4474	4199
2519 Other rubber products		2864	3585	4569	4938		1380	2138	2390	2390		461	2138	2390	2390
2520 Plastic products		19047	24209	28175	31021		7214	8829	10031	11200		2912	8829	10031	11200
2610 Glass and glass products		11209	13910	16663	17645		5858	7083	8147	9147		1459	7083	8147	9147
2619 Non-metallic mineral products n.e.c.		24547	29227	38950	47844		13511	16203	21747	28132		2289	16203	21747	28132
2691 Pottery, china and earthenware		1333	1751	2198	2564		796	999	1214	1440		83	999	1214	1440
2692 Refractory ceramic products		764	798	833	833		283	320	320	346		7	320	346	346
2693 Structural refractory clay; ceramic products		3013	4088	5547	6553		1623	2174	2798	3298		1115	2174	2798	3298
2694 Cement, lime and plaster		16162	18327	24415	30646		9373	10954	14986	19904		600	10954	14986	19904
2695 Articles of concrete, cement and plaster		3276	4284	5957	7061		1435	1794	2429	3142		317	1794	2429	3142
2696 Cutting, shaping & finishing of stone															
2699 Other non-metallic mineral products n.e.c.															
2710 Basic iron and steel		56651	69250	76299	77066		18228	23171	24344	24215		4832	23171	24344	24215
2720 Basic precious and non-ferrous metals		24178	28908	30568	30688		7685	9005	9947	9639		4502	9005	9947	9639
273 Casting of metals		2225	2979	3642	3731		980	1285	1565	1665		408	1285	1565	1665
2731 Casting of iron and steel		2184	2909	3558	3626		961	1244	1521	1505		400	1244	1505	1505
2732 Casting of non-ferrous metals		41	70	84	105		19	41	44	60		8	41	44	60
281 Structural metal products; tanks; steam generators		3090	3553	4537	6173		1347	1640	1928	2597		431	1640	1928	2597
2811 Structural metal products		1583	1952	2407	2976		659	829	1066	1232		351	829	1066	1232
2812 Tanks, reservoirs and containers of metal		1507	1600	2129	3197		688	811	862	1365		80	811	862	1365
2813 Steam generators		17113	21155	24687	25477		6189	7528	9116	9642		2327	7528	9116	9642
289 Other metal products; metal working services															
2891 Metal forging/pressing/stamping/roll-forming		5693	7453	8481	7839		2066	2668	3142	2959		850	2668	3142	2959
2892 Treatment & coating of metals		714	1006	1234	1583		3705	4281	5307	506		184	4281	5307	506
2893 Cutlery, hand tools and general hardware		10706	12696	14972	16055		3705	4281	5307	5777		1294	4281	5307	5777
2899 Other fabricated metal products n.e.c.															
291 General purpose machinery		9154	11645	15331	15780		4511	5881	7072	7852		1052	5881	7072	7852
2911 Engines & turbines(not for transport equip.)		3087	4210	5404	5546		1643	2253	2659	2859		488	2253	2659	2859
2912 Pumps, compressors, taps and valves															
2913 Bearings, gears, gearing & driving elements															
2914 Ovens, furnaces and furnace burners															
2915 Lifting and handling equipment		615	877	1112	919		577	607	762	821		48	607	762	821
2919 Other general purpose machinery		5452	6723	9051	9315		2292	3022	3651	4172		516	3022	3651	4172

292 Special purpose machinery	9590	11338	11662	3424	4721	5592	5641	1257	904
2921 Agricultural and forestry machinery	3051	3009	3064	769	1236	1281	1223	506	325
2922 Machine tools	1291	1695	1601	581	718	842	811	227	200
2923 Machinery for metallurgy	2201	3095	2902	799	1141	1593	1529	339	236
2924 Machinery for mining & construction	992	1265	1444	508	516	666	755	82	70
2925 Food/beverage/tobacco processing machinery	...	...	...	...	...	...	...	...	...
2926 Machinery for textile, apparel and leather	...	...	...	...	...	...	...	...	...
2927 Weapons and ammunition	2054	2375	2651	768	1110	1210	1324	103	73
2929 Other special purpose machinery	13482	15758	17660	3251	4220	5081	5703	1070	1584
2930 Domestic appliances n.e.c.	22410	46362	49154	5535	8027	8892	8845	2506	795
3000 Office, accounting and computing machinery	3157	6297	8353	1668	2097	2666	3362	789	588
3110 Electric motors, generators and transformers	7609	9494	11175	2418	2735	3096	3194	648	308
3120 Electricity distribution & control apparatus	2718	4192	4078	1128	1278	1995	1570	105	290
3130 Insulated wire and cable	469	673	1211	275	396	547	609	209	33
3140 Accumulators, primary cells and batteries	6240	8988	9987	2678	2975	3693	4225	1053	822
3150 Lighting equipment and electric lamps	604	1229	1430	270	375	551	618	38	37
3190 Other electrical equipment n.e.c.	1743	2629	2940	554	711	785	952	248	51
3210 Electronic valves, tubes, etc.	3345	4802	4231	1503	1941	2811	2593	87	163
3220 TV/radio transmitters; line comm. apparatus	2237	2629	2940	554	711	785	952	248	51
3230 TV and radio receivers and associated goods	1385	1779	1779	610	772	772	871	287	73
3311 Medical, measuring, testing appliances, etc.	959	933	1050	473	560	540	624	165	51
3312 Medical, surgical and orthopaedic equipment	426	548	728	136	204	232	246	122	22
3313 Measuring/testing/navigating appliances, etc.	1376	2286	2653	210	297	953	1044	215	91
3320 Industrial process control equipment	...	...	...	...	...	...	...	...	...
3330 Optical instruments & photographic equipment	...	...	...	...	...	...	...	...	...
3330 Watches and clocks	...	...	...	...	...	...	...	...	...
3410 Motor vehicles	146781	219567	255311	39905	47754	59851	72072	9489	11030
3420 Automobile bodies, trailers & semi-trailers	1258	2774	3137	578	851	1193	1249	172	304
3430 Parts/accessories for automobiles	16313	27355	33395	5862	7386	9363	11624	2299	2086
351 Building and repairing of ships and boats	277	425	433	103	127	165	159	31	-4
3511 Building and repairing of ships	277	425	433	103	127	165	159	31	-4
3512 Building/repairing of pleasure/sport boats	...	...	...	...	...	...	...	...	...
3520 Railway/tramway locomotives & rolling stock	286	1379	734	110	708	487	332	69	-105
3530 Aircraft and spacecraft	588	1227	1540	262	436	610	801	65	106
359 Transport equipment n.e.c.	588	1227	1540	262	436	610	801	65	106
3591 Motorcycles	...	...	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...	...	...
3610 Furniture	4192	7187	8463	1617	2263	2740	3277	535	332
369 Manufacturing n.e.c.	2422	3724	4247	1151	1448	1826	2002	303	301
3691 Jewellery and related articles	383	540	548	129	150	184	191	45	23
3692 Musical instruments	...	...	...	...	...	...	...	...	...
3693 Sports goods	...	...	...	...	...	...	...	...	...
3694 Games and toys	545	791	894	317	395	492	415	40	37
3699 Other manufacturing n.e.c.	1494	2392	2805	705	902	1150	1396	218	241
3710 Recycling of metal waste and scrap	...	...	...	...	...	...	...	...	...
3720 Recycling of non-metal waste and scrap	...	...	...	...	...	...	...	...	...
D Total manufacturing	825446	1198483	1359295	304763	365312	436732	502848	76483	70973

Mexico

ISIC Industry		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	ISIC Revision 3													
	Note													
15	Food and beverages	89	96	100	103	107	111	115	115	118	122	130	137	
16	Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles	90	95	100	103	102	100	101	94	109	121	125	128	
18	Wearing apparel, fur	...	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products	84	93	100	104	107	105	108	100	101	114	121	127	
22	Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel	88	96	100	101	103	101	104	104	110	118	125	128	
24	Chemicals and chemical products	...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products	90	94	100	104	110	113	118	105	113	120	125	130	
27	Basic metals	91	93	100	95	97	100	106	110	131	146	151	151	
28	Fabricated metal products	81	90	100	108	115	110	118	105	129	154	171	181	
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	87	94	100	104	108	107	111	106	117	129	139	144	

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

MONGOLIA

<p>Supplier of information: National Statistical Office of Mongolia, Ulan-Bator.</p> <p>Basic source of data: Census of industrial establishments.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: All establishments.</p> <p>Method of enumeration: The inquiry is carried out through questionnaires.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: Output 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>Related national publications: 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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222 Printing and related service activities	41	44	94	845	875	822	980	380.9	440.9	537.2	523.7
2221 Printing	41	44	94	845	875	822	980	380.9	440.9	537.2	523.7
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	-	-	1	-	-	-	15	-	-	-	0.9
2412 Fertilizers and nitrogen compounds	-	-	1	-	-	-	15	-	-	-	0.9
2413 Plastics in primary forms; synthetic rubber	-	-	-	-	-	-	-	-	-	-	-
242 Other chemicals	14	10	31	709	629	734	725	213.5	153.8	358.5	437.3
2421 Pesticides and other agro-chemical products	-	-	-	-	-	-	-	-	-	-	-
2422 Paints, varnishes, printing ink and mastics	1	6	7	16	16	574	512	6.5	15.3	308.3	335.1
2423 Pharmaceuticals, medicinal chemicals, etc.	7	1	9	512	504	574	512	142.4	120.5	308.3	335.1
2424 Soap, cleaning & cosmetic preparations	6	3	4	181	109	144	123	64.6	18.0	46.2	58.5
2429 Other chemical products n.e.c.	-	-	20	-	-	16	90	-	-	4.0	43.7
2430 Man-made fibres	-	-	-	-	-	-	-	-	-	-	-
251 Rubber products	1	2	1	12	9	20	2	0.6	7.0	-	-
2511 Rubber tyres and tubes	-	-	-	-	-	-	-	-	-	-	-
2519 Other rubber products	1	2	1	12	9	20	2	0.6	7.0	-	-
2520 Plastic products	-	-	-	-	-	-	-	-	-	-	-
2610 Glass and glass products	29	26	20	3726	2831	2119	1348	614.9	743.4	947.1	769.1
269 Non-metallic mineral products n.e.c.	2	1	6	112	20	30	15	15.8	15.8	9.8	40.3
2691 Pottery, china and earthenware	1	1	1	-	-	22	-	-	-	9.8	-
2692 Refractory ceramic products	6	10	3	676	914	369	149	262.4	294.0	144.0	35.0
2693 Struct.non-refractory clay; ceramic products	5	4	2	1719	894	1100	798	166.4	114.0	532.3	498.5
2694 Cement, lime and plaster	12	8	9	806	595	598	386	137.1	245.3	233.5	189.9
2695 Articles of concrete, cement and plaster	1	1	1	231	305	...	...	8.1	36.7	5.4	5.4
2696 Cutting, shaping & finishing of stone	1	1	1	122	103	...	...	25.1	37.6	12.5	5.4
2699 Other non-metallic mineral products n.e.c.	1	1	1	-	-	-	-	-	-	-	-
2710 Basic iron and steel	2	3	2	495	477	480	482	94.2	334.1	164.1	379.3
2720 Basic precious and non-ferrous metals	1	1	1	22	-	22	22	8.7	-	7.4	-
273 Casting of metals	1	-	-	20	-	25	22	8.5	-	3.8	-
2731 Casting of iron and steel	1	-	-	20	-	25	22	8.5	-	3.8	-
2732 Casting of non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
281 Struct.metall products;tanks;steam generators	3	7	2	142	213	89	87	40.6	93.0	5.9	4.4
2811 Structural metal products	3	7	2	142	213	89	87	40.6	93.0	5.9	4.4
2812 Tanks, reservoirs and containers of metal	-	-	-	-	-	-	-	-	-	-	-
2813 Steam generators	-	-	-	-	-	-	-	-	-	-	-
289 Other metal products, metal working services	1	-	3	18	-	76	135	4.0	-	19.8	95.5
2891 Metal forging/pressing/stamping/roll-forming	1	-	1	-	-	72	55	-	-	18.7	9.5
2892 Treatment & coating of metals	1	1	20	18	-	3	80	4.0	-	0.5	86.0
2893 Cutlery, hand tools and general hardware	-	-	-	-	-	1	-	-	-	0.6	-
2899 Other fabricated metal products n.e.c.	-	-	-	-	-	-	-	-	-	-	-
291 General purpose machinery	-	-	-	-	-	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	2	2	1	127	122	57	31	4.9	16.1	31.3	19.6
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	2	2	-	127	122	-	-	4.9	16.1	-	-
2927 Weapons and ammunition	-	-	-	-	-	-	-	-	-	-	-
2929 Other special purpose machinery	-	-	-	-	-	-	-	-	-	-	-
2930 Domestic appliances n.e.c.	-	-	1	-	-	57	31	-	-	31.3	19.6

cont inued

Mongolia

ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees (million TUGRIKS)				
	Note	(numbers)			Note	(numbers)			Note	(million TUGRIKS)			
		1996	1997	1998		1999	1996	1997		1998	1999		
ISIC Industry													
3000 Office, accounting and computing machinery		-	-	-	-	-	-	-	-	-	-	-	-
3110 Electric motors, generators and transformers		2	3	2	5	142	109	8	35	11.6	45.8	2.6	3.0
3120 Electricity distribution & control apparatus		-	-	-	-	-	-	-	-	-	-	-	-
3130 Insulated wire and cable		-	-	-	-	-	-	-	-	-	-	-	-
3140 Accumulators, primary cells and batteries		1	-	-	-	30	-	-	-	14.3	-	-	-
3150 Lighting equipment and electric lamps		-	-	1	-	-	-	74	-	-	-	3.5	-
3190 Other electrical equipment n.e.c.		-	-	-	-	-	-	-	-	-	-	-	-
3210 Electronic valves, tubes, etc.		8	3	1	1	200	81	9	1	60.8	22.1	2.6	-
3220 TV/radio transmitters; line comm. apparatus		-	-	-	-	-	-	-	-	-	-	-	-
3230 TV and radio receivers and associated goods		-	-	-	-	-	-	-	-	-	-	-	-
3311 Medical, measuring, testing appliances, etc.		3	2	3	11	147	115	110	173	27.9	31.2	69.4	115.8
3312 Measuring/testing/navigating appliances, etc.		2	2	3	11	117	115	110	173	21.4	31.2	69.4	115.8
3313 Industrial process control equipment		1	-	-	-	30	-	-	-	6.5	-	-	-
3320 Optical instruments & photographic equipment		1	1	1	1	7	6	4	40	1.6	1.0	0.3	0.9
3330 Watches and clocks		-	-	-	-	-	-	-	-	-	-	-	-
3410 Motor vehicles		-	-	-	-	10	-	-	-	-	-	-	-
3420 Automobile bodies, trailers & semi-trailers		-	-	-	-	346	108	2	-	52.2	52.7	0.9	-
3430 Parts/accessories for automobiles		6	6	1	-	-	-	-	-	-	-	-	-
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	87	99	113	114	52.2	82.5	113.5	124.6
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		14	11	8	18	428	185	146	157	15.6	59.2	52.6	28.5
369 Manufacturing n.e.c.		10	11	11	43	532	422	1269	408	113.5	498.3	506.5	114.6
3691 Jewellery and related articles		1	2	4	1	135	148	122	86	66.6	79.3	81.0	64.7
3692 Musical instruments		-	-	-	-	-	-	-	-	-	-	-	-
3693 Sports goods		-	-	-	-	-	-	-	-	-	-	-	-
3694 Games and toys		-	-	-	-	-	-	-	-	-	-	-	-
3699 Other manufacturing n.e.c.		9	9	7	42	397	274	1147	322	46.9	419.0	425.5	59.9
3710 Recycling of metal waste and scrap		-	-	-	-	-	-	-	-	-	-	-	-
3720 Recycling of non-metal waste and scrap		-	-	-	-	-	-	-	-	-	-	-	-
D Total manufacturing		387	376	392	1023	33664	29565	27998	28106	8554.4	11429.4	13702.1	15759.1

Mongolia

ISIC Industry	Output in producers' prices (million TUGRIKS)				Value added in producers' prices (million TUGRIKS)				Gross fixed capital formation (million TUGRIKS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry										
151 Processed meat, fish, fruit, vegetables, fats		16174.2	13424.9	14157.0	11742.5		1858.6	3545.0	4684.7	1167.7
1511 Processing/preserving of meat		14993.7	13424.9	14144.4	11742.5		1789.5	3545.0	4657.5	1167.7
1512 Processing/preserving of fish										
1513 Processing/preserving of fruit & vegetables		31.8		12.6			21.0		7.2	
1514 Vegetable and animal oils and fats		1148.7	1297.0	1054.3	981.1		48.1	456.9	75.1	-77.6
1520 Dairy products		857.3	18140.5	16902.9	14964.7		-17.6	4250.1	2562.6	2702.0
1521 Grain mill products		17821.6	18140.5	16902.9	14964.7		3912.7	4250.1	2562.6	2702.0
1522 Grain mill products		17643.4	18140.5	16902.9	14964.7		3912.7	4250.1	2562.6	2702.0
1531 Starches and starch products										
1532 Starches and starch products		178.2					59.4			
1533 Prepared animal feeds		17017.2	22576.4	18706.7	16201.2		4448.2	4959.6	4233.8	4265.6
154 Other food products		16378.8	22576.4	18383.1	15862.1		4347.3	4959.6	4146.1	4190.2
1541 Bakery products										
1542 Sugar										
1543 Cocoa, chocolate and sugar confectionery										
1544 Macaroni, noodles & similar products		25.6		278.8	246.3		8.3		74.7	57.3
1549 Other food products n.e.c.		612.8		44.8	92.8		92.6		13.0	18.1
155 Beverages		9379.5	11666.2	22620.7	23354.6		3316.6	4742.7	13731.3	13731.3
1551 Distilling, rectifying & blending of spirits		9358.8	11122.4	21268.1	19490.5		3314.0	4515.8	13318.0	12142.8
1552 Wines			107.9				37.4			
1553 Malt liquors and malt		12.7	126.0	195.8	363.9		-0.6	26.8	81.7	175.7
1554 Soft drinks; mineral waters		8.0	309.9	1156.8	3500.2		3.2	162.7	475.8	1412.8
1600 Tobacco products										
171 Spinning, weaving and finishing of textiles		3811.0	4356.7	7224.2	8730.2		759.1	1450.7	957.3	1812.6
1711 Textile fibre preparation; textile weaving		3811.0	4356.7	7224.2	8730.2		759.1	1450.7	957.3	1812.6
1712 Finishing of textiles										
172 Other textiles		6501.0	7613.4	7585.7	7638.3		1852.8	1944.1	2382.1	2200.1
1721 Made-up textile articles, except apparel										
1722 Carpets and rugs		5856.5	7028.6	5435.4	7212.6		1522.2	1660.9	1460.2	2006.4
1723 Cordage, rope, twine and netting										
1729 Other textiles n.e.c.		644.5	584.8	2121.4	425.7		330.6	283.2	920.8	193.7
1730 Knitted and crocheted fabrics and articles		20077.8	25085.3	25538.0	36393.4		3910.9	10800.6	9420.2	11265.0
1810 Wearing apparel, except fur apparel		3657.3	4707.2	5926.1	11370.4		1720.6	2248.0	2741.0	5275.2
1820 Dressing & dyeing of fur; processing of fur		1981.1	1796.4	311.2	310.6		1062.0	826.8	-377.5	-4.5
1911 Tanning, dressing and processing of leather		697.7	431.9	1734.9	19.1		224.5	200.3	-79.4	-544.9
1912 Luggage, handbags, etc.; saddlery & harness		613.8	350.0	1715.5	19.1		208.6	187.1	-70.7	-544.9
1920 Footwear		63.9	81.9	19.4			15.9	13.2	-8.7	5.0
2010 Sawmilling and planing of wood		1512.1	1484.9	1132.6	791.8		1149.6	600.8	728.6	282.5
2020 Products of wood, cork, straw, etc.		2102.1	3015.7	2786.8	3046.4		734.5	1094.3	833.7	187.8
2021 Veneer sheets, plywood, particle board, etc.		280.5	1947.8	255.2	274.8		112.5	320.1	54.6	103.0
2022 Builders' carpentry and joinery				42.7	55.7					24.7
2023 Wooden containers				212.5	52.8					11.8
2029 Other wood products; articles of cork/straw		105.8	122.3				37.2	42.2		
210 Paper and paper products		173.7	1825.5		166.3		75.3	277.9		66.5
2101 Pulp, paper and paperboard										
2102 Corrugated paper and paperboard										
2109 Other articles of paper and paperboard										
221 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	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1998	1999
ISIC Industry													
2221 Printing and related service activities		2782.0	3310.2	3538.8	4706.9		834.2	1117.4	974.5	828.2		2904.3	5933.6
2222 Service activities related to printing		2782.0	3310.2	3538.8	4706.9		834.2	1117.4	974.5	828.2		2904.3	5933.6
2230 Reproduction of recorded media		-	-	-	-		-	-	-	-		-	-
2310 Coke oven products		-	-	-	-		-	-	-	-		-	-
2320 Refined petroleum products		-	-	-	-		-	-	-	-		-	-
2330 Processing of nuclear fuel		-	-	-	-		-	-	-	-		-	-
241 Basic chemicals		-	-	-	5.3		-	-	-	4.6		-	373.3
2411 Basic chemicals, except fertilizers		-	-	-	5.3		-	-	-	4.6		-	373.3
2412 Fertilizers and nitrogen compounds		-	-	-	-		-	-	-	-		-	-
2413 Plastics in primary forms; synthetic rubber		-	-	-	-		-	-	-	-		-	-
242 Other chemicals		2187.7	2755.7	3241.3	3360.5		724.9	920.7	1147.1	1516.9		3366.5	3869.2
2421 Pesticides and other agro-chemical products		-	-	-	-		-	-	-	-		-	-
2422 Paints, varnishes, printing ink and mastics		78.9	76.7	2092.5	1987.4		36.6	21.1	681.2	794.2		2260.9	2684.2
2423 Pharmaceuticals, medicinal chemicals, etc.		1150.4	2140.7	1113.7	1014.5		495.2	804.2	449.1	647.2		1094.2	1088.9
2424 Soap, cleaning & cosmetic preparations		958.5	538.3	35.1	358.6		193.1	95.4	16.8	75.5		11.4	86.1
2429 Other chemical products n.e.c.		-	-	-	-		-	-	-	-		-	-
2430 Man-made fibres		-	-	-	-		-	-	-	-		-	-
251 Rubber products		6.5	40.8	12.2	2.0		1.1	11.4	2.5	-		3.1	-
2511 Rubber tyres and tubes		-	-	-	-		-	-	-	-		-	-
2519 Other rubber products		6.5	40.8	12.2	2.0		1.1	11.4	2.5	-		3.1	-
2520 Plastic products		-	-	-	-		-	-	-	-		-	-
2610 Glass and glass products		7937.8	9269.7	7734.0	5136.5		1708.8	3563.7	1639.0	447.1		20390.9	20354.3
269 Non-metallic mineral products n.e.c.		72.3	56.3	38.9	71.0		24.5	21.5	14.7	-14.7		124.7	3115.8
2691 Pottery, china and earthenware		-	-	-	-		-	-	-	-		-	-
2692 Refractory ceramic products		1418.7	1672.0	513.2	124.4		590.2	711.4	125.9	25.3		695.3	624.4
2693 Struct.non-refractory clay; ceramic products		3814.2	5318.0	5026.9	3471.8		240.6	2043.3	822.2	98.4		15047.1	13005.8
2694 Cement, lime and plaster		2286.6	1976.8	1974.7	1430.6		764.2	734.1	644.3	328.4		3155.6	3608.3
2695 Articles of concrete, cement and plaster		221.8	98.2	38.5	38.7		49.2	6.1	9.7	9.7		-	-
2696 Cutting, shaping & finishing of stone		124.2	148.4	115.3	-		40.1	47.3	15.1	-		156.3	-
2699 Other non-metallic mineral products n.e.c.		-	-	-	-		-	-	-	-		-	-
2710 Basic iron and steel		1633.7	3971.8	4981.6	6894.2		-461.7	-466.2	87.0	976.1		28339.7	28093.5
2720 Basic precious and non-ferrous metals		-	-	39.8	46.9		-	-	15.0	11.6		13.6	-
273 Casting of metals		42.1	-	17.3	-		15.7	-	6.0	-		6.1	-
2731 Casting of iron and steel		42.1	-	17.3	-		15.7	-	6.0	-		6.1	-
2732 Casting of non-ferrous metals		-	-	-	-		-	-	-	-		-	-
281 Structural metal products;tanks;steam generators		118.8	547.8	109.2	200.6		-27.5	194.6	15.9	55.7		72.6	309.9
2811 Structural metal products		118.8	547.8	109.2	200.6		-27.5	194.6	15.9	55.7		72.6	309.9
2812 Tanks, reservoirs and containers of metal		-	-	-	-		-	-	-	-		-	-
2813 Steam generators		15.6	-	184.2	636.7		7.6	-	54.2	282.8		619.0	655.3
289 Other metal products; metal working services		-	-	178.8	162.3		-	-	51.8	129.1		602.9	639.2
2891 Metal forging/pressing/stamping/roll-forming		15.6	-	1.9	474.4		7.6	-	0.7	153.7		10.2	16.1
2892 Treatment & coating of metals		-	-	3.5	-		-	-	1.7	-		5.9	-
2893 Cutlery, hand tools and general hardware		-	-	-	-		-	-	-	-		-	-
2899 Other fabricated metal products n.e.c.		-	-	-	-		-	-	-	-		-	-
291 General purpose machinery		-	-	62.5	-		-	-	10.0	-		12.5	-
2911 Engines & turbines(not for transport equip.)		-	-	62.5	-		-	-	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	229.1	195.4	152.2	146.6	34.1	64.8	59.2	56.3	337.1	732.5
2921	Agricultural and forestry machinery	-	-	-	-	-	-	-	-	-	-
2922	Machine tools	-	-	-	-	-	-	-	-	-	-
2923	Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-
2924	Machinery for mining & construction	-	-	-	-	-	-	-	-	-	-
2925	Food/beverage/tobacco processing machinery	229.1	195.4	-	-	34.1	64.8	-	-	-	-
2926	Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-
2927	Weapons and ammunition	-	-	-	-	-	-	-	-	-	-
2929	Other special purpose machinery	-	-	152.2	146.6	-	-	59.2	56.3	337.1	732.5
2930	Domestic appliances n.e.c.	-	-	-	-	-	-	-	-	-	-
3000	Office, accounting and computing machinery	-	-	-	-	-	-	-	-	-	-
3110	Electric motors, generators and transformers	215.2	105.9	10.7	22.0	98.7	-50.7	2.6	6.0	156.5	290.9
3120	Electricity distribution & control apparatus	-	-	-	-	-	-	-	-	-	-
3130	Insulated wire and cable	-	-	-	-	-	-	-	-	-	-
3140	Accumulators, primary cells and batteries	87.3	-	-	-	98.7	-	-	-	-	-
3150	Lighting equipment and electric lamps	-	-	78.4	-	-	-	51.0	-	-	-
3190	Other electrical equipment n.e.c.	-	-	-	-	-	-	-	-	-	-
3210	Electronic valves, tubes, etc.	1555.4	104.6	15.3	27.5	582.9	35.8	5.2	3.9	5.9	5.9
3220	TV/radio transmitters; line comm. apparatus	-	-	-	-	-	-	-	-	-	-
3230	TV and radio receivers and associated goods	-	-	-	-	-	-	-	-	-	-
331	Medical, measuring, testing appliances, etc.	598.0	1044.3	1038.6	1103.5	190.1	667.6	573.8	-11.8	2111.7	2095.5
3311	Medical, surgical and orthopaedic equipment	551.7	1044.3	1038.6	1103.5	179.9	667.6	573.8	-11.8	2111.7	2095.5
3312	Measuring/testing/navigating appliances, etc.	46.3	-	-	-	10.2	-	-	-	-	-
3313	Industrial process control equipment	-	-	-	-	-	-	-	-	-	-
3320	Optical instruments & photographic equipment	6.7	3.9	3.0	1.4	2.8	1.4	1.6	0.6	0.1	0.1
3330	Watches and clocks	-	-	-	-	-	-	-	-	-	-
3410	Motor vehicles	-	-	-	-	-	-	-	-	-	-
3420	Automobile bodies, trailers & semi-trailers	347.0	119.6	6.1	-	3.8	-	-	-	9.5	-
3430	Parts/accessories for automobiles	-	-	-	-	96.7	-1.6	4.2	-	-	-
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	282.6	471.0	523.8	588.9	96.3	174.8	76.5	177.9	167.7	158.8
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	398.2	267.0	248.8	159.5	85.5	81.0	24.2	28.4	2163.2	742.7
369	Manufacturing n.e.c.	1239.9	3241.2	4581.0	711.1	284.1	680.8	1341.6	143.0	1013.5	279.2
3691	Jewellery and related articles	895.3	1019.2	827.9	222.3	166.1	248.3	236.9	71.6	542.4	243.6
3692	Musical instruments	-	-	-	-	-	-	-	-	-	-
3693	Sports goods	-	-	-	-	-	-	-	-	-	-
3694	Games and toys	-	-	-	-	-	-	-	-	-	-
3699	Other manufacturing n.e.c.	344.6	2222.0	4153.1	488.8	118.0	442.5	1104.7	71.4	471.1	35.6
3710	Recycling of metal waste and scrap	-	-	-	-	-	-	-	-	-	-
3720	Recycling of non-metal waste and scrap	-	-	-	-	-	-	-	-	-	-
D	Total manufacturing	121565.8	142993.3	152915.3	159569.2	29406.3	44445.8	48163.5	47893.2	176728.1	202733.9

Mongolia

ISIC Industry		Index numbers of industrial production															
		(1990=100)															
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999				
	Note	107	110	100	75	48	41	36	43	32	30	30	26				
15	Food and beverages	...	...	...	...	...	...	...	...	...	...	...	...
16	Tobacco products	99	112	100	84	76	54	38	53	61	49	52	55				
17	Textiles	98	111	100	89	39	19	17	41	25	33	28	36				
18	Wearing apparel, fur	92	96	100	66	48	31	27	13	6	2	2	1				
19	Leather, leather products and footwear	120	122	100	72	46	41	32	44	49	32	32	23				
20	Wood products (excl. furniture)	...	...	...	...	...	...	...	...	...	...	...	...
21	Paper and paper products	112	116	100	102	70	71	79	104	58	85	152	134				
22	Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel	103	106	100	89	83	74	68	70	68	67	72	76				
24	Chemicals and chemical products	...	...	...	...	...	...	...	...	...	...	...	...
25	Rubber and plastics products	105	105	100	66	50	39	48	61	68	53	45	46				
26	Non-metallic mineral products	119	118	100	77	101	34	50	102	95	171	146	148				
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	103	107	100	76	55	42	37	41	37	34	30	29				

MOROCCO

<p>Supplier of information: Direction de la statistique, Ministère de la Prévision Economique et du Plan, Rabat.</p> <p>Basic source of data: Industrial survey.</p> <p>Major deviations from ISIC (Revision 2): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: All establishments.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <u>Wages and salaries</u> is compensation of employees.</p> <p>Related national publications: 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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354 Misc. petroleum and coal products
355 Rubber products	29	33	31	33	2487	2806	2920	2506
3551 Tyres and tubes	6	6	7	7	1439	1426	1572	1304	240	271	259	...
3559 Other rubber products	23	27	25	26	1048	1380	1348	1202	39	62	58	...
356 Plastic products	261	270	280	281	10067	9967	11471	11633	299	356	394	...
361 Pottery, china, earthenware	26	31	34	34	5253	5126	5157	5462	212	212	206	...
362 Glass and products	23	23	24	22	1657	1718	1444	1110	65	74	59	...
369 Other non-metallic mineral products	408	419	444	463	30904	32579	32671	33074	1504	1491	2205	...
3691 Structural clay products	86	88	87	94	4704	4481	4649	4836	125	133	125	...
3692 Cement, lime and plaster	23	20	23	23	4452	3755	4076	4076	447	362	1166	...
3699 Other non-metallic mineral products	299	311	334	346	21748	24325	23946	24162	932	996	914	...
371 Iron and steel	5	5	5	7	997	908	954	1160	68	75	84	...
372 Non-ferrous metals	9	8	8	11	1001	956	1089	995	60	59	61	...
381 Fabricated metal products	445	463	492	518	23535	23230	23580	25805	986	1008	1096	...
3811 Cutlery, hand tools and general hardware	33	32	34	35	1326	1345	1103	1245	38	44	38	...
3812 Furniture and fixtures primarily of metal	210	217	237	255	11757	11914	12013	13315	484	480	476	...
3813 Structural metal products	180	193	194	198	9025	8897	8473	9267	403	424	441	...
3819 Other fabricated metal products	300	298	320	382	7219	6901	6466	18984	322	314	292	...
382 Non-electrical machinery	2	1	1	40	127	104	116	9241	10	8	8	...
3821 Engines and turbines	5	7	8	30	500	500	455	3618	29	29	30	...
3822 Agricultural machinery and equipment	8	8	6	9	147	111	83	486	4	3	3	...
3823 Metal and wood working machinery	26	25	21	21	923	717	526	581	48	43	46	...
3824 Other special industrial machinery	35	33	32	29	2187	2335	1601	1376	112	110	71	...
3825 Office, computing and accounting machinery	224	223	252	253	3335	3134	3585	3682	119	121	133	...
3829 Other non-electrical machinery & equipment	116	121	131	122	11276	11768	14063	15836	590	617	746	...
383 Electrical machinery	19	21	23	25	750	916	1167	1165	35	44	55	...
3831 Electrical industrial machinery	5	6	18	16	2830	3189	4228	620	187	196	266	...
3832 Radio, television and communication equipm.	6	4	5	5	387	264	304	169	11	4	9	...
3833 Electrical appliances and housewares	86	90	85	76	7309	7397	8364	13892	357	373	416	...
3839 Other electrical apparatus and supplies	116	121	113	150	11547	11899	12206	18091	685	700	732	...
384 Transport equipment	35	38	34	38	757	809	824	1061	51	55	53	...
3841 Shipbuilding and repairing	1	1	1	9	147	144	168	486	7	14	13	...
3842 Railroad equipment	65	70	68	70	9911	10273	10808	12859	591	595	648	...
3843 Motor vehicles	12	9	7	30	666	623	340	3618	34	33	16	...
3844 Motorcycles and bicycles	3	3	3	3	66	50	66	67	2	2	2	...
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	...
3849 Other transport equipment	35	35	38	39	1637	1636	1526	1058	54	54	48	...
385 Professional and scientific equipment	25	23	24	26	1285	1292	1171	687	43	39	31	...
3851 Prof. and scientific equipment n.e.c.	8	10	12	11	258	261	297	313	9	12	16	...
3852 Photographic and optical goods	2	2	2	2	94	83	58	58	2	2	1	...
3853 Watches and clocks	18	23	24	23	494	550	539	556	21	24	31	...
380 Other manufacturing industries	10	12	12	11	376	148	161	104	3	3	4	...
3801 Jewellery and related articles	8	1	1	1	376	...	...	64	18	...	...	...
3802 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	...
3803 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	...
3809 Manufacturing industries, n.e.c.	-	-	-	-	-	-	-	-	-	-	-	...
3 Total manufacturing	6282	6396	6578	6754	463237	475267	489854	512499	17253	18072	19402	...

Morocco

ISIC Industry	Output (million DIRHAMS)				Value added (million DIRHAMS)				Gross fixed capital formation (million DIRHAMS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
311/2 Food products		39280	42083	42370	43928		7910	8245	8890	9164
3111 Slaughtering, preparing & preserving meat		76	71	78	100		12	13	17	25
3112 Dairy products		4938	4731	5220	5224		837	848	1243	1206
3113 Canning, preserving of fruits & vegetables		4020	4093	4315	4853		865	849	1060	1076
3114 Canning, preserving and processing of fish		2678	3078	3871	4169		849	849	1304	1406
3115 Vegetable and animal oils and fats		4973	6788	5350	5674		1370	1231	1159	1038
3116 Grain mill products		9203	9775	10842	11245		893	1114	1060	1282
3117 Bakery products		1247	1220	1247	1383		319	363	425	484
3118 Sugar factories and refineries		5897	5922	5603	5195		1635	1767	1437	1406
3119 Cocoa, chocolate and sugar confectionery		501	446	382	406		106	107	106	128
3121 Other food products		2248	2468	2039	1998		764	745	580	613
3122 Prepared animal feeds		3399	3421	3423	3681		362	359	499	520
313 Beverages		4501	4493	4457	4548		2001	3296	2454	2268
3131 Distilling, rectifying and blending spirits		17	15	20	20		4	1	2	2
3132 Wine industries		886	910	881	490		260	296	305	229
3133 Malt liquors and malt		1912	1505	1583	1976		975	1113	1296	1191
3134 Soft drinks and carbonated waters		1686	2063	1973	2062		762	1886	851	846
314 Tobacco		4345	5401	6968	7250		6046	6152	6429	6711
321 Textiles		12992	13014	12665	11968		4098	4213	4364	4245
3211 Spinning, weaving and finishing textiles		7236	7184	6580	6110		2158	2125	2095	2099
3212 Made-up textile goods excl. wearing apparel		1083	1192	1103	1097		296	326	432	332
3213 Knitting mills		3206	3499	4186	4156		1034	1181	1523	1570
3214 Carpets and rugs		346	377	411	356		451	129	190	154
3215 Cordage, rope and twine		521	822	385	249		159	452	124	90
3219 Other textiles		8787	10041	10481	10755		3575	4093	4619	4567
322 Wearing apparel, except footwear		1337	1232	1029	846		262	275	283	203
323 Leather and fur products		937	810	633	481		136	149	175	76
3231 Tanneries and leather finishing		96	42	32	34		10	10	9	9
3232 Fur dressing and dyeing industries		306	380	364	331		100	116	99	118
3233 Leather prods. excl. wearing apparel		1020	1220	1178	1111		352	418	414	430
324 Footwear, except rubber or plastic		2151	2360	2045	1984		503	609	781	656
331 Wood products, except furniture		478	512	257	273		74	78	96	90
3311 Sawmills, planing and other wood mills		439	397	395	305		100	104	212	94
3312 Wooden and cane containers		1234	1391	1393	1406		329	427	473	472
3319 Other wood and cork products		503	463	465	578		184	163	183	215
332 Furniture and fixtures, excl. metal		4315	4663	4624	5054		1136	1268	1374	1663
341 Paper and products		2019	2226	2008	2129		600	609	658	802
3411 Pulp, paper and paperboard articles		2296	2437	2616	2925		536	659	716	861
3412 Containers of paper and paperboard		1625	2265	1798	1686		564	722	650	650
3419 Other pulp, paper and paperboard articles		13508	15999	15221	15379		5025	5889	5187	5506
342 Printing and publishing		10518	12691	12477	12504		4146	4970	4363	4739
351 Industrial chemicals		1588	1481	1083	1140		451	385	272	234
3511 Basic chemicals excl. fertilizers		1402	1627	1661	1735		428	534	552	533
3512 Fertilizers and pesticides		7181	8134	9197	8831		2252	2462	2872	2798
3513 Synthetic resins and plastic materials		1617	1888	2022	1936		502	560	635	652
352 Other chemicals		2409	2488	3173	2618		895	847	1073	1013
3521 Paints, varnishes and lacquers		2197	2631	2921	3185		547	737	816	749
3522 Drugs and medicines		958	1127	1081	1091		308	318	348	384
3523 Soap, cleaning preps., perfumes, cosmetics		...	...	...	...		...	...	...	...
3529 Other chemical products		...	...	...	...		...	...	...	...
353 Petroleum refineries		...	...	...	...		...	...	...	...

Morocco

ISIC Revision 2		Index numbers of industrial production (1990=100)											
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
ISIC Industry	Note	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
311/2 Food products		99	98	100	104	104	115	120	119	121	125	131	132
313 Beverages		84	92	100	113	112	99	104	110	117	112	130	132
314 Tobacco		108	97	100	95	91	90	102	104	110	109	107	103
321 Textiles		97	96	100	104	105	103	97	99	97	102	104	105
322 Wearing apparel, except footwear		100	101	100	93	103	108	116	127	135	144	152	147
323 Leather and fur products	a/b/	97	102	100	112	112	111	124	120	132	137	128	124
324 Footwear, except rubber or plastic	a/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		93	98	100	110	101	105	107	100	100	95	98	99
332 Furniture and fixtures, excl. metal		125	138	100	94	113	141	169	122	135	153	151	151
341 Paper and products		90	91	100	97	99	89	101	111	129	133	137	139
342 Printing and publishing		86	90	100	97	81	77	89	84	82	100	96	108
351 Industrial chemicals		101	85	100	91	93	98	87	85	99	...	...	...
352 Other chemicals		98	100	100	102	111	109	129	149	149	...	...	...
353 Petroleum refineries		87	94	100	94	105	107	114	105	102	109	107	125
354 Misc. petroleum and coal products		...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		82	93	100	104	95	96	103	106	113	114	116	121
356 Plastic products		81	84	100	101	96	98	100	99	105	...	...	...
361 Pottery, china, earthenware	c/	75	85	100	112	114	108	111	122	130	137	130	134
362 Glass and products	c/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	c/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	d/	83	101	100	107	104	100	101	115	113	127	125	140
372 Non-ferrous metals	d/	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		89	94	100	107	122	113	117	123	123	125	122	128
382 Non-electrical machinery		111	94	100	105	109	104	113	110	106	119	106	109
383 Electrical machinery		83	92	100	95	85	96	90	94	94	96	98	107
384 Transport equipment		87	92	100	103	85	78	81	79	90	94	99	102
385 Professional and scientific equipment		56	84	100	104	118	114	108	109	86	110	128	194
390 Other manufacturing industries		108	112	100	101	101	112	129	123	120	122	111	110
3 Total manufacturing		93	94	100	102	103	103	107	109	114	...	...	...

a/ 323 includes 324.

b/ Excluding fur and fur products.

c/ 361 includes 362 and 369.

d/ 371 includes 372.

MYANMAR

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

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees (million KYATS)					
	(numbers)				(numbers)				(million KYATS)					
	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry	Note													
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	5	5	5		912	873	774	522		1.5	1.4	2.0	
3117 Bakery products	7	5	5	5		78	82	77	89		8.7	6.6	7.7	
3118 Sugar factories and refineries														
3119 Cocoa, chocolate and sugar confectionery														
3121 Other food products	2	2	2	2		294	273	290	257		3.6	4.9	5.3	7.8
3122 Prepared animal feeds														
313 Beverages														
3131 Distilling, rectifying and blending spirits	4	4	4	4		370	386	415	389		15.4	16.9	19.6	22.8
3132 Wine industries														
3133 Malt liquors and malt	1	1	1	1		325	316	309	288		3.2	4.5	6.4	
3134 Soft drinks and carbonated waters	9	5	5	6		1114	1083	1017	872		20.9	19.7	22.7	24.1
314 Tobacco	4	4	3	3		1829	2069	2059	1994		36.5	43.9	46.5	54.2
321 Textiles														
3211 Spinning, weaving and finishing textiles	17	15	14	14		11505	10964	10206	9943		14.0	158.2	186.3	222.9
3212 Made-up textile goods excl. wearing apparel	3	5	5	4		1787	1700	1353	1353		27.9	72.7	42.5	39.9
3213 Knitting mills	1	1				315	275	267	262					
3214 Carpets and rugs														
3215 Cordage, rope and twine														
3219 Other textiles	1	1	1			448	463	438	430		11.1	84.1	152.8	164.7
322 Wearing apparel, except footwear														
323 Leather and fur products	2	2	2	2		350	363	368	384		4.4	6.0	5.7	6.2
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		1128	1030	1058	1020		9.1	15.3	13.7	14.2
331 Wood products, except furniture	111	110				16174	12560	5729	6865		210.1	152.0	81.9	182.1
3311 Sawmills, planing and other wood mills	102	102	97	97		13493	9908	5729	6865		181.8	123.9	81.9	182.1
3312 Wooden and cane containers	2	1				43	41				1.0	0.3		
3319 Other wood and cork products	7	7				2638	2611	588	569		27.3	27.8	10.1	9.8
332 Furniture and fixtures, excl. metal	7		7	5		1623		1468	1405		25.0		24.9	21.4
341 Paper and products														
3411 Pulp, paper and paperboard articles	4	4	3	3		2792	2812	2374	2580		53.1	60.3	57.7	53.9
3412 Containers of paper and paperboard	1	1	1	1		238	197	155	163		4.6	6.2	9.7	2.5
3419 Other pulp, paper and paperboard articles														
342 Printing and publishing	14	14	14	14		770	778	760	763		23.1	22.5	19.8	20.2
351 Industrial chemicals														
3511 Basic chemicals excl. fertilizers	2	2	2	2		139	138	125	140		2.7	3.4	2.6	2.7
3512 Fertilizers and pesticides	3	3	3	3		2164	2367	2250	2184		27.7	38.6	38.1	39.9
3513 Synthetic resins and plastic materials														
352 Other chemicals	10	10	9	10		3844	3667	3247	3783		75.7	88.3	122.0	143.1
3521 Paints, varnishes and lacquers	1	1	1	1		316	302	282	281		8.2	5.2	5.6	5.7
3522 Drugs and medicines	3	3	2	2		2048	1959	1112	2085		39.5	51.7	70.9	89.0
3523 Soap, cleaning preps., perfumes, cosmetics	5	5	5	6		1309	1230	1139	1302		24.7	28.4	41.8	44.7
3529 Other chemical products	1	1	1	1		171	156	114	115		3.4	3.0	3.6	3.7
353 Petroleum refineries	3	3	3	3		4479	4452	4197	4808		58.0	47.0	60.0	63.3

354 Misc. petroleum and coal products																				
355 Rubber products	2	2	2	2	1522	1399	1371	1555	16.0	20.1	20.4	20.1	20.1							
3551 Tyres and tubes	1	1	1	1	1209	1093	1084	1277	13.0	15.7	16.0	16.5	16.5							
3559 Other rubber products	1	1	1	1	313	306	287	278	3.0	4.4	4.4	3.7	3.7							
356 Plastic products	5	5	5	5	416	397	347	374	9.2	12.9	21.8	20.0	20.0							
361 Pottery, china, earthenware	2	2	2	2	588	647	678	841	8.7	9.3	11.0	13.2	13.2							
362 Glass and products	2	2	2	2	1571	1632	1599	1597	24.9	36.0	29.1	35.1	35.1							
369 Other non-metallic mineral products	12	...	3	...	6918	...	...	...	97.6	...	...	...	...			
3691 Structural clay products	4	4	4	3	1149	1304	1057	1086	18.5	23.5	41.6	45.8	45.8							
3692 Cement, lime and plaster	4	4	4	2	4827	4823	3460	3692	60.0	62.4	47.1	56.8	56.8							
3699 Other non-metallic mineral products	4	...	...	...	1142	...	...	...	19.2	...	...	...	...			
371 Iron and steel	2	2	1	1	1473	549	459	210	23.9	21.5	21.5	9.8	9.8							
372 Non-ferrous metals	...	7	2	2	...	1156	1202	1148	...	54.9	24.1	21.1	21.1							
381 Fabricated metal products	4	4	4	4	1212	964	882	866	14.7	12.6	12.3	12.8	12.8							
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	9	9	1195	2084	939	666	15.0	28.4	12.8	6.6	6.6							
3831 Electrical industrial machinery	9	9	9	9	...	1170	...	...	...	15.3	...	...	...				
3832 Radio, television and communication equipm.	1	1	1	...	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	1	1	1	1	655	610	734	776	13.0	9.2	14.4	13.7	13.7							
3839 Other electrical apparatus and supplies	1	1	1	1	313	304	158	174	3.4	3.9	1.7	3.7	3.7							
384 Transport equipment	...	...	...	...	...	...	...	...	...	...	...	...	...
3841 Shipbuilding and repairing	...	...	...	...	...	...	...	...	...	...	...	...	...
3842 Railroad equipment	...	...	...	...	...	...	...	...	...	...	...	...	...
3843 Motor vehicles	2	2	2	2	1590	1582	2283	2517	13.6	12.4	34.3	32.3	32.3							
3844 Motorcycles and bicycles	1	1	1	1	...	30	30	31	...	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	3660	3069	3376	4450	42.1	43.2	44.2	54.4	54.4							
3901 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...	...	...
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing	...	...	...	...	...	...	...	...	...	...	...	...	...

Myanmar

ISIC Industry	Output in producers' prices (million KYATS)					Value added (million KYATS)					Gross fixed capital formation (million KYATS)		
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1998	1999
ISIC Industry													
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		243.1a/	147.9	196.6			43.4	132.0	222.9		66.1	67.0	
3117 Bakery products		...a/	57.2	160.7			45.9	47.8	11.1		7.3	7.3	
3118 Sugar factories and refineries													
3119 Cocoa, chocolate and sugar confectionery													
3121 Other food products		197.5	100.0	181.9				428.2	406.4		251.4	263.0	
3122 Prepared animal feeds													
313 Beverages		1382.9	169.4	2043.5				3041.0	2426.2		370.4	391.3	
3131 Distilling, rectifying and blending spirits													
3132 Wine industries		373.7	535.8	397.2							2246.3		
3133 Malt liquors and malt		332.5	624.9	961.4					1392.4		351.0	426.0	
3134 Soft drinks and carbonated waters													
314 Tobacco		1105.8	1532.0	1689.5			2938.0	4358.5	4231.0		157.0	201.6	
321 Textiles		1994.6	1719.7	3092.8	4283.6		1141.1	1212.2	1912.3	2261.9	506.3	618.7	
3211 Spinning, weaving and finishing textiles		263.2	642.2	730.0	900.1		187.8	412.0	464.2	402.7	158.9	169.9	
3212 Made-up textile goods excl. wearing apparel													
3213 Knitting mills													
3214 Carpets and rugs													
3215 Cordage, rope and twine													
3219 Other textiles							654.8	533.9	1124.2	1289.4	284.1	680.6	
322 Wearing apparel, except footwear													
323 Leather and fur products		59.3	61.0	63.8	111.4		13.3	26.0	17.0	24.5	76.3	76.7	
3231 Tanneries and leather finishing													
3232 Fur dressing and dyeing industries													
3233 Leather prods. excl. wearing apparel													
324 Footwear, except rubber or plastic		93.9	119.6	137.9	204.7		31.7	32.3	48.5	48.4	75.7	85.5	
331 Wood products, except furniture		318.3	559.0	1596.1	613.1		1173.4	416.7	638.0	203.8	318.7	177.7	
3311 Sawmills, planing and other wood mills		191.5	355.5	1596.1	613.1		1148.1	389.1	638.0	203.8			
3312 Wooden and cane containers		3.8	5.3				2.6						
3319 Other wood and cork products		123.0	198.3	48.2	44.4		22.6	27.6	11.4	3.4	70.5	66.6	
332 Furniture and fixtures, excl. metal		108.7	134.8	86.7	53.8		10.0	15.9		9.1	214.7	39.6	
341 Paper and products		800.8	872.7	1051.0	1233.5		129.3	185.7	131.5	175.8	742.6	757.3	
3411 Pulp, paper and paperboard articles		95.7	118.2	273.0	302.0		36.6	33.9	32.5	30.0	87.9	82.5	
3412 Containers of paper and paperboard													
3419 Other pulp, paper and paperboard articles													
342 Printing and publishing		112.0	116.8	120.8	102.4						399.2	404.0	
351 Industrial chemicals		22.0	22.3	55.6	94.6		4.3	5.1	4.1	8.0	45.5	43.5	
3511 Basic chemicals excl. fertilizers		400.5	443.3	4704.9	4990.1						920.7	914.3	
3512 Fertilizers and pesticides													
3513 Synthetic resins and plastic materials													
352 Other chemicals		1523.6	3289.4	4630.0	8064.2		612.4	1709.3	1885.1	2761.9	792.4	1338.4	
3521 Paints, varnishes and lacquers		72.9	28.4	32.6	32.8		13.0	10.3	3.0	8.9	29.1	30.8	
3522 Drugs and medicines		313.0	807.8	1284.2	1330.2		189.3	637.6	1057.0	1057.7	426.2	495.5	
3523 Soap, cleaning preps, perfumes, cosmetics		1038.6	2301.2	3188.3	6353.0		383.1	1008.6	521.5	1636.9	287.3	759.8	
3529 Other chemical products		99.2	151.9	124.9	348.2		27.0	52.9	303.7	58.3	49.7	52.2	
353 Petroleum refineries		3269.3	17960.5	26482.4	26112.5						1055.2	1117.0	

354 Misc. petroleum and coal products																						
355 Rubber products	577.1	131.1	823.2	935.0		200.7	290.0				263.2	347.6										
3551 Tyres and tubes	537.4	91.7	773.6	856.1		167.6	275.3				246.6	332.2										
3559 Other rubber products	39.7	39.4	49.6	78.9		33.1	14.8				16.6	15.4			9.9	9.9					9.9	
356 Plastic products	167.9	282.3	431.7	628.8		76.8	60.9				154.4	146.7			115.1	152.2					152.2	
361 Pottery, china, earthenware	29.4	31.1	31.2	269.3		27.4	33.9								92.4	348.2					348.2	
362 Glass and products	395.4	423.4	500.8	378.1		234.4	26.8								49.2	833.1					833.1	
369 Other non-metallic mineral products	865.1					815.0																
3691 Structural clay products	71.0	72.6	181.8	230.9		67.3	68.3								19.9	141.5					141.5	
3692 Cement, lime and plaster	657.6	676.8	917.1	876.0		667.3	672.4								202.2	1517.7					1517.7	
3699 Other non-metallic mineral products	136.5					80.3																
371 Iron and steel	947.5	208.0	310.9	418.8		593.9	199.2				199.2				378.4	304.6					304.6	
372 Non-ferrous metals		351.2	386.6	512.8											722.1	729.5					729.5	
381 Fabricated metal products	48.3	107.5	72.5	142.1		13.9	17.3				18.6	12.1										
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	64.3	231.6	170.9	943.2		32.0	59.9				42.4	292.5										
3831 Electrical industrial machinery		117.1																				
3832 Radio, television and communication equipm.	34.9	98.9	133.4	72.2		14.2	40.8				46.6	30.4										
3833 Electrical appliances and housewares	5.0	15.6	17.5	73.9		3.0	4.7				7.9	30.3										
3839 Other electrical apparatus and supplies																						
384 Transport equipment																						
3841 Shipbuilding and repairing																						
3842 Railroad equipment																						
3843 Motor vehicles	242.5	241.7	701.3	1462.3		103.8	59.5				140.3	379.1										
3844 Motorcycles and bicycles		12.4	22.0	3.2			3.8				4.3	0.8										
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	295.3	466.6	775.9	1972.7		125.1	161.4				128.9	546.2										
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 Industry	Index numbers of industrial production												
	(1990=100)												
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
ISIC Industry	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
311/2 Food products	...	99	100	94	106	118	123	129	133	...	...	...
313 Beverages	97	81	100	70	41	44	45	77	176	203	208	232	
314 Tobacco	...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles	112	93	100	99	129	116	161	176	175	...	...	...
322 Wearing apparel, except footwear	...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products	...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture	96	127	100	81	95	104	104	104	106	113	97	...	
332 Furniture and fixtures, excl. metal	...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products	104	130	100	104	106	120	124	185	233	...	...	...
342 Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals	...	...	...	...	...	...	...	...	...	...	...	...
352 Other chemicals	93	97	100	98	98	97	128	182	173	...	...	...
353 Petroleum refineries	...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products	108	97	100	101	101	101	...	...	...	...	...	...
355 Rubber products	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	61	78	100	98	103	114	104	107	113	...	...	...
371 Iron and steel	...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
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>Supplier of information: Statistics Netherlands, Voorburg. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>Basic source of data: Annual production statistics.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Enterprises employing 20 or more employees.</p> <p>Method of enumeration: Questionnaires are distributed by mail.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <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>Related national publications: Yearly Production Statistics; Yearly Statistics on Fixed Capital Formation in Industry, both published by Statistics Netherlands, Voorburg.</p>
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Netherlands

ISIC Industry	Number of enterprises (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million GUILDERS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		306	321	322	...		33804	33882	35297	...		1959	2036	2055	2367
1511 Processing/preserving of meat		198	206	201	...		20526	20771	22118	...		1119	1166	1187	1416
1512 Processing/preserving of fish		44	41	39	...		2694	2750	2754	3800		121	126	131	172
1513 Processing/preserving of fruit & vegetables		51	55	63	...		7129	7406	7452	...		246	247	238	542
1514 Vegetable and animal oils and fats		13	19	19	...		3155	3075	2973	...		901	878	787	832
1520 Dairy products		38	38	43	...		11900	11787	11409	...		80	82	80	902
153 Grain mill products; starches; animal feeds		8	8	7	...		1063	1024	1012	1120		80	82	80	89
1531 Grain mill products		77	76	77	...		8570	8048	7659	2934		585	558	533	218
1532 Starches and starch products		290	274	282	...		18659	18651	19287	42613		919	932	938	596
1533 Prepared animal feeds		45	47	50	...		6893	6762	6856	...		484	515	491	3023
154 Other food products		33	33	34	...		11231	11290	11016	56		889	839	875	1622
1541 Bakery products		11	12	12	...		7826	7878	7522	6241		650	584	619	497
1542 Sugar		10	9	9	...		2412	2329	2477	2273		162	170	175	188
1543 Cocoa, chocolate and sugar confectionery		11	11	11	...		5424	5391	5354	5327		437	440	440	...
1544 Macaroni, noodles & similar products		59	54	50	...		5515	5173	5133	...		335	317	310	364
1545 Other food products n.e.c.		35	29	27	...		2862	2372	2407	...		175	146	143	165
155 Beverages		24	25	23	...		2853	2801	2726	3127		160	171	167	199
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...	...	629
1552 Wines		...	...	...	...		...	...	...	5801		...	...	...	218
1553 Malt liquors and malt		...	...	...	...		...	...	...	3320		...	...	...	157
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...	...	...	63
1600 Tobacco products		83	71	...	...		4076	3702	...	28		187	175	...	309
171 Spinning, weaving and finishing of textiles		23	20	20	...		874	777	886	1312		44	44	48	70
1711 Textile fibre preparation; textile weaving		8	9	10	...		422	465	539	643		23	27	32	38
1712 Finishing of textiles		15	11	10	...		452	312	347	569		21	17	16	32
172 Other textiles		23	24	21	...		1217	1201	1206	1566		62	62	62	82
1721 Made-up textile articles, except apparel		...	...	...	...		...	...	...	...		...	...	...	44
1722 Carpets and rugs		...	...	...	...		...	...	...	...		...	...	...	1003
1723 Cordage, rope, twine and netting		...	...	...	...		...	...	...	...		...	...	...	31
1729 Other textiles n.e.c.		...	...	...	...		...	...	...	11338		...	...	...	722
1730 Knitted and crocheted fabrics and articles		...	...	...	...		...	...	...	2381		...	...	...	128
1810 Wearing apparel, except fur apparel		...	...	...	...		...	...	...	...		...	...	...	123
1820 Dressing & dyeing of fur; processing of fur		...	...	...	...		...	...	...	...		...	...	...	...
1911 Tanning, dressing and processing of leather		...	...	...	...		...	...	...	...		...	...	...	1759
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...	...	...	524
1920 Footwear		...	...	...	...		...	...	...	...		...	...	...	508
2010 Sawmilling and planing of wood		...	...	...	...		...	...	...	...		...	...	...	652
2020 Products of wood, cork, straw, etc.		...	...	...	...		...	...	...	...		...	...	...	551
2021 Veneer sheets, plywood, particle board, etc.		...	...	...	...		...	...	...	...		...	...	...	...
2022 Builders' carpentry and joinery		...	...	...	...		...	...	...	...		...	...	...	2046
2023 Wooden containers		...	...	...	...		...	...	...	...		...	...	...	559
2029 Other wood products; articles of cork/straw		...	...	...	...		...	...	...	...		...	...	...	2005
210 Paper and paper products		159	176	203	...		22467	23140	25098	...		1542	1627	1715	1759
2101 Pulp, paper and paperboard		89	26	27	...		6771	6758	6882	...		496	515	508	524
2102 Corrugated paper and paperboard		82	95	102	...		9785	9279	9910	10060		651	619	652	683
2109 Other articles of paper and paperboard		48	55	74	...		5911	7103	8306	8198		395	493	555	551
221 Publishing of books and other publications		150	161	162	...		26837	26835	26773	34958		2014	2046	2046	2654
2211 Publishing of newspapers, journals, etc.		59	56	59	...		4610	4740	5225	7607		338	343	375	559
2212 Publishing of newspapers, journals, etc.		83	96	93	...		21727	21640	20946	26111		1645	1672	1633	2005
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...	...	54
2219 Other publishing		...	...	...	...		...	...	...	605		...	...	...	35

222 Printing and related service activities	477	29920	28612	27375	45160	1938	1908	1774	2840
2221 Printing	382	24792	23667	23140	37301	1624	1597	1521	2367
2222 Service activities related to printing	95	5128	4945	4235	7859	314	311	472	472
2230 Reproduction of recorded media	15	1605	1694	1982	...	117	112	120	144
2310 Coke oven products	...	...	...	...	5256	...	...	...	...
2320 Refined petroleum products	...	...	...	...	...	...	...	...	...
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...
241 Basic chemicals	116	35362	30995	29455	...	3225	2954	2807	2729
2411 Basic chemicals, except fertilizers	...	...	...	...	2400	...	...	...	1521
2412 Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...	179
2413 Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	2881
242 Other chemicals	8	791	724	728	702	54	53	53	59
2421 Pesticides and other agro-chemical products	64	7763	8126	8204	7508	502	547	545	570
2422 Paints, varnishes, printing ink and mastics	44	12789	13329	12771	...	933	995	949	1064
2423 Pharmaceuticals, medicinal chemicals, etc.	38	4850	5087	4383	...	347	369	306	356
2424 Soap, cleaning & cosmetic preparations	...	...	...	...	...	...	...	...	832
2429 Other chemical products n.e.c.	...	...	...	...	2916	...	...	...	118
2430 Man-made fibres	...	...	...	...	...	...	...	...	...
251 Rubber products	23	3764	3740	3562	...	239	236	230	249
2511 Rubber tyres and tubes	...	...	...	...	...	...	...	...	148
2519 Other rubber products	324	23242	23866	24374	2355	1427	1506	1514	1857
2520 Plastic products	35	5882	5495	5766	...	387	379	395	469
2610 Glass and glass products	241	21279	20856	21304	...	1334	1345	1343	...
2619 Non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...
2691 Pottery, china and earthenware	...	...	...	...	...	...	...	...	...
2692 Refractory ceramic products	...	...	...	...	...	...	...	...	...
2693 Struct. non-refractory clay; ceramic products	...	...	...	...	...	...	...	...	205
2694 Cement, lime and plaster	155	12260	12406	12561	...	757	787	784	...
2695 Articles of concrete, cement and plaster	13	443	340	525	1833	27	22	32	112
2696 Cutting, shaping & finishing of stone	...	...	...	...	...	...	...	...	226
2699 Other non-metallic mineral products n.e.c.	...	...	...	...	...	...	...	...	...
2710 Basic iron and steel	...	...	...	...	...	...	...	...	...
2720 Basic precious and non-ferrous metals	40	4494	4209	4253	...	265	259	262	288
273 Casting of metals	18	2862	2343	2260	...	151	141	136	...
2731 Casting of iron and steel	20	1832	1866	1993	...	113	119	126	...
2732 Casting of non-ferrous metals	...	...	...	...	...	...	...	...	...
281 Structural metal products;tanks;steam generators	509	32959	34292	35925	...	1979	2128	2186	2864
2811 Structural metal products	426	25018	26774	28432	...	1475	1626	1693	2310
2812 Tanks, reservoirs and containers of metal	79	6930	6646	6680	...	427	426	424	481
2813 Steam generators	4	1011	872	813	797	77	76	69	72
289 Other metal products; metal working services	479	31864	32007	33721	...	1877	1952	2002	3055
2891 Metal forging/pressing/stamping/roll-forming	88	6787	6954	6745	8172	394	419	411	506
2892 Treatment & coating of metals	188	8813	8378	9795	...	511	496	563	1251
2893 Cutlery, hand tools and general hardware	69	4473	4549	4930	...	275	292	306	384
2899 Other fabricated metal products n.e.c.	134	11791	12126	12251	...	697	745	722	914
291 General purpose machinery	497	37762	37512	39365	49709	2361	2432	2570	3225
2911 Engines & turbines(not for transport equip.)	27	3251	2884	2951	219	206	206	229	257
2912 Pumps, compressors, taps and valves	72	7164	7312	7835	9439	463	492	532	628
2913 Bearings, gears, gearing & driving elements	17	1356	1556	1965	95	82	97	95	115
2914 Ovens, furnaces and furnace burners	8	657	466	314	44	44	37	19	34
2915 Lifting and handling equipment	110	9103	9606	9407	11187	570	615	596	721
2919 Other general purpose machinery	248	16231	15688	17299	23144	983	985	1098	1470
292 Special purpose machinery	390	29087	28583	29563	...	1867	1865	1929	2342
2921 Agricultural and forestry machinery	78	4594	5168	5055	...	264	307	306	468
2922 Machine tools	36	2830	2202	2570	3159	182	148	159	200
2923 Machinery for metallurgy	...	...	...	...	...	...	...	...	6
2924 Machinery for mining & construction	...	...	...	...	1679	...	...	...	106
2925 Food/beverage/tobacco processing machinery	103	7792	6145	6477	7861	514	411	429	513
2926 Machinery for textile, apparel and leather	21	2284	1719	1812	1967	159	123	114	128
2927 Weapons and ammunition	...	...	...	...	...	...	...	...	37
2929 Other special purpose machinery	886
2930 Domestic appliances n.e.c.	22	1816	2029	2021	...	93	110	112	138

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ISIC Industry	Number of enterprises (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million GULDERS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		23	26	24	...		6963	6410	6451	...		477	487	490	584
3000 Office, accounting and computing machinery		40	41	43	...	2203	2264	2875	3865		134	139	183	212	
3110 Electric motors, generators and transformers		32	36	35	...	6588	6834	6261	6583		438	480	396	416	
3120 Electricity distribution & control apparatus		15	17	14	...	3100	2943	2945	3525		220	215	213	232	
3130 Insulated wire and cable		287		...	...	...	19	
3140 Accumulators, primary cells and batteries		2890		...	...	...	153	
3150 Lighting equipment and electric lamps		301	
3190 Other electrical equipment n.e.c.		4481		...	...	...	258	
3210 Electronic valves, tubes, etc.		64	
3220 TV/radio transmitters: line comm. apparatus		
3230 TV and radio receivers and associated goods		
331 Medical, measuring, testing appliances, etc.		20831		...	...	...	...
3311 Medical, surgical and orthopaedic equipment		8890		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		9510		...	...	...	680	
3313 Industrial process control equipment		1431		...	...	...	105	
3320 Optical instruments & photographic equipment		1787		...	...	...	114	
3330 Watches and clocks		127		...	...	...	7	
3410 Motor vehicles		102	109	111	...	6321	6205	6427	13145		...	...	...	928
3420 Automobile bodies, trailers & semi-trailers		26	30	30	...	4304	4685	4837	8782		...	...	...	524
3430 Parts/accessories for automobiles		132	140	130	...	12104	11556	11903	5528		...	...	...	330
351 Building and repairing of ships and boats		108	112	102	...	10534	9850	10071	15491		...	...	...	980
3512 Building/repairing of pleasure/sport boats		24	28	28	...	1570	1706	1832	11435		...	...	...	727
3520 Railway/tramway locomotives & rolling stock		4056		...	...	...	253	
3530 Aircraft and spacecraft		31	
359 Transport equipment n.e.c.		28	31	30	...	2235	2709	2962	3497		...	...	...	335
3591 Motorcycles		360		...	...	...	200	
3592 Bicycles and invalid carriages		2358		...	...	...	133	
3599 Other transport equipment n.e.c.		779		...	...	...	47	
3610 Furniture		303	309	295	...	16631	17035	17406	...		...	...	...	1548
369 Manufacturing n.e.c.		57	61	60	...	3802	4032	3953	...		...	...	...	945
3691 Jewellery and related articles		12	10	11	...	534	508	541	...		...	...	...	228
3692 Musical instruments		29	
3693 Sports goods		504		...	...	...	27	
3694 Games and toys		576		...	...	...	...
3699 Other manufacturing n.e.c.		655		...	...	...	...
3710 Recycling of metal waste and scrap		367		...	...	...	...
3720 Recycling of non-metal waste and scrap		1897		...	...	...	...
D Total manufacturing		6212	6350	6433	...	666793	660650	667033	...		44405	45434	45106	54650	

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ISIC Industry	Output in producers' prices (million GUILDERS)				Value added in factor values (million GUILDERS)				Gross fixed capital formation (million GUILDERS)				
	Note	1996	1997	1998	1999a/	Note	1996	1997	1998	1999	Note	1998	1999
		1996	1997	1998	1999a/		1996	1997	1998	1999			
1511 Processed peat, fish, fruit, vegetables, fats		25668	26979	28097	30206		3883	3989	4280	5037		845	891
1512 Processing/preserving of meat		15039	15657	15389	16878		1964	2040	2169	2523		445	474
1513 Processing/preserving of fish		969	986	1103	1566		195	206	227	342		41	57
1514 Processing/preserving of fruit & vegetables		4301	4336	4915	5630		1022	1066	1164	1425		279	280
1520 Vegetable and animal oils and fats		5359	6000	6690	6131		702	677	720	747		80	80
1521 Dairy products		13049	13539	14254	13280		1720	1862	1714	1729		310	317
153 Grain mill products; starches; animal feeds		1116	1123	1072	11761		193	190	149	2034		151b/	340
1531 Grain mill products					1097					184		151b/	32
1532 Starches and starch products					2114					820		214	122
1533 Prepared animal feeds		8906	9173	8549	8550		1202	1327	1233	1330		934	186
154 Other food products		3763	3883	4099	21083		1471	1506	1583	6223		...	939
1541 Bakery products		4525	4737	5933	6854		1232	1200	1100	2908		...	487
1542 Sugar		7146	7449	7556	1762		2330	2418	2446	824		...	77
1543 Cocoa, chocolate and sugar confectionery		25		...	...	...	5		...	139
1549 Other food products n.e.c.	
155 Beverages		546
1551 Distilling, rectifying & blending of spirits	
1552 Wines	
1553 Malt liquors and malt		4651	4876	4995	...		1735	1800	1821	...		...	...
1554 Soft drinks; mineral waters		1780	1795	1827	1884		406	413	430	338		...	134
1600 Tobacco products		7932	8687	9050	...		2472	2937	3151	...		140	171
171 Spinning, weaving and finishing of textiles		1527	1529	1584	1742		601	583	590	658		85	81
1711 Textile fibre preparation; textile weaving		874	798	724	943		300	252	262	308		49	35
1712 Finishing of textiles		653	731	724	798		301	311	328	350		36	46
172 Other textiles		4095		...	...	...	1257		...	205
1721 Made-up textile articles, except apparel		1223		...	...	...	440		...	45
1722 Carpets and rugs		1933		...	...	...	447		...	82
1723 Cordage, rope, twine and netting		120		...	...	...	44		...	7
1729 Other textiles n.e.c.		819		...	...	...	326		...	...
1730 Knitted and crocheted fabrics and articles		374		...	...	...	131		...	...
1810 Wearing apparel, except fur apparel		988	919	...	1716		...	...	...	524		45	43
1820 Dressing & dyeing of fur; processing of fur		4		...	...	...	1		...	...
1911 Tanning, dressing and processing of leather		267	319	381	500		70	74	86	127		16	14
1912 Luggage, handbags, etc.; saddlery & harness		184	248	307	330		42	52	62	70		14	7
1920 Footwear		83	71	74	170		28	22	24	57		2	7
2010 Sawmilling and planing of wood		242		...	...	...	93		16	13
2021 Products of wood, cork, straw, etc.		4958		...	...	...	1751		238	273
2022 Veneer sheets, plywood, particle board, etc.		182		...	...	...	48		4	4
2023 Builders' carpentry and joinery		1664	1957	2058	3375		579	645	681	1226		153	199
2025 Wooden containers		503	504	580	795		143	135	163	239		40	34
2029 Other wood products; articles of cork/straw		606		...	...	...	238		41	37
210 Paper and paper products		8940	9683	10470	10691		3044	3287	3614	3657		817	700
2101 Pulp, paper and paperboard		3259	3611	3696	3777		1087	1195	1251	1277		...	223
2102 Corrugated paper and paperboard		3396	3266	3517	3226		1196	1124	1264	1264		424d/	237
2109 Other articles of paper and paperboard		2275	2806	3257	3187		761	958	1140	1116		...	240
221 Publishing of books and other publications		9202	9623	10745	14015		4148	4489	4862	5978		568	325
2212 Publishing of newspapers, journals, etc.		1987	1993	2360	3539		808	862	862	1356		...	64
2213 Publishing of recorded media		7003	7343	7973	9698		3267	3546	3793	4374		...	244
2219 Other publishing		583		180		...	11
		196		68		...	6

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ISIC Industry	Output in producers' prices (million GUILDERS)				Value added in factor values (million GUILDERS)				Gross fixed capital formation (million GUILDERS)				
	Note	1996	1997	1998	1999a/	Note	1996	1997	1998	1999	Note	1998	1999
		1996	1997	1998	1999a/		1996	1997	1998	1999		1998	1999
ISIC Industry	Note	1996	1997	1998	1999a/	Note	1996	1997	1998	1999	Note	1998	1999
222 Printing and related service activities		8073	7829	7868	12350		3380	3305	3214	5372		1207	877
2221 Printing		7108	6863	7065	10637		2868	2811	2792	4507		...	743
2222 Service activities related to printing		965	966	803	1713		492	494	423	865		...	134
2230 Reproduction of recorded media		945	926	971	1075		287	298	300	322		107	58
2310 Coke oven products		...	...	...	...		...	...	...	...		...	...
2320 Refined petroleum products		...	...	...	...		...	...	...	...		...	...
2330 Processing of nuclear fuel		...	...	...	...		...	...	...	...		...	...
241 Basic chemicals		31436	36181	33708	34913		9005	9182	8094	7999		2803	3225
2411 Basic chemicals, except fertilizers		...	...	...	20646		...	...	...	4318		...	2512
2412 Fertilizers and nitrogen compounds		...	...	...	1675		...	...	...	317		...	78
2413 Plastics in primary forms; Synthetic rubber		...	...	...	24593		...	...	...	6651		...	634
242 Other chemicals		...	...	...	...		...	...	...	782		...	782
2421 Pesticides and other agro-chemical products		423	407	483	484		124	132	143	145		928	18
2422 Paints, varnishes, printing ink and mastics		2744	3102	3231	3690		954	1036	1055	1081		75	98
2423 Pharmaceuticals, medicinal chemicals, etc.		8665	10485	11170	12255		2211	2510	2295	2732		447	273
2424 Soap, cleaning & cosmetic preparations		2126	2327	2021	2401		680	732	678	800		93	103
2429 Other chemical products n.e.c.		...	...	...	5753		...	...	...	1893		213	290
2430 Man-made fibres		...	...	...	995		...	...	...	263		33	45
251 Rubber products		952	966	991	1133		401	395	414	494		73	54
2511 Rubber tyres and tubes		...	...	...	...		...	...	...	...		...	...
2519 Other rubber products		...	...	...	711		...	...	...	287		...	...
2520 Plastic products		7634	8427	8863	10363		2748	2962	3183	3807		701	644
2610 Glass and glass products		1752	1753	1889	2295		784	732	775	915		126	146
269 Non-metallic mineral products n.e.c.		6816	7104	7579	...		1951	3129	3232	...		32	...
2691 Pottery, china and earthenware		...	...	...	...		...	...	...	...		...	...
2692 Refractory ceramic products		...	...	...	...		...	...	...	...		...	...
2693 Struct.non-refractory clay; ceramic products		...	...	...	1084		...	...	...	591		...	82
2694 Cement, lime and plaster		3987	4297	4502	...		1576	1715	1760	...		57	...
2695 Articles of concrete, cement and plaster		107	108	141	519		45	39	56	217		19	30
2696 Cutting, shaping & finishing of stone		...	...	...	1455		...	...	...	536		125	106
2699 Other non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...		...	...
2710 Basic iron and steel		...	...	...	...		...	...	...	...		306	...
2720 Basic precious and non-ferrous metals		...	...	...	...		...	...	...	...		79	60
273 Casting of metals		997	1087	1178	1244		411	410	447	460		...	...
2731 Casting of iron and steel		509	493	519	...		227	207	208	...		...	...
2732 Casting of non-ferrous metals		488	594	659	...		184	204	240	...		...	...
281 Struct.metall products;tanks;steam generators		9624	10571	11592	14347		3030	3298	3580	4884		473	449
2811 Structural metal products		7220	7951	8932	11382		2301	2555	2808	3947		360	349
2812 Tanks, reservoirs and containers of metal		2032	2178	2133	2536		658	680	682	831		90	97
2813 Steam generators		371	442	527	429		71	62	89	106		3	3
289 Other metal products; metal working services		8213	8842	9722	13459		3286	3510	3740	5673		910	838
2891 Metal forging/pressing/stamping/roll-forming		1924	2089	2114	2448		677	759	749	935		145	102
2892 Treatment & coating of metals		1762	1856	2356	4856		861	863	1046	2331		392	387
2893 Cutlery, hand tools and general hardware		958	1012	1125	1406		478	518	560	718		100	91
2899 Other fabricated metal products n.e.c.		3569	3885	4127	4749		1270	1370	1385	1689		273	258
291 General purpose machinery		10954	11414	12660	14948		3644	3848	4286	5391		220e/	436
2911 Engines & turbines(not for transport equip.)		1374	1651	1645	1306		341	318	293	308		...	41
2912 Pumps, compressors, taps and valves		2128	2252	2672	3071		777	836	986	1193		...	105
2913 Bearings, gears, gearing & driving elements		360	376	405	480		140	164	172	185		...	18
2914 Ovens, furnaces and furnace burners		338	364	386	356		77	35	28	65		422f/	7
2915 Lifting and handling equipment		2701	2949	3121	3740		853	981	996	1210		...	82
2919 Other general purpose machinery		4053	4019	4732	6216		1456	1514	1801	2438		...	182

292 Special purpose machinery	9218	10179	10515	12610	3275	3407	3207	4217	587
2921 Agricultural and forestry machinery	1256	1455	1550	2539	432	519	543	907	70
2922 Machine tools	733	735	781	977	292	240	273	356	30
2923 Machinery for metallurgy	...	...	...	24	...	...	...	10	...
2924 Machinery for mining & construction	...	...	...	488	...	...	...	175	...
2925 Food/beverage/tobacco processing machinery	1950	1599	1766	2101	741	610	670	795	100
2926 Machinery for textile, apparel and leather	631	508	515	576	279	232	235	269	27
2927 Weapons and ammunition	...	...	...	168	...	...	...	69	6
2929 Other special purpose machinery	529	682	682	5736	156	209	211	1635	329
2930 Domestic appliances n.e.c.	...	...	...	801	...	...	...	265	25
3000 Office, accounting and computing machinery	3155	5174	5784	6164	833	1002	1216	1119	93
3110 Electric motors, generators and transformers	604	676	883	1073	205	221	267	340	43
3120 Electricity distribution & control apparatus	1894	2059	1878	2030	787	795	701	794	93
3130 Insulated wire and cable	1327	1384	1318	1397	480	479	509	549	49
3140 Accumulators, primary cells and batteries	...	...	...	75	...	...	...	31	2
3150 Lighting equipment and electric lamps	...	...	...	775	...	...	...	276	16
3190 Other electrical equipment n.e.c.	...	...	...	1525	...	...	...	604	117
3210 Electronic valves, tubes, etc.	...	...	...	1250	...	...	...	449	60
3220 TV/radio transmitters; line comm. apparatus	...	...	...	242	...	...	...	89	11
3230 TV and radio receivers and associated goods	...	...	...	...	...	...	...	...	...
331 Medical, measuring, testing appliances, etc.	...	...	...	...	...	...	...	...	...
3311 Medical, surgical and orthopaedic equipment	...	...	...	2707	...	...	...	1131	104
3312 Measuring/testing/navigating appliances, etc.	...	...	...	411	...	...	...	170	10
3313 Industrial process control equipment	...	...	...	609	...	...	...	302	28
3320 Optical instruments & photographic equipment	...	...	...	34	...	...	...	13	1
3330 Watches and clocks	...	...	...	...	...	...	...	2	...
3410 Motor vehicles	1870	1795	2147	11545	527	509	571	2411	...
3420 Automobile bodies, trailers & semi-trailers	1498	1694	1732	2992	402	472	483	878	145
3430 Parts/accessories for automobiles	...	...	...	1871	...	...	...	531	...
351 Building and repairing of ships and boats	4235	4461	5474	6493	1046	958	1210	1580	147
3511 Building and repairing of ships	3755	3892	4857	5163	901	799	1034	1166	98
3512 Building/repairing of pleasure/sport. boats	480	569	616	1330	145	159	176	414	49
3520 Railway/tramway locomotives & rolling stock	...	...	...	151	...	...	...	48	1
3530 Aircraft and spacecraft	...	...	...	1404	...	...	...	604	94
359 Transport equipment n.e.c.	756	899	1109	1358	229	271	313	395	23
3591 Motorcycles	...	...	...	102	...	...	...	31	3
3592 Bicycles and invalid carriages	...	...	...	997	...	...	...	280	15
3599 Other transport equipment n.e.c.	...	...	...	259	...	...	...	84	4
3610 Furniture	3982	4397	4788	7737	1394	1522	1635	2831	397
369 Manufacturing n.e.c.	1065	1181	1179	2001	439	485	480	810	111
3691 Jewellery and related articles	107	112	126	318	43	44	49	142	11
3692 Musical instruments	...	...	...	105	...	...	...	49	5
3693 Sports goods	...	...	...	159	...	...	...	66	5
3694 Games and toys	...	...	...	203	...	...	...	79	6
3699 Other manufacturing n.e.c.	...	...	...	1216	...	...	...	474	20
3710 Recycling of metal waste and scrap	...	...	...	258	...	...	...	52	22
3720 Recycling of non-metal waste and scrap	...	...	...	1088	...	...	...	146	112
D Total manufacturing	306095	333445	...	350589	87928	94093	95526	113397	18828
									17273

a/ Output (valuation undetermined).

b/ 1531 includes 1532

c/ 1722 includes 1723 and 1729.

d/ 2102 includes 2105.

e/ 2911 includes 2912 and 2913.

f/ 2914 includes 2915 and 2919.

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

h/ 3520 includes 3599.

Netherlands

ISIC Revision 3		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
ISIC Industry	Note	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
15 Food and beverages		93	97	100	105	107	109	115	118	121	121	120	125	
16 Tobacco products		78	91	100	106	103	96	106	116	112	118	119	116	
17 Textiles		93	96	100	96	88	86	85	84	85	86	91	91	
18 Wearing apparel, fur		83	91	100	96	88	86	84	72	67	65	59	54	
19 Leather, leather products and footwear		117	101	100	96	88	86	77	69	67	68	75	73	
20 Wood products (excl. furniture)		99	101	100	97	94	93	99	103	99	105	125	128	
21 Paper and paper products		93	98	100	99	100	97	104	105	103	111	111	110	
22 Printing and publishing		94	97	100	102	100	100	103	105	108	112	118	121	
23 Coke, refined petroleum products, nuclear fuel		95	90	100	100	102	97	109	116	118	78	85	87	
24 Chemicals and chemical products		94	98	100	97	98	99	109	116	111	117	116	126	
25 Rubber and plastics products		86	95	100	102	101	99	106	106	108	116	122	125	
26 Non-metallic mineral products		96	99	100	97	94	93	99	99	101	100	103	108	
27 Basic metals		101	106	100	101	98	97	109	110	107	116	119	119	
28 Fabricated metal products		90	95	100	104	104	96	101	105	105	108	111	114	
29 Machinery and equipment n.e.c.		...	...	100	100	97	95	100	106	111	119	120	120
30 Office, accounting and computing machinery	a/	...	...	100	99	99	101	107	110	111	111	125	128
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	100	112	126	130
35 Other transport equipment		...	...	100	104	105	95	90	86	87	91	93	96
36 Furniture; manufacturing n.e.c.	b/	...	...	100	97	94	93	93	95	95	98	101	103
37 Recycling	b/	...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		93	97	100	100	100	98	104	108	108	111	115	118	

a/ 30 includes 31, 32 and 33.
b/ 36 includes 37.

NETHERLANDS ANTILLES

<p>Supplier of information: Central Bureau of Statistics, Willemstad.</p> <p>Basic source of data: National accounts survey; establishment census; labour force survey.</p> <p>Major deviations from ISIC (Revision 3): Data do not include petroleum refineries.</p> <p>Reference period (if not calendar year):</p> <p>Scope: All establishments.</p> <p>Method of enumeration: For the National Accounts Survey, establishments with 10 or more employees are completely enumerated and establishments with less than 10 employees are sampled. All establishments are completely enumerated for the Business Census. The survey is carried out by mail and personal visits.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: Output is gross output. Value added is total value added.</p> <p>Related national publications: 1993-1997 National Accounts Survey; Business Census 1998; Labour Force Survey 1998, all published by the Central Bureau of Statistics, Willemstad.</p>
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NIGERIA

<p>Supplier of information: Federal Office of Statistics, Lagos.</p> <p>Basic source of data: Annual survey of manufacturing industries.</p> <p>Major deviations from ISIC (Revision 2): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Establishments with 10 or more persons engaged.</p> <p>Method of enumeration: The survey is carried out through personal interviews.</p> <p>Adjusted for non-response: No.</p>	<p>Concepts and definitions of variables: <u>Wages and salaries</u> is compensation of workers.</p> <p>Related national publications: Reports of the Annual Survey of Manufacturing Industries; published by the Federal Office of Statistics, Lagos.</p>
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Nigeria

ISIC Industry	Number of establishments (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million NAIRAS)						
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
311/2 Food products		370	363	...	...		56356	57680	...	...		989.5	1210.3	...	...
3111 Slaughtering, preparing & preserving meat		27	27	...	...		352	390	...	...		8.5	10.0	...	...
3112 Dairy products		25	25	...	...		741	806	...	...		29.0	34.9	...	...
3113 Canning, preserving of fruits & vegetables		3	3	...	...		385	398	...	...		6.9	8.0	...	...
3114 Canning, preserving and processing of fish		18	18	...	...		5959	6153	...	...		96.3	116.1	...	...
3115 Vegetable and animal oils and fats		2	2	...	...		68	84	...	...		1.6	1.8	...	...
3116 Grain mill products		191	185	...	...		7561	6977	...	...		241.0	282.0	...	...
3117 Bakery products		99	98	...	...		40898	42477	...	...		594.4	744.1	...	...
3118 Sugar factories and refineries		5	5	...	...		382	395	...	...		11.8	13.4	...	...
3119 Cocoa, chocolate and sugar confectionery		144	144	...	...		17233	15278	...	...		570.4	484.1	...	...
3122 Prepared animal feeds		1	1	...	...		1087	1101	...	...		8.6	11.7	...	...
313 Beverages		128	128	...	...		5938	6168	...	...		82.1	92.9	...	...
3131 Distilling, rectifying and blending spirits		7	7	...	...		8216	6472	...	...		418.8	359.3	...	...
3132 Wine industries		8	8	...	...		1992	1537	...	...		60.9	20.2	...	...
3133 Malt liquors and malt		-	-		-	-		-	-
3134 Soft drinks and carbonated waters		-	-		-	-		-	-
314 Tobacco		261	262	...	...		155753	154605	...	...		4254.9	3715.3	...	...
321 Textiles		218	219	...	...		142505	140641	...	...		2373.8	3205.7	...	...
3211 Spinning, weaving and finishing textiles		2	2	...	...		301	303	...	...		24.3	25.0	...	...
3212 Made-up textile goods excl. wearing apparel		34	34	...	...		11283	11983	...	...		1768.8	380.1	...	...
3213 Knitting mills		4	4	...	...		871	878	...	...		70.9	79.3	...	...
3214 Carpets and rugs		3	3	...	...		793	790	...	...		17.1	25.2	...	...
3215 Cordage, rope and twine		569	569	...	...		5519	5559	...	...		143.9	173.1	...	...
3219 Other textiles		39	39	...	...		5600	5764	...	...		125.6	379.4	...	...
322 Wearing apparel, except footwear		-	-		-	-		-	-
323 Leather and fur products		14	14	...	...		135	138	...	...		2.1	2.2	...	...
3231 Tanneries and leather finishing		104	108	...	...		2650	3042	...	...		43.4	51.7	...	...
3232 Fur dressing and dyeing industries		99	103	...	...		2615	3027	...	...		42.5	50.8	...	...
3233 Leather prods. excl. wearing apparel		5	5	...	...		35	15	...	...		0.9	0.9	...	...
324 Footwear, except rubber or plastic		441	440	...	...		84605	54299	...	...		901.9	805.0	...	...
331 Wood products, except furniture		101	101	...	...		12255	11918	...	...		523.2	562.3	...	...
3311 Sawmills, planing and other wood mills		50	50	...	...		9054	8820	...	...		409.3	456.5	...	...
3312 Wooden and cane containers		34	34	...	...		2385	2216	...	...		97.3	87.9	...	...
3319 Other wood and cork products		17	17	...	...		816	882	...	...		16.6	17.9	...	...
332 Furniture and fixtures, excl. metal		240	241	...	...		19865	20270	...	...		642.9	717.5	...	...
341 Paper and products		1	1	...	...		74	74	...	...		0.7	0.8	...	...
3411 Pulp, paper and paperboard articles		1	1	...	...		74	74	...	...		0.7	0.8	...	...
3412 Containers of paper and paperboard		-	-		-	-		-	-
3419 Other pulp, paper and paperboard articles		-	-		-	-		-	-
342 Printing and publishing		322	339	...	...		33988	36468	...	...		827.9	1214.7	...	...
351 Industrial chemicals		79	96	...	...		10784	11307	...	...		114.7	314.4	...	...
3511 Basic chemicals excl. fertilizers		134	134	...	...		15952	17014	...	...		522.0	602.8	...	...
3512 Fertilizers and pesticides		91	91	...	...		5998	6863	...	...		132.1	204.3	...	...
3513 Synthetic resins and plastic materials		18	18	...	...		1254	1284	...	...		59.1	93.2	...	...
352 Other chemicals		-	-		-	-		-	-
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	20	20	16215	19683	421.6	-	525.7	-	-	-	-	-	-	-
3551 Tyres and tubes	20	20	16215	19683	421.6	-	525.7	-	-	-	-	-	-	-
3559 Other rubber products	-	-	-	-	-	-	-	-	-	-	-	-	-	-
356 Plastic products	204	204	15400	15669	801.8	-	589.2	-	-	-	-	-	-	-
361 Pottery, china, earthenware	-	-	-	-	-	-	-	-	-	-	-	-	-	-
362 Glass and products	-	-	-	-	-	-	-	-	-	-	-	-	-	-
369 Other non-metallic mineral products	253	252	9789	8826	134.5	-	130.4	-	-	-	-	-	-	-
3691 Structural clay products	21	21	2465	2659	40.3	-	43.4	-	-	-	-	-	-	-
3692 Cement, lime and plaster	7	7	3360	3484	38.1	-	33.8	-	-	-	-	-	-	-
3699 Other non-metallic mineral products	225	224	3964	3683	56.1	-	53.2	-	-	-	-	-	-	-
371 Iron and steel	24	24	3470	3299	127.1	-	119.9	-	-	-	-	-	-	-
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-	-	-
381 Fabricated metal products	433	432	52329	56189	1961.7	-	2425.4	-	-	-	-	-	-	-
3811 Cutlery, hand tools and general hardware	14	14	1034	1168	26.0	-	153.9	-	-	-	-	-	-	-
3812 Furniture and fixtures primarily of metal	17	17	315	315	19.8	-	19.8	-	-	-	-	-	-	-
3813 Structural metal products	106	105	4590	4846	112.6	-	160.1	-	-	-	-	-	-	-
3819 Other fabricated metal products	296	296	46390	49870	1803.3	-	2091.6	-	-	-	-	-	-	-
382 Non-electrical machinery	79	79	5559	6186	266.8	-	402.8	-	-	-	-	-	-	-
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3822 Agricultural machinery and equipment	16	16	312	215	7.7	-	5.5	-	-	-	-	-	-	-
3823 Metal and wood working machinery	19	19	2935	3669	121.5	-	234.9	-	-	-	-	-	-	-
3824 Other special industrial machinery	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3829 Other non-electrical machinery & equipment	44	44	2312	2302	137.6	-	162.4	-	-	-	-	-	-	-
383 Electrical machinery	72	72	8884	8070	199.8	-	228.0	-	-	-	-	-	-	-
3831 Electrical industrial machinery	30	30	4210	3703	79.3	-	89.3	-	-	-	-	-	-	-
3832 Radio, television and communication equipm.	24	24	2833	2821	58.5	-	52.5	-	-	-	-	-	-	-
3833 Electrical appliances and housewares	17	17	1252	930	34.1	-	36.4	-	-	-	-	-	-	-
3839 Other electrical apparatus and supplies	1	1	589	616	27.9	-	49.8	-	-	-	-	-	-	-
384 Transport equipment	33	33	4588	4297	91.7	-	81.1	-	-	-	-	-	-	-
3841 Shipbuilding and repairing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles	25	25	3876	3544	62.9	-	57.4	-	-	-	-	-	-	-
3844 Motorcycles and bicycles	8	8	712	753	28.8	-	23.7	-	-	-	-	-	-	-
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	77	77	3709	3553	267.9	-	240.4	-	-	-	-	-	-	-
3901 Jewellery and related articles	1	1	27	29	0.1	-	0.3	-	-	-	-	-	-	-
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3909 Manufacturing industries, n.e.c.	76	76	3682	3524	267.8	-	240.1	-	-	-	-	-	-	-
3 Total manufacturing	3801	3814	513976	490867	13299.3	-	14059.3	-	-	-	-	-	-	-

354 Misc. petroleum and coal products											
355 Rubber products											1752.9
3551 Tyres and tubes	63117.4	57147.2								2889.5	1752.9
3559 Other rubber products	63117.4	57147.2				5938.2				2889.5	
356 Plastic products											1083.5
361 Pottery, china, earthenware	14015.3	11469.2				4030.6				1298.4	
362 Glass and products											
369 Other non-metallic mineral products											
3691 Structural clay products	2704.9	2447.5				1568.7	1443.7			55.0	103.1
3692 Cement, lime and plaster	1620.2	1396.5				929.1	770.9			6.0	52.9
3699 Other non-metallic mineral products	167.8	243.9				10.6	90.9			1.7	
371 Iron and steel	916.9	807.1				629.0	581.9			47.3	50.2
372 Non-ferrous metals	1078.9	1315.3				175.5	794.7			12.0	60.3
381 Fabricated metal products											
3811 Cutlery, hand tools and general hardware											
3812 Furniture and fixtures primarily of metal											
3813 Structural metal products	60585.1	61602.3				13771.6	14740.6			7540.7	3464.9
3819 Other fabricated metal products	563.1	728.6				488.2	549.1			3.4	438.2
382 Non-electrical machinery											
3821 Engines and turbines											
3822 Agricultural machinery and equipment	240.1	236.0				47.1	27.4			2.5	
3823 Metal and wood working machinery	1769.8	3343.7				752.7	1599.9			820.1	2377.7
3824 Other special industrial machinery											
3825 Office, computing and accounting machinery											
3829 Other non-electrical machinery & equipment	6637.2	11659.8				4380.2	4594.6			68.0	51.5
383 Electrical machinery											
3831 Electrical industrial machinery	2828.8	2382.3				1198.5	946.5			146.3	115.2
3832 Radio, television and communication equipm.	720.3	806.6				97.5	97.4			23.0	25.5
3833 Electrical appliances and housewares	1452.8	577.1				521.6	83.4			87.8	19.3
3839 Other electrical apparatus and supplies	297.8	372.9				263.5	246.7				
384 Transport equipment	357.9	625.7				315.9	520.0			35.5	70.4
3841 Shipbuilding and repairing											
3842 Railroad equipment	7157.6	6895.4				6000.7	6082.1			131.4	22.0
3843 Motor vehicles											
3844 Motorcycles and bicycles	5602.5	6079.7				4757.1	5232.4			65.9	22.0
3845 Aircraft	1555.1	815.7				1243.6	849.7			65.5	
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	1493.9	1536.4				564.7	1045.9			425.0	31.1
3902 Musical instruments	1.4	1.7				1.3	1.5				
3903 Sporting and athletic goods											
3909 Manufacturing industries, n.e.c.	1492.5	1534.7				563.4	1044.4			425.0	31.1
3 Total manufacturing	391807.4	416705.1				141955.0	171414.8			20660.4	23281.6

NORWAY

<p>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.</p> <p>Basic source of data: Annual industrial inquiry.</p> <p>Major deviations from ISIC (Revision 3): Data presented in ISIC (Rev. 3), were originally classified according to the NACE (Revision 1).</p> <p>Reference period (if not calendar year):</p> <p>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.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>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. <u>Wages and salaries</u> 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. Fees paid to shareholders committee are included to some extent. <u>Output</u> 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. <u>Value added</u> is value of output, less cost of goods and services consumed, including subsidies, less indirect taxes (except VAT) and investment levy. <u>Gross fixed capital formation</u> 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.</p> <p>Related national publications: Industristatistikk (annual), published by Statistics Norway, Oslo.</p>
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Norway

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees			
	(numbers)				(numbers)				(million KRONER)			
	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999
ISIC Industry	Note			Note				Note				
151 Processed meat, fish, fruit, vegetables, fats	814	836	831	817	25945	26632	26612	26738	5135	5557	5828	6030
1511 Processing/preserving of meat	251	257	248	247	11443	11528	11688	11989	2391	2599	2752	2752
1512 Processing/preserving of fish	493	509	514	506	12843	12797	12797	12663	2296	2552	2714	2762
1513 Processing/preserving of fruit & vegetables	51	49	46	43	1438	1355	1459	1445	290	294	327	322
1514 Vegetable and animal oils and fats	19	21	23	21	627	806	668	640	157	228	188	194
1520 Dairy products	99	99	94	92	5607	5635	5750	5734	1267	1335	1413	1464
153 Grain mill products; starches; animal feeds	174	183	176	177	2665	2618	2595	2530	664	710	746	709
1531 Grain mill products	82	83	73	70	...	...	...	640	...	...	...	167
1532 Starches and starch products	3	3	3	3	...	...	...	60	...	...	...	13
1533 Prepared animal feeds	89	97	100	104	1818	1804	1807	1830	480	515	554	529
154 Other food products	588	510	506	518	11918	11572	12149	12188	2274	2342	2535	2663
1541 Bakery products	533	457	452	452	7416	7453	7872	7715	1245	1391	1580	1482
1542 Sugar	-	-	-	-	-	-	-	-	-	-	-	-
1543 Cocoa, chocolate and sugar confectionery	8	9	10	12	2279	2179	2216	2256	495	473	468	525
1544 Macaroni, noodles & similar products	4	4	5	4	158	186	180	38	34	53	53	5
1549 Other food products n.e.c.	43	40	39	50	2065	1754	1881	2178	500	430	534	651
155 Beverages	52	50	46	47	...	...	...	...	...	...	...	...
1551 Distilling, rectifying & blending of spirits	6	6	...	...	...	...	...	242	...	...	...	69
1552 Wines	2	1	1	1	...	...	...	...	...	...	...	...
1553 Malt liquors and malt	18	19	16	17	3161	3332	3452	3023	798	804	852	824
1554 Soft drinks; mineral waters	26	24	23	25	2206	1797	1668	2842	500	452	396	668
1600 Tobacco products	2	2	2	2	...	...	...	...	...	...	...	...
171 Spinning, weaving and finishing of textiles	46	47	44	49	1428	1547	1360	1331	271	311	285	266
1711 Textile fibre preparation; textile weaving	24	24	25	23	1107	1168	1207	1143	208	237	253	236
1712 Finishing of textiles	22	23	19	26	321	379	153	188	63	74	32	29
172 Other textiles	228	242	247	233	2798	2747	3056	2792	516	558	644	574
1721 Made-up textile articles, except apparel	123	132	134	120	1206	1142	1322	1150	221	230	282	231
1722 Carpets and rugs	6	6	5	5	...	...	...	18	...	...	...	5
1723 Cordage, rope, twine and netting	74	74	74	74	1188	1183	1249	1242	220	242	262	260
1729 Other textiles n.e.c.	25	30	34	34	384	384	381	381	139	156	149	140
1730 Knitted and crocheted fabrics and articles	41	43	40	38	805	925	816	789	...	...	...	...
1810 Wearing apparel, except fur apparel	140	152	149	122	2250	2080	1861	1537	370	357	341	269
1820 Dressing & dyeing of fur; processing of fur	20	17	16	14	128	114	109	99	24	25	25	22
191 Tanning, dressing and processing of leather	22	25	23	22	288	335	234	222	52	64	53	49
1911 Tanning and dressing of leather	4	5	4	4	175	155	155	146	22	20	20	17
1912 Luggage, handbags, etc.; saddlery & harness	18	20	19	18	113	120	79	76	22	24	20	32
1920 Footwear	21	24	23	19	437	430	387	330	65	67	67	57
2010 Sawmilling and planing of wood	312	327	330	314	5228	5435	5447	4810	1077	1192	1254	1071
202 Products of wood, cork, straw, etc.	675	681	721	652	9098	9535	9819	9516	1795	1984	2171	2093
2021 Veneer sheets, plywood, particle board, etc.	24	26	30	30	1355	1457	1470	1453	287	312	363	349
2022 Builders' carpentry and joinery	508	515	541	492	6884	7145	7412	7158	1344	1482	1597	1958
2023 Wooden containers	54	54	50	48	455	493	444	437	91	98	95	90
2029 Other wood products; articles of cork/straw	89	86	100	82	404	440	493	466	73	116	116	96
210 Paper and paper products	108	108	108	102	10550	10250	9826	9510	2585	2607	2724	2669
2101 Pulp, paper and paperboard	38	39	33	33	6714	6581	6119	6014	1686	1730	1705	1730
2102 Corrugated paper and paperboard	33	36	38	34	2538	2456	2425	2264	598	597	654	611
2109 Other articles of paper and paperboard	37	33	37	35	1298	1213	1282	1231	302	305	339	318
221 Publishing of books and other publications	615	754	758	715	25738	26619	26028	24522	5047	5474	5619	5558
2211 Publishing of newspapers, journals, etc.	165	211	192	172	2518	2772	2675	2260	683	782	812	726
2212 Publishing of newspapers, journals, etc.	338	400	404	392	22603	23003	22499	21579	4204	4473	4578	4648
2213 Publishing of recorded media	43	49	53	48	152	175	180	123	47	40	36	30
2219 Other publishing	69	94	109	103	465	669	694	560	114	178	192	154

222 Printing and related service activities	1077	1236	1077	10598	11524	10569	3227	3060
2221 Printing	740	823	740	8450	9308	8651	2104	2558
2222 Service activities related to printing	337	413	337	2148	2216	1918	592	501
2230 Reproduction of recorded media	50	68	50	352	352	213	88	57
2310 Coke oven products	5	6	5	1158	1189	1140	461	478
2320 Refined petroleum products	...	...	...	...	...	...	...	...
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...
241 Basic chemicals	82	82	82	7980	7934	7848	2514	2631
2411 Basic chemicals, except fertilizers	57	57	57	1441	1426	1426	1392	1391
2412 Fertilizers and nitrogen compounds	4	5	4	...	...	...	...	492
2413 Plastics in primary forms; synthetic rubber	18	18	18	5707	5814	6087	1826	748
242 Other chemicals	111	115	111	...	...	...	...	1951
2421 Pesticides and other agro-chemical products	30	33	30	1620	1584	1427	445	413
2422 Paints, varnishes, printing ink and dyes	23	23	23	2599	2650	2843	890	998
2423 Pharmaceuticals, medicinal chemicals, etc.	29	29	29	589	589	942	146	248
2424 Soap, cleaning & cosmetic preparations	22	22	22	899	978	875	335	292
2429 Other chemical products n.e.c.	...	...	...	...	...	...	...	...
2430 Man-made fibres	...	...	...	...	...	...	...	...
251 Rubber products	58	58	58	836	843	775	191	188
2511 Rubber tyres and tubes	31	31	31	219	197	197	50	48
2519 Other rubber products	25	25	25	617	633	578	154	140
2520 Plastic products	296	296	286	6100	6162	5995	1451	1526
2610 Glass and glass products	74	74	67	2078	2219	1809	553	489
269 Non-metallic mineral products n.e.c.	541	541	541	7518	...	7958	1766	2179
2691 Pottery, china and earthenware	20	20	18	835	776	768	145	147
2692 Refractory ceramic products	4	4	4	179	178	...	44	...
2693 Cement, non-refractory clay; ceramic products	3	2	2	81	40	...	11	...
2694 Cement, lime and plaster	10	10	16	515	502	433	177	154
2695 Articles of concrete, cement and plaster	325	323	317	3867	3942	4035	954	1037
2696 Cutting, shaping & finishing of stone	96	93	98	668	665	658	162	166
2699 Other non-metallic mineral products n.e.c.	82	89	86	1474	1591	1838	403	623
2710 Basic iron and steel	57	62	64	4108	4592	4327	1167	1357
2720 Basic precious and non-ferrous metals	28	26	26	8923	8062	7659	2708	2568
273 Casting of iron and steel	36	33	32	1889	2002	1955	457	484
2731 Casting of iron and steel	14	11	12	1443	1458	1464	318	363
2732 Casting of non-ferrous metals	22	22	20	534	544	491	128	121
281 Struct. metal products; tanks; steam generators	397	403	421	8715	9172	9671	2099	2503
2811 Structural metal products	368	372	390	7736	8432	8959	1898	2314
2812 Tanks, reservoirs and containers of metal	26	31	27	451	541	511	148	135
2813 Steam generators	3	4	4	130	199	201	53	54
289 Other metal products; metal working services	781	896	796	9343	11574	11182	2444	2910
2891 Metal forging/pressing/stamping/roll-forming	14	15	13	200	246	211	44	53
2892 Treatment & coating of metals	358	452	396	3114	4271	4071	986	1082
2893 Cutlery, hand tools and general hardware	99	106	97	1446	1404	1855	329	443
2899 Other fabricated metal products n.e.c.	310	327	290	4583	5202	5103	1075	1332
291 General purpose machinery	638	727	677	13923	14394	13392	3885	4006
2911 Engines & turbines (not for transport equip.)	45	53	49	1749	2083	1871	519	639
2912 Pumps, compressors, taps and valves	93	91	100	2686	2739	2934	813	893
2913 Bearings, gears, gearing & driving elements	18	17	15	735	333	298	233	78
2914 Ovens, furnaces and furnace burners	11	11	15	278	330	330	72	56
2915 Lifting and handling equipment	172	169	141	4318	4278	4205	1193	1283
2919 Other general purpose machinery	299	370	357	3146	4631	3873	1054	1057
292 Special purpose machinery	497	531	510	8796	8648	8827	2312	2543
2921 Agricultural and forestry machinery	167	194	170	2057	2088	2056	562	544
2922 Machine tools	42	47	46	508	607	610	153	157
2923 Machinery for metallurgy	13	11	8	111	144	144	30	12
2924 Machinery for mining & construction	91	95	99	1391	1641	1596	425	461
2925 Food/beverage/tobacco processing machinery	78	73	77	1156	1103	1007	292	289
2926 Machinery for textile, apparel and leather	26	21	21	104	89	90	22	20
2927 Weapons and ammunition	9	16	9	2123	1702	1958	478	629
2929 Other special purpose machinery	71	74	80	1531	1258	1455	354	431
2930 Domestic appliances n.e.c.	29	31	28	1237	1295	1327	314	332

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ISIC Industry	Number of establishments			Number of employees			Wages and salaries paid to employees (million KRONER)			
	(numbers)			(numbers)			(million KRONER)			
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry						Note				
3000 Office, accounting and computing machinery		25	25	18	17		746	767	814	1153
3110 Electric motors, generators and transformers		63	63	64	66		3082	2917	2962	2745
3120 Electricity distribution & control apparatus		73	83	77	78		2477	2690	2767	3012
3130 Insulated wire and cable		18	18	18	22		1401	1456	1538	1632
3140 Accumulators, primary cells and batteries		4	3	3	1		166	153	35	...
3150 Lighting equipment and electric lamps		37	38	46	48		1376	1344	1361	...
3190 Other electrical equipment n.e.c.		121	149	143	128		1074	1370	1739	1974
3210 Electronic valves, tubes, etc.		34	34	44	44		1074	1461	1922	1693
3220 TV/radio transmitters; line comm. apparatus		20	19	14	20		2979	2805	1883	2480
3230 TV and radio receivers and associated goods		21	20	27	16		415	595	721	333
331 Medical, measuring, testing appliances, etc.		327	315	322	318		5207	5383	5733	6233
3311 Medical, surgical and orthopaedic equipment		241	232	230	224		1924	1874	1912	1958
3312 Measuring/testing/navigating appliances, etc.		74	68	76	76		2659	2778	3037	3102
3313 Industrial process control equipment		12	15	15	18		614	731	784	1173
3320 Optical instruments & photographic equipment		6	7	7	8		119	...	...	97
3330 Watches and clocks		-	1	1	...		-	...	...	...
3410 Motor vehicles		4	4	4	5		317	301	298	398
3420 Automobile bodies, trailers & semi-trailers		53	52	54	57		1211	1112	1191	1267
3430 Parts/accessories for automobiles		40	46	50	53		3294	3429	3240	3750
351 Building and repairing of ships and boats		564	582	591	605		30340	32764	35743	36379
3511 Building and repairing of ships		458	473	484	497		29579	31988	34894	36453
3512 Building/repairing of pleasure/sport. boats		106	109	107	108		761	776	849	885
3520 Railway/tramway locomotives & rolling stock		12	14	4	5		1844	1765	492	450
3530 Aircraft and spacecraft		23	21	12	12		2149	2104	591	564
359 Transport equipment n.e.c.		16	12	10	13		609	445	492	549
3591 Motorcycles		-	-	-	-		-	-	-	-
3592 Bicycles and invalid carriages		13	8	7	10		571	392	440	492
3599 Other transport equipment n.e.c.		3	4	3	3		38	53	52	56
3610 Furniture		469	540	565	498		9063	10302	10747	10305
369 Manufacturing n.e.c.		211	240	237	212		3254	3470	3478	3041
3691 Jewellery and related articles		80	93	90	76		918	1115	1142	895
3692 Musical instruments		7	10	11	8		28	35	38	32
3693 Sports goods		27	23	20	21		1033	1027	975	919
3694 Games and toys		9	11	8	9		32	42	40	40
3699 Other manufacturing n.e.c.		88	103	108	98		1243	1251	1283	1155
3710 Recycling of metal waste and scrap		30	32	41	38		248	264	360	359
3720 Recycling of non-metal waste and scrap		32	32	35	44		219	346	563	617
D Total manufacturing		11019	11644	11737	11072		280743	290177	294168	290234
							65753	71453	76786	77950

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ISIC Industry	Output (million KRONER)			Value added (million KRONER)			Gross fixed capital formation (million KRONER)		
	1996	1997	1998	1997	1998	1999	1998	1999	
	Note	Note	Note	Note	Note	Note	Note	Note	
ISIC Industry									
151 Processed meat, fish, fruit, vegetables, fats	46301	49199	54577	56748	7101	7971	8895	9414	
1511 Processing/preserving of meat	23719	24562	25924	27659	2485	2795	2956	4167	
1512 Processing/preserving of fish	17867	19418	23278	23634	3590	3936	4625	4027	
1513 Processing/preserving of fruit & vegetables	2384	2463	2890	2831	603	687	867	86	
1514 Vegetable and animal oils and fats	2350	2456	2684	2756	423	553	533	116	
1520 Dairy products	12715	13888	13716	13599	1158	1437	1696	2147	
153 Grain mill products; starches; animal feeds	11849	11777	12207	12089	1402	1672	1391	2232	
1531 Grain mill products	...	...	...	2705	...	...	531	63
1532 Starches and starch products	...	...	...	74	...	...	...	6
1533 Prepared animal feeds	9090	9245	9661	9309	1033	1249	...	143	
154 Other food products	11859	11859	12950	13504	3776	4183	4587	431	
1541 Bakery products	5218	5272	5733	5928	1963	2015	2196	313	
1542 Sugar	2094	2363	2721	2777	628	1025	1204	153	
1543 Cocoa, chocolate and sugar confectionery	248	309	290	30	47	4	75	4	
1544 Macaroni, noodles & similar products	4029	3915	4206	4769	1139	1075	1112	93	
1549 Other food products n.e.c.	...	...	...	...	...	...	...	...
155 Beverages	...	...	...	428	...	...	...	2
1551 Distilling, rectifying & blending of spirits	...	...	...	...	...	...	...	...
1552 Wines	4746	4627	4190	4334	3299	3215	2816	1120	
1553 Malt liquors and malt	3951	4233	4267	6938	2454	2310	2409	1009	
1554 Soft drinks; mineral waters	...	...	...	...	...	...	...	...
1600 Tobacco products	...	...	...	...	...	...	...	...
171 Spinning, weaving and finishing of textiles	1068	1207	1108	975	406	469	424	381	
1711 Textile fibre preparation; textile weaving	826	911	997	846	327	369	380	337	
172 Finishing of textiles	243	296	111	129	79	100	44	44	
1721 Other textiles	2281	2328	2619	2514	873	837	950	88	
1721 Made-up textile articles, except apparel	879	893	1105	1061	325	282	424	22	
1722 Carpets and rugs	...	27	...	17	...	6	...	8	
1723 Cordage, rope, twine and netting	1058	1084	1139	1132	434	414	424	49	
1729 Other textiles n.e.c.	...	325	...	304	...	123	...	17	
1730 Knitted and crocheted fabrics and articles	517	566	520	492	203	215	231	15	
1810 Wearing apparel, except fur apparel	1447	1352	1294	942	503	492	485	366	
1820 Dressing & dyeing of fur; processing of fur	79	80	77	82	39	32	35	1	
191 Tanning, dressing and processing of leather	251	266	248	258	74	66	67	2	
1911 Tanning and dressing of leather	182	198	173	192	34	42	37	38	
1912 Luggage, handbags, etc.; saddlery & harness	99	69	75	66	40	24	30	1	
1920 Footwear	228	255	217	194	87	93	81	3	
2010 Sawmilling and planing of wood	6539	7787	7910	7210	1350	1864	2081	1801	
2021 Products of wood, cork, straw, etc.	8139	8921	9399	9347	2545	2752	2920	3094	
2022 Veneer sheets, plywood, particle board, etc.	1564	1560	1720	1902	430	399	364	528	
2023 Builders' carpentry and joinery	5893	6641	6911	6662	1889	2113	2276	2304	
2023 Wooden containers	442	459	429	466	126	138	147	132	
2029 Other wood products; articles of cork/straw	240	260	340	317	99	102	133	7	
210 Paper and paper products	19375	18268	19713	19717	5884	4990	5705	5787	
2101 Pulp, paper and paperboard	14961	14185	15236	15501	4446	3534	4124	4295	
2102 Corrugated paper and paperboard	2868	2791	2935	2700	948	956	272	139	
2109 Other articles of paper and paperboard	1546	1311	1543	1516	490	499	626	88	
221 Publishing of books and other publications	19017	20261	21408	21345	8072	8701	8855	8864	
2212 Publishing of newspapers, journals, etc.	3665	4176	4563	3913	974	1111	1127	1262	
2213 Publishing of recorded media	14591	15075	15815	16366	6812	7335	7340	7468	
2219 Other publishing	235	210	226	291	71	49	69	74	
	526	801	804	775	214	205	185	195	

continued

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ISIC Industry	Output (million KRONER)			Value added (million KRONER)			Gross fixed capital formation (million KRONER)		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
	Note	Note	Note	Note	Note	Note	Note	Note	Note
ISIC Industry									
222 Printing and related service activities	9544	9945	11245	11557	11557	11557	3938	4172	4225
2221 Printing	7932	8223	9494	9856	9856	9856	3190	3409	3439
2222 Service activities related to printing	1612	1722	1752	1700	1752	1752	748	763	786
2230 Reproduction of recorded media	421	366	384	224	224	224	199	175	165
2310 Coke oven products	18845	18959	14930	20491	20491	20491	1627	1925	1418
2320 Refined petroleum products									
2330 Processing of nuclear fuel									
2411 Basic chemicals, except fertilizers	19814	22846	23036	22034	22034	22034	6282	7050	6568
2412 Fertilizers and nitrogen compounds	4733	4320	13000	3838	3838	3838	1641	1168	4113
2413 Plastics in primary forms; synthetic rubber	10313	10644	12088	13046	13046	13046	4079	3371	3730
2421 Pesticides and other agro-chemical products	2268	2337	2453	2274	2274	2274	596	695	657
2422 Paints, varnishes, printing ink and mastics	5612	5567	6663	7465	7465	7465	2790	1838	2174
2423 Pharmaceuticals, medicinal chemicals, etc.	1219	1316	1809	1809	1809	1809	370	435	225
2424 Soap, cleaning & cosmetic preparations		1424	1617	1498	1498	1498		403	495
2429 Other chemical products n.e.c.									
2430 Man-made fibres	791	770	815	742	742	742	314	264	328
251 Rubber products	301	266	279	276	276	276	126	76	102
2511 Rubber tyres and tubes	490	504	536	516	516	516	188	188	225
2519 Other rubber products	6262	6734	6994	6690	6690	6690	2157	2288	2393
2520 Plastic products	1920	2167	2224	1949	1949	1949	748	829	832
2610 Glass and glass products	10577	10752	11783	11783	11783	11783	3428	3483	3483
269 Non-metallic mineral products n.e.c.	363	352	368	368	368	368	208	203	202
2691 Pottery, china and earthenware	166	167	167	167	167	167	70	63	66
2692 Refractory ceramic products	105	67	155	155	155	155	35	23	25
2693 Refractory non-refractory clay; ceramic products	2096	1374	1214	1012	1012	1012	717	512	512
2694 Cement, lime and plaster	5050	5873	6164	6238	6238	6238	1562	1831	1981
2695 Articles of concrete, cement and plaster	623	561	607	680	680	680	235	227	258
2696 Cutting, shaping & finishing of stone	2174	2372	2670	3277	3277	3277	601	624	805
2699 Other non-metallic mineral products n.e.c.									
2710 Basic iron and steel	9031	8840	11183	10196	10196	10196	2114	2072	2541
2720 Basic precious and non-ferrous metals	25100	27569	27339	28007	28007	28007	5631	6117	6666
273 Casting of metals	1415	1462	1618	1494	1494	1494	632	662	730
2731 Casting of iron and steel	980	1086	1086	1032	1032	1032	461	470	527
2732 Casting of non-ferrous metals	435	482	532	462	462	462	171	192	204
281 Structural metal products; tanks; steam generators	6845	7739	8764	9318	9318	9318	2670	3068	3408
2811 Structural metal products	6416	7050	8034	8651	8651	8651	2484	2761	3217
2812 Tanks, reservoirs and containers of metal	328	501	508	491	491	491	147	244	199
2813 Steam generators	101	188	222	175	175	175	39	63	83
289 Other metal products; metal working services	7853	8878	11726	11328	11328	11328	3540	3737	4687
2891 Metal forging/pressing/stamping/roll-forming	124	159	175	151	151	151	63	85	93
2892 Treatment & coating of metals	2367	3252	3902	3311	3311	3311	1184	1500	1723
2893 Cutlery, hand tools and general hardware	1081	1212	1785	1831	1831	1831	499	567	737
2899 Other fabricated metal products n.e.c.	4280	4252	5864	6034	6034	6034	1794	1585	2094
291 General purpose machinery	15968	17982	21637	18453	18453	18453	4791	5719	6846
2911 Engines & turbines (not for transport equip.)	2816	2119	4398	3509	3509	3509	618	469	1094
2912 Pumps, compressors, taps and valves	3875	4358	4368	4079	4079	4079	1344	1548	1551
2913 Bearings, gears, gearing & driving elements	969	1323	411	307	307	307	307	418	150
2914 Ovens, furnaces and furnace burners	338	330	394	383	383	383	98	82	113
2915 Lifting and handling equipment	4627	5713	7119	6351	6351	6351	1298	1712	2145
2919 Other general purpose machinery	3342	4140	4947	3876	3876	3876	1128	1491	1794

292 Special purpose machinery	9161	8545	9327	9630	3192	3165	3580	3833	283	319
2921 Agricultural and forestry machinery	2016	2031	2030	1943	742	767	937	815	85	53
2922 Machine tools	368	352	555	560	185	166	242	245	30	23
2923 Machinery for metallurgy	105	114	120	41	47	53	52	20	..	..
2924 Machinery for mining & construction	1150	1612	2336	1856	441	695	792	759	72	56
2925 Food/beverage/tobacco processing machinery	1158	1058	1080	980	1080	352	386	308	28	27
2926 Machinery for textile, apparel and leather	71	60	53	58	27	24	20	28	6	6
2927 Weapons and ammunition	2093	1478	1673	2205	764	518	634	953	108	109
2929 Other special purpose machinery	2200	1841	1481	1986	606	591	516	685	-45	45
2930 Domestic appliances n.e.c.	1107	1202	1191	1439	434	490	476	649	21	73
3000 Office, accounting and computing machinery	1129	1516	2053	2870	402	580	425	652	21	33
3110 Electric motors, generators and transformers	3614	4063	4236	3270	1183	1692	1678	1051	134	67
3120 Electricity distribution & control apparatus	2261	2775	3351	4279	869	1122	1268	1538	78	228
3130 Insulated wire and cable	2605	2429	2571	2855	848	793	820	658	-148	87
3140 Accumulators, primary cells and batteries	160	149	42	..	35	29	23	..	..	..
3150 Lighting equipment and electric lamps	1140	1147	1193	..	421	434	447	..	3	..
3190 Other electrical equipment n.e.c.	1484	1753	2466	2784	450	587	867	918	524	253
3210 Electronic valves, tubes, etc.	945	1456	2398	2184	336	505	800	807	68	57
3220 TV/radio transmitters; line comm. apparatus	4873	5284	2870	5097	1575	1594	1204	2450	39	72
3230 TV and radio receivers and associated goods	593	523	717	271	254	242	297	98	26	9
331 Medical, measuring, testing appliances, etc.	6384	7460	8390	9513	2119	2457	2816	3567	284	188
3311 Medical, surgical and orthopaedic equipment	1552	1784	1853	2099	610	726	709	893	56	28
3312 Measuring/testing/navigating appliances, etc.	3443	3816	4127	4581	1218	1289	1459	1696	194	95
3313 Industrial process control equipment	1389	1860	2410	2833	290	443	648	978	33	65
3320 Optical instruments & photographic equipment	336	..	..	152	59	..	..	64	..	3
3330 Watches and clocks	..	..	..	..	..	..	..	..	..	..
3410 Motor vehicles	461	393	407	644	34	20	96	41	9	67
3420 Automobile bodies, trailers & semi-trailers	1241	1122	1252	1344	391	350	413	451	39	24
3430 Parts/accessories for automobiles	3186	3573	3604	4048	1140	1244	1324	1461	379	248
351 Building and repairing of ships and boats	34550	48483	60548	55508	10283	12197	14986	15868	1064	572
3511 Building and repairing of ships	33862	47705	59590	54476	10088	11945	14691	15554	1045	561
3512 Building/repairing of pleasure/sport. boats	687	779	958	1032	195	252	295	313	19	21
3520 Railway/tramway locomotives & rolling stock	1248	1379	439	593	487	558	593	112	2	10
3530 Aircraft and spacecraft	3215	2981	805	907	1343	1226	277	361	76	49
359 Transport equipment n.e.c.	471	454	471	572	142	159	123	167	12	5
3591 Motorcycles	..	..	..	..	..	..	..	..	..	..
3592 Bicycles and invalid carriages	427	374	388	491	129	141	105	148	9	5
3599 Other transport equipment n.e.c.	44	80	82	81	12	19	18	19	3	..
3610 Furniture	7680	9123	10196	9752	2570	3199	3443	3392	327	287
369 Jewelry and related articles	2285	2405	2442	2347	988	1046	943	953	113	92
3692 Musical instruments	544	665	648	615	233	316	276	290	26	7
3693 Sports goods	15	18	22	21	7	8	11	10	1	2
3694 Games and toys	738	735	800	810	319	340	320	371	22	27
3699 Other manufacturing n.e.c.	967	910	929	827	421	367	322	265	63	56
3710 Recycling of metal waste and scrap	331	414	821	637	84	106	140	162	18	26
3720 Recycling of non-metal waste and scrap	249	479	683	958	63	168	246	323	6	2
D Total manufacturing	390959	427715	459599	467213	115565	125071	133531	131906	20919	17597

Norway

ISIC Industry	ISIC Revision 3	Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
		Note													
15	Food and beverages	101	102	100	103	103	104	109	110	112	114	113	109	a/	
16	Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...	a/
17	Textiles	...	...	100	100	96	94	103	99	100	99	94	82	b/
18	Wearing apparel, fur	...	...	...	...	...	...	...	...	...	...	...	...	b/
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...	b/
20	Wood products (excl. furniture)	106	104	100	91	91	92	101	103	105	113	114	109		
21	Paper and paper products	95	101	100	99	97	104	113	118	111	116	117	114		
22	Printing and publishing	100	101	100	100	100	100	104	108	111	112	113	111		
23	Coke, refined petroleum products, nuclear fuel	87	92	100	95	97	102	105	106	109	110	114	114	c/	
24	Chemicals and chemical products	...	...	...	...	...	...	...	...	...	...	...	...	c/
25	Rubber and plastics products	100	100	100	93	84	88	93	94	94	96	92	92		
26	Non-metallic mineral products	113	103	100	89	91	92	104	116	122	128	128	123		
27	Basic metals	97	99	100	99	100	102	110	109	112	116	122	125		
28	Fabricated metal products	103	100	100	98	101	106	111	118	128	137	145	133		
29	Machinery and equipment n.e.c.	99	100	100	97	100	101	109	118	123	132	138	135		
30	Office, accounting and computing machinery	...	...	100	91	92	99	107	116	121	126	136	140	d/
31	Electrical machinery and apparatus	...	...	...	...	...	...	...	...	...	...	...	...	d/
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...	d/
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...	d/
34	Motor vehicles, trailers, semi-trailers	...	...	100	104	106	101	108	116	121	124	124	117	
35	Other transport equipment	...	...	100	105	131	144	141	137	139	140	159	157	
36	Furniture; manufacturing n.e.c.	...	...	100	98	94	94	101	102	107	119	127	119	e/
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...	e/
D	Total manufacturing	99	99	100	98	100	102	108	111	115	118	122	119		

a/ 15 includes 16.
b/ 17 includes 18 and 19.
c/ 23 includes 24.
d/ 30 includes 31, 32 and 33.
e/ 36 includes 37.

OMAN

<p>Supplier of information: Industrial Statistics Center, Ministry of Commerce and Industry, Muscat.</p> <p>Basic source of data: Industrial census.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: In general, all registered establishments. For 1996, establishments with 10 or more employees.</p> <p>Method of enumeration: Individual sites are visited by enumerators.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications:</p>
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Oman

ISIC Industry	Number of establishments (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (thousand RIALS)						
	Note	1996a/	1997	1998	1999	Note	1996a/	1997	1998	1999	Note	1996a/	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		16	23	28	33		910	957	1302	1535		1845	1973	2669	2915
1511 Processing/preserving of meat		1	1	5	5		82	74	151	77		134	145	251	92
1512 Processing/preserving of fish		11	16	17	18		459	519	636	614		1073	1129	1323	1192
1513 Processing/preserving of fruit & vegetables		2	3	3	6		114	97	204	471		117	134	432	729
1514 Vegetable and animal oils and fats		2	2	3	4		255	267	311	373		522	565	663	902
1520 Dairy products		8	9	9	7		728	793	883	851		1721	1945	2119	2411
153 Grain mill products; starches; animal feeds		3	4	7	7		269	269	406	424		1404	1427	2004	2146
1531 Grain mill products		1	2	4	4		139	149	268	285		974	1000	1559	1637
1532 Starches and starch products		-	-	-	-		-	-	-	-		-	-	-	-
1533 Prepared animal feeds		2	2	3	3		124	120	138	139		430	426	445	510
154 Other food products		44	81	83	85		1433	1951	2125	2284		2390	3280	3537	4690
1541 Bakery products		38	69	67	68		1281	1599	1871	2053		2089	2519	3099	4243
1542 Sugar		1	1	1	1		62	65	72	66		109	115	126	126
1543 Cocoa, chocolate and sugar confectionery		-	-	-	-		-	-	-	-		-	-	-	-
1544 Macaroni, noodles & similar products		5	11	15	16		90	287	182	165		192	645	312	321
1549 Other food products n.e.c.		8	21	20	21		1015	1170	1206	1301		2369	2521	2612	3188
155 Beverages		-	-	-	-		-	-	-	-		-	-	-	-
1551 Distilling, rectifying & blending of spirits		-	-	-	-		-	-	-	-		-	-	-	-
1552 Wines		-	-	-	-		-	-	-	-		-	-	-	-
1553 Malt liquors and malt		-	-	-	-		-	-	-	-		-	-	-	-
1554 Soft drinks; mineral waters		8	21	20	21		1015	1170	1206	1301		2369	2521	2612	3188
1600 Tobacco products		-	-	-	-		-	-	-	-		-	-	-	-
171 Spinning, weaving and finishing of textiles		1	1	2	2		241	224	290	295		921	809	1030	1082
1711 Textile fibre preparation; textile weaving		1	1	2	2		241	224	290	295		921	809	1030	1082
1712 Finishing of textiles		2	1	2	2		28	22	61	80		31	27	132	233
172 Other textiles		2	1	1	2		28	22	19	25		31	27	25	233
1721 Made-up textile articles, except apparel		-	-	-	-		-	-	42	80		-	-	108	-
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		23	20	20	21		5197	5236	5369	5421		4477	4764	4967	5126
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		-	1	1	-		-	17	13	-		-	16	20	-
1912 Luggage, handbags, etc.; saddlery & harness		3	4	4	4		103	176	190	203		144	275	318	350
1920 Footwear		-	-	-	-		-	-	-	-		-	-	-	-
2010 Sawmilling and planing of wood		18	80	65	67		673	891	925	1206		1052	1359	1653	1986
202 Products of wood, cork, straw, etc.		18	80	65	67		673	891	925	1206		1052	1357	1653	1986
2021 Veneer sheets, plywood, particle board, etc.		-	-	-	-		-	-	-	-		-	-	-	-
2022 Builders' carpentry and joinery		18	79	65	67		673	889	925	1206		1052	1357	1653	1986
2023 Wooden containers		-	-	-	-		-	-	-	-		-	-	-	-
2029 Other wood products; articles of cork/straw		-	1	-	-		-	2	-	-		-	2	-	-
210 Paper and paper products		7	6	10	10		521	344	500	539		1326	942	1214	1282
2101 Pulp, paper and paperboard		2	2	3	4		177	122	268	298		340	289	494	595
2102 Corrugated paper and paperboard		3	4	7	6		222	185	232	241		726	653	720	687
2109 Other articles of paper and paperboard		-	-	-	-		-	-	-	-		-	-	-	-
221 Publishing of books and other publications		10	10	11	10		884	916	930	844		2101	2220	2291	2349
2211 Publishing of newspapers, journals, etc.		3	6	5	6		419	337	330	236		890	740	860	860
2212 Publishing of newspapers, journals, etc.		7	4	6	4		465	579	600	608		1212	1479	1539	1689
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		-	-	-	-
2219 Other publishing		-	-	-	-		-	-	-	-		-	-	-	-

222 Printing and related service activities	13	19	22	25	328	462	576	584	485	841	1050	1081
2221 Printing activities related to printing	12	18	21	23	317	410	519	517	472	752	1001	976
2222 Service activities related to printing	1	1	1	2	11	52	57	67	14	88	89	106
2230 Reproduction of recorded media	-	1	1	1	-	23	25	34	-	45	33	44
2310 Coke oven products	-	-	-	-	507	539	549	585	4602	4438	4609	4932
2320 Refined petroleum products	8	8	8	9	-	-	-	-	-	-	-	-
2330 Processing of nuclear fuel	-	-	-	-	-	-	-	-	-	-	-	-
2411 Basic chemicals	4	4	9	11	141	98	215	341	312	216	474	832
2412 Basic chemicals, except fertilizers	4	4	8	10	141	98	197	298	312	216	438	752
2413 Fertilizers and nitrogen compounds	4	4	8	10	-	-	18	-	-	-	36	-
2414 Plastics in primary forms; synthetic rubber	18	18	19	19	826	779	822	841	2197	2201	2337	2489
242 Other chemicals	2	1	1	1	28	10	11	83	83	25	21	-
2421 Pesticides and other agro-chemical products	3	3	4	5	221	224	249	273	755	868	864	1098
2422 Paints, varnishes, printing ink and mastics	1	1	1	1	112	130	131	122	174	178	199	195
2423 Pharmaceuticals; medicinal chemicals, etc.	10	11	11	12	435	388	406	430	1124	1081	1200	1162
2424 Soap, cleaning & cosmetic preparations	2	2	2	1	30	27	25	16	61	48	53	34
2429 Other chemical products n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
2430 Man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
2511 Rubber products	1	1	2	1	16	16	26	39	24	29	60	103
2512 Rubber tyres and tubes	1	1	2	2	16	16	26	39	24	29	60	103
2519 Other rubber products	-	-	-	-	-	-	-	-	-	-	-	-
2520 Plastic products	15	22	26	28	700	899	1076	1174	1301	1559	2131	2291
2610 Glass and glass products	10	15	10	15	532	691	797	889	1127	1366	1722	1897
269 Non-metallic mineral products n.e.c.	90	265	252	244	3585	4450	4846	5265	7885	9182	10005	10754
2691 Pottery, china and earthenware	2	2	2	2	9	9	14	9	-	7	12	10
2692 Refractory ceramic products	1	1	2	3	51	48	115	195	100	99	212	493
2693 Structural refractory clay; ceramic products	-	-	-	-	-	-	-	-	-	-	-	-
2694 Cement, lime and plaster	4	4	3	4	632	656	645	711	2734	2888	2997	3260
2695 Articles of concrete, cement and plaster	40	198	186	176	1302	1947	2035	2172	1934	2638	2841	2873
2696 Cutting, shaping & finishing of stone	9	10	9	12	600	658	728	896	1413	1585	1672	1916
2699 Other non-metallic mineral products n.e.c.	36	49	50	48	1000	1132	1309	1282	1704	1965	2271	2201
2710 Basic iron and steel	1	3	2	2	13	34	19	310	27	48	34	625
2720 Basic precious and non-ferrous metals	3	3	3	3	634	693	676	646	2788	3005	3166	2831
273 Casting of metals	-	-	-	-	-	-	-	6	-	-	-	18
2731 Casting of iron and steel	-	-	-	-	-	-	-	6	-	-	-	18
2732 Casting of non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
2811 Structural metal products; tanks; steam generators	39	104	111	110	1631	2469	2012	2723	2692	4281	3454	5930
2812 Tanks, reservoirs and containers of metal	38	104	111	109	1296	2469	2012	2721	2256	4281	3454	5929
2813 Steam generators	1	-	-	1	335	-	-	2	435	-	-	1
289 Other metal products; metal working services	11	21	20	20	511	380	1162	715	3044	606	1913	1010
2891 Metal forging/pressing/stamping/roll-forming	1	-	2	2	-	-	-	-	-	-	-	-
2892 Treatment & coating of metals	3	5	6	5	321	126	190	219	2765	153	244	347
2893 Cutlery, hand tools and general hardware	8	16	12	15	190	254	965	496	280	453	1667	663
2899 Other fabricated metal products n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
291 General purpose machinery	6	7	10	11	207	320	375	372	612	869	955	1009
2911 Engines & turbines (not for transport equip.)	2	2	2	4	-	-	55	129	-	-	102	303
2912 Pumps, compressors, taps and valves	4	4	4	3	134	176	166	95	486	614	563	347
2913 Bearings, gears, gearing & driving elements	-	-	-	-	-	-	-	-	-	-	-	-
2914 Ovens, furnaces and furnace burners	-	-	-	-	-	-	-	-	-	-	-	-
2915 Lifting and handling equipment	2	3	4	4	73	144	154	148	125	255	289	359
2919 Other general purpose machinery	2	3	2	4	76	139	68	135	127	368	153	474
292 Special purpose machinery	2	2	2	2	-	-	-	-	-	-	-	-
2921 Agricultural and forestry machinery	-	-	-	-	-	-	-	-	-	-	-	-
2922 Machine tools	-	-	-	-	-	-	-	-	-	-	-	-
2923 Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-	-	-
2924 Machinery for mining & construction	-	2	1	3	81	81	9	64	-	251	12	318
2925 Food/beverage/tobacco processing machinery	-	-	-	-	-	-	-	-	-	-	-	-
2926 Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-	-	-
2927 Weapons and ammunition	1	1	1	1	60	58	59	71	113	117	141	156
2929 Other special purpose machinery	1	1	1	1	16	16	16	15	15	15	15	15
2930 Domestic appliances n.e.c.	1	2	2	3	109	123	116	115	186	268	260	271

continued

Oman

ISIC Industry	Number of establishments			Number of employees			Wages and salaries paid to employees (thousand RIALS)						
	Note	(numbers)			Note	(numbers)			Note	(thousand RIALS)			
		1996a/	1997	1998		1999	1996a/	1997		1998	1999		
3000 Office, accounting and computing machinery		2	2	2		35	38	50	49	68	144	189	215
3110 Electric motors, generators and transformers		1	3	5		-	-	-	-	-	-	-	-
3120 Electricity distribution & control apparatus		2	2	2		32	74	150	185	60	325	444	800
3130 Insulated wire and cable		2	2	2		191	180	200	153	538	437	578	596
3140 Accumulators, primary cells and batteries		1	2	2		234	267	305	300	400	468	518	634
3150 Lighting equipment and electric lamps		1	2	2		60	66	68	64	66	94	141	116
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		-	-	-		-	-	-	-	-	-	-	-
3311 Medical, measuring, testing appliances, etc.		-	-	1		-	-	4	4	-	-	21	21
3312 Measuring/testing/navigating appliances, etc.		-	-	1		-	-	4	4	-	-	21	21
3313 Industrial process control equipment		-	-	-		-	-	-	-	-	-	-	-
3320 Optical instruments & photographic equipment		1	1	-		10	10	-	46	23	36	-	305
3330 Watches and clocks		-	-	-		-	-	-	-	-	-	-	-
3410 Motor vehicles		-	-	2		-	-	50	4	-	-	77	8
3420 Automobile bodies, trailers & semi-trailers		2	1	1		-	4	4	51	138	3	128	69
3430 Parts/accessories for automobiles		2	1	2		45	38	47	50	-	-	-	124
351 Building and repairing of ships and boats		2	8	10		21	50	58	53	30	68	78	57
3511 Building and repairing of ships		2	8	10		21	50	58	53	30	68	78	57
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		15	24	31		1295	1610	1844	1955	2493	2956	2933	2999
369 Manufacturing n.e.c.		4	6	7		161	140	242	204	278	241	598	337
3691 Jewellery and related articles		-	-	-		-	-	-	96	-	-	-	143
3692 Musical instruments		-	-	-		-	-	-	-	-	-	-	-
3693 Sports goods		-	-	-		-	-	-	-	-	-	-	-
3694 Games and toys		-	-	-		-	-	-	-	-	-	-	-
3699 Other manufacturing n.e.c.		4	6	7		161	140	242	109	278	241	598	194
3710 Recycling of metal waste and scrap		2	2	2		26	26	28	27	65	67	52	58
3720 Recycling of non-metal waste and scrap		-	-	-		-	-	-	-	-	-	-	-
D Total manufacturing		398	812	831		23902	27624	30663	32958	51349	55901	62820	70764

a/ Establishments with 10 or more employees.

ISIC Industry	Output (thousand RIALS)				Note	Value added (thousand RIALS)				Note	Gross fixed capital formation (thousand RIALS)	
	1996a/	1997	1998	1999		1996a/	1997	1998	1999		1998	1999
ISIC Industry												
151 Processed meat, fish, fruit, vegetables, fats	30293	32490	34299	37407		9167	9733	8365	10015		21892	37501
1511 Processing/preserving of meat	2977	2266	3331	2615		532	447	611	280		3481	2086
1512 Processing/preserving of fish	13619	14958	11421	9898		5111	6142	4095	4226		6917	11965
1513 Processing/preserving of fruit & vegetables	1862	1642	1367	4374		787	462	482	1563		6906	16735
1514 Vegetable and animal oils and fats	11835	13623	18180	20720		2737	2683	3176	3925		4588	6716
1520 Dairy products	15532	17375	20175	32222		5266	7401	7040	9819		9372	12327
153 Grain mill products; starches; animal feeds	36379	36136	47959	39176		5365	7278	11041	8797		28302	21770
1531 Grain mill products	24107	24026	34556	25819		3917	5561	8824	5880		21523	18485
1532 Starches and starch products	-	-	-	-		-	-	-	-		-	-
1533 Prepared animal feeds	12272	12110	13404	13357		1448	1717	2216	2916		6779	3285
154 Other food products	18519	21402	24813	23774		6860	9128	10282	11150		11689	20020
1541 Bakery products	15983	16624	21132	20272		5670	6598	8904	9757		10367	18545
1542 Sugar	1057	1095	1020	929		525	355	550	581		286	660
1543 Cocoa, chocolate and sugar confectionery	-	-	-	-		-	-	-	-		-	-
1544 Macaroni, noodles & similar products	1579	3683	2662	2574		665	2174	828	812		1035	815
1549 Other food products n.e.c.	24323	29485	26322	29663		7056	7466	6023	9386		21167	18691
155 Beverages	-	-	-	-		-	-	-	-		-	-
1551 Distilling, rectifying & blending of spirits	-	-	-	-		-	-	-	-		-	-
1552 Wines	-	-	-	-		-	-	-	-		-	-
1553 Malt liquors and malt	-	-	-	-		-	-	-	-		-	-
1554 Soft drinks; mineral waters	24323	29485	26322	29663		7056	7466	6023	9386		21167	18691
1600 Tobacco products	-	-	-	-		-	-	-	-		-	-
171 Spinning, weaving and finishing of textiles	6491	3100	5158	6194		3300	1075	2379	3251		7746	7588
1711 Textile fibre preparation; textile weaving	6491	3100	5158	6194		3300	1075	2379	3251		7746	7588
1712 Finishing of textiles	-	199	362	896		200	146	191	271		60	1869
1721 Made-up textile articles, except apparel	275	199	108	896		200	146	58	271		-2	1869
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	218		-	24	37	99		1143	755
1810 Wearing apparel, except fur apparel	28661	39555	33047	37502		10278	20738	12856	16665		5647	5664
1820 Dressing & dyeing of fur; processing of fur	-	-	-	-		-	-	-	-		-	-
191 Tanning, dressing and processing of leather	-	37	32	-		-	16	11	-		5	-
1911 Tanning and dressing of leather	-	37	32	-		-	16	11	-		5	-
1912 Luggage, handbags, etc.; saddlery & harness	595	1876	1685	1577		290	886	756	725		1022	332
1920 Footwear	-	-	-	-		-	-	-	-		-	-
2010 Sawmilling and planing of wood	5919	9135	9989	9795		3315	4596	5159	5031		2042	4719
2020 Products of wood, cork, straw, etc.	5919	9131	9989	9795		3315	4595	5159	5031		2042	4719
2021 Veneer sheets, plywood, particle board, etc.	-	-	-	-		-	-	-	-		-	-
2022 Builders' carpentry and joinery	-	-	-	-		-	-	-	-		-	-
2023 Wooden containers	-	4	-	-		-	2	-	-		-	-
2029 Other wood products; articles of cork/straw	-	-	-	-		-	-	-	-		-	-
210 Paper and paper products	9222	6172	9232	10165		2689	2248	3791	4607		6602	8398
2101 Pulp, paper and paperboard	2376	2093	4417	4922		716	665	1576	2067		2771	3617
2102 Corrugated paper and paperboard	2033	2093	4815	5242		1289	1583	2215	2540		3831	4781
2109 Other articles of paper and paperboard	4812	4079	4815	5242		-	-	-	-		-	-
221 Publishing	9840	7204	7685	6589		5978	4208	4804	3968		7684	8491
2211 Publishing of books and other publications	4938	3211	3100	2401		2147	1708	1797	1350		3073	163
2212 Publishing of newspapers, journals, etc.	4902	3993	4585	4188		3831	2499	3008	2618		4611	8329
2213 Publishing of recorded media	-	-	-	-		-	-	-	-		-	-
2219 Other publishing	-	-	-	-		-	-	-	-		-	-

cont. inued

Oman

ISIC Industry	Output (thousand RIALS)			Value added (thousand RIALS)			Gross fixed capital formation (thousand RIALS)		
	1996a/	1997	1998	1996a/	1997	1998	1996a/	1997	1998
	Note	Note	Note	Note	Note	Note	Note	Note	Note
222 Printing and related service activities	2326	4610	5580	421	2317	2938	3469	6343	7666
2221 Printing	2263	4178	5070	400	2116	2753	2785	5002	6157
2222 Service activities related to printing	63	433	888	21	200	185	684	1341	1509
2230 Reproduction of recorded media	-	705	823	-	493	348	322	78	-
2310 Coke oven products	210810	225162	266129	52626	40520	44506	40461	99558	93504
2320 Refined petroleum products	1677	864	4115	1251	594	2348	2594	15729	19700
2330 Processing of nuclear fuel	1677	864	4005	1251	594	2276	2361	15697	19231
2411 Basic chemicals, except fertilizers	-	-	110	-	-	72	-	32	-
2412 Fertilizers and nitrogen compounds	-	-	499	-	-	-	233	-	468
2413 Plastics in primary forms; synthetic rubber	36087	34880	38218	16425	13716	14278	14627	15681	15779
242 Other chemicals	1108	638	630	305	184	225	106	106	-
2421 Pesticides and other agro-chemical products	9547	10499	11941	4658	4413	5289	5891	5019	7841
2422 Paints, varnishes, printing ink and mastics	13481	10522	7954	6652	4709	2088	1806	3152	1755
2423 Pharmaceuticals, medicinal chemicals, etc.	11575	12640	17089	4577	4041	6295	6790	7175	6174
2424 Soap, cleaning & cosmetic preparations	377	581	604	223	370	380	141	229	9
2429 Other chemical products n.e.c.	-	-	-	-	-	-	-	-	-
2430 Man-made fibres	117	85	210	53	30	117	113	69	562
2511 Rubber tyres and tubes	117	85	210	53	30	117	113	69	562
2519 Other rubber products	-	-	-	-	-	-	-	-	-
2520 Plastic products	10428	19386	16605	4284	5254	7023	11023	17452	19103
2610 Glass and glass products	9212	9883	11047	3320	4533	4683	6263	27868	22679
269 Non-metallic mineral products n.e.c.	69215	77224	80016	37764	40984	45538	51307	248109	250849
2691 Pottery, china and earthenware	26	26	84	21	21	75	84	60	68
2692 Refractory ceramic products	339	271	1191	208	154	894	565	3464	7105
2693 Struct.non-refractory clay; ceramic products	32189	33235	29923	17903	18831	17841	22018	211014	198924
2694 Cement, lime and plaster	12293	16184	17720	5563	6768	8579	8579	10681	15028
2695 Articles of concrete, cement and plaster	6454	7144	7759	4031	4872	5180	6510	8064	11819
2696 Cutting, shaping & finishing of stone	17940	20365	23340	10060	10338	13331	13551	14826	17904
2699 Other non-metallic mineral products n.e.c.	-	-	-	-	-	-	-	-	-
2710 Basic iron and steel	367	177	319	95	85	288	1007	170	13604
2720 Basic precious and non-ferrous metals	20170	22193	19623	10762	11651	10675	6581	1204	44049
273 Casting of metals	-	-	-	-	-	-	-3	-	485
2731 Casting of iron and steel	-	-	-	-	-	-	-3	-	485
2732 Casting of non-ferrous metals	-	-	-	-	-	-	-	-	-
281 Struct. metal products;tanks;steam generators	15096	19867	19461	6537	11098	8772	13556	6740	11672
2811 Structural metal products	13402	19867	19461	5850	11098	8772	13554	6740	11661
2812 Tanks, reservoirs and containers of metal	1693	-	-	687	-	-	2	-	11
2813 Steam generators	-	-	-	-	-	-	-	-	-
289 Other metal products; metal working services	11794	4887	12385	7201	1934	6564	2141	7954	6748
2891 Metal forging/pressing/stamping/roll-forming	-	-	-	-	-	-	-	-	-
2892 Treatment & coating of metals	7751	1224	1518	6032	541	620	669	763	342
2893 Cutlery, hand tools and general hardware	-	-	101	-	83	-	-	-	-
2899 Other fabricated metal products n.e.c.	4043	3662	10766	1169	1393	5860	1472	7191	6405
291 General purpose machinery	8401	8913	8976	2089	4276	3919	3109	3505	6368
2911 Engines & turbines(not for transport equip.)	-	-	479	-	-	221	584	-181	820
2912 Pumps, compressors, taps and valves	6327	6979	6170	1191	3655	2701	1709	1118	792
2913 Bearings, gears, gearing & driving elements	-	-	-	-	-	-	-	-	-
2914 Ovens, furnaces and furnace burners	-	-	-	-	-	-	-	-	-
2915 Lifting and handling equipment	-	-	-	-	-	-	-	-	-
2919 Other general purpose machinery	2073	1934	2328	899	621	996	717	2568	4757

292 Special purpose machinery	438	3133	648	2186	281	1261	454	1496	591	1645
2921 Agricultural and forestry machinery	-	-	-	-	-	-	-	-	-	-
2922 Machine tools	-	-	-	-	-	-	-	-	-	-
2923 Machinery for metallurgy	-	-	-	-	-	-	-	-	-	-
2924 Machinery for mining & construction	-	2733	16	1620	-	992	10	1068	46	1092
2925 Food/beverage/tobacco processing machinery	-	-	-	-	-	-	-	-	-	-
2926 Machinery for textile, apparel and leather	-	-	-	-	-	-	-	-	-	-
2927 Weapons and ammunition	416	400	632	566	266	269	444	428	546	553
2929 Other special purpose machinery	22	-	-	-	15	-	-	-	-	-
2930 Domestic appliances n.e.c.	1681	1745	1459	1613	848	916	766	818	507	71
3000 Office, accounting and computing machinery	359	865	628	642	80	477	184	233	54	127
3110 Electric motors, generators and transformers	-	-	-	-	-	-	-	-	-	-
3120 Electricity distribution & control apparatus	2197	2418	4019	4023	634	194	1645	1119	199	308
3130 Insulated wire and cable	8429	9886	9871	10773	1792	2019	1907	2610	9388	9623
3140 Accumulators, primary cells and batteries	5876	7121	9028	7374	2134	2177	3240	2629	2898	3178
3150 Lighting equipment and electric lamps	513	1052	817	1107	197	465	226	326	120	253
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	-	-	21	15	-	-	12	7	17	13
3312 Measuring/testing/navigating appliances, etc.	-	-	21	15	-	-	12	7	17	13
3313 Industrial process control equipment	-	-	-	-	-	-	-	-	-	-
3320 Optical instruments & photographic equipment	73	488	-	1933	43	479	-	954	-	8179
3330 Watches and clocks	-	-	-	-	-	-	-	-	-	-
3410 Motor vehicles	-	-	206	22	-	-	150	9	532	28
3420 Automobile bodies, trailers & semi-trailers	-	8	9	156	-	3	4	111	3	552
3430 Parts/accessories for automobiles	365	338	359	329	221	222	216	210	747	233
351 Building and repairing of ships and boats	131	324	296	314	66	212	144	150	270	99
3511 Building and repairing of ships	131	324	296	314	66	212	144	150	270	99
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	16018	19532	21349	16221	8213	10808	12011	9429	7341	5502
369 Manufacturing n.e.c.	1885	2007	2648	8957	887	821	1352	1264	1118	849
3691 Jewellery and related articles	-	-	-	7150	-	-	-	412	-	120
3692 Musical instruments	-	-	-	-	-	-	-	-	-	-
3693 Sports goods	-	-	-	-	-	-	-	-	-	-
3694 Games and toys	-	-	-	-	-	-	-	-	-	-
3699 Other manufacturing n.e.c.	1885	2007	2648	1807	887	821	1352	852	1118	729
3710 Recycling of metal waste and scrap	586	528	454	399	254	216	211	198	26	31
3720 Recycling of non-metal waste and scrap	-	-	-	-	-	-	-	-	-	-
D Total manufacturing	620101	677146	756213	846229	218241	233239	247254	261818	599642	691584

a/ Establishments with 10 or more employees.

PANAMA

<p>Supplier of information: Dirección de Estadística y Censo, Contraloría General de la República, Panamá.</p> <p>Basic source of data: Industrial survey.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: All establishments.</p> <p>Method of enumeration: Individual sites are visited by enumerators.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications: 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 Industry	Number of establishments				Number of employees				Wages and salaries paid to employees					
	(numbers)				(numbers)				(thousand BALBOAS)					
	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999		
ISIC Industry	Note				Note				Note					
151 Processed meat, fish, fruit, vegetables, fats		78	78	71		5724	5965	6788		6354	26046	27331	28740	31072
1511 Processing/preserving of meat		37	37	37		1988	3624	3795		3663	10903	12863	14737	15237
1512 Processing/preserving of fish		30	30	23		2239	1802	1616		1466	5821	6043	7074	7384
1513 Processing/preserving of fruit & vegetables		8	8	8		1083	1115	973		863	5966	4415	3848	4248
1514 Vegetable and animal oils and fats		3	3	3		414	424	404		362	3356	4210	3080	4184
1515 Dairy products		28	28	28		1524	1647	2074		2029	11933	11346	16123	16707
152 Grain mill products; starches; animal feeds		81	81	82		2140	2310	2569		2340	7710	8563	9111	9160
153 Starches and starch products		66	66	66		1557	1456	1530		1561	5415	5500	6025	6144
1531 Grain mill products		15	15	16		583	854	1039		779	2295	3063	3086	3016
1532 Prepared animal feeds		152	157	157		5767	6204	6361		5667	23975	28991	28814	27763
154 Bakery products		101	101	101		2960	3103	3292		3219	10904	10887	12116	11263
1541 Bakery products		3	3	3		1766	1821	1786		1157	8626	12808	10909	9681
1543 Cocoa, chocolate and sugar confectionery		-	-	-		-	-	-		-	-	-	-	-
1544 Macaroni, noodles & similar products		48	53	53		1051	1280	1273		1291	4445	5296	5789	6919
1549 Other food products n.e.c.		21	21	21		2143	1884	2330		2432	12285	12423	14509	18890
155 Beverages		10	10	13		559	471	626		645	3118	2956	2533	2796
1551 Distilling, rectifying & blending of spirits		-	-	-		-	-	-		-	-	-	-	-
1552 Wines		4	4	3		907	894	968		830	5766	6363	7543	7397
1553 Malt liquors and malt		7	7	5		677	519	736		957	3411	3104	4433	8698
1554 Soft drinks; mineral waters		-	-	-		-	-	-		-	-	-	-	-
1600 Tobacco products		2	2	2		193	182	4		-	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		249	1246	1291	1043	1352
1810 Wearing apparel, except fur apparel		79	79	69		4538	4137	4160		3113	13565	13667	13922	10162
1820 Dressing & dyeing of fur; processing of fur		-	-	-		-	-	-		-	-	-	-	-
191 Tanning, dressing and processing of leather		7	7	7		264	259	251		257	1441	1258	1196	1323
1911 Tanning and dressing of leather		7	7	7		264	259	251		257	1441	1258	1196	1323
1912 Luggage, handbags, etc.; saddlery & harness		16	16	13		708	695	578		519	2605	2311	2196	1451
1920 Footwear		8	8	8		318	285	283		335	963	982	988	1796
2010 Sawmilling and planing of wood		16	16	16		540	558	543		459	1823	1852	1098	1665
202 Products of wood, cork, straw, etc.		4	4	4		344	340	339		252	1144	1163	1098	890
2021 Veneer sheets, plywood, particle board, etc.		12	12	12		196	218	204		207	679	816	754	775
2022 Builders' carpentry and joinery		-	-	-		-	-	-		-	-	-	-	-
2023 Wooden containers		-	-	-		-	-	-		-	-	-	-	-
2029 Other wood products; articles of cork/straw		-	-	-		-	-	-		-	-	-	-	-
210 Paper and paper products		36	36	27		1836	1925	1899		1826	11314	10719	11190	9333
2101 Pulp, paper and paperboard		13	13	9		1080	1075	847		683	7028	6928	6640	4142
2102 Corrugated paper and paperboard		23	23	18		756	850	1052		1143	4286	3791	4550	5090
2109 Other articles of paper and paperboard		26	26	26		899	1068	1092		1279	6479	7222	7363	8790
221 Publishing of books and other publications		11	11	11		672	830	853		1044	5608	6019	6319	7718
2212 Publishing of newspapers, journals, etc.		15	15	15		227	238	239		235	871	1203	1044	1072
2213 Publishing of recorded media		-	-	-		-	-	-		-	-	-	-	-
2219 Other publishing		-	-	-		-	-	-		-	-	-	-	-

222 Printing and related service activities	90	90	1438	1555	6089	5764	6585	7678
2221 Printing	90	90	1438	1555	6089	5764	6585	7678
2222 Service activities related to printing	-	-	-	-	-	-	-	-
2230 Reproduction of recorded media	-	-	-	-	-	-	-	-
2310 Coke oven products	8	8	465	407	14714	13541	13730	13814
2320 Refined petroleum products	-	-	-	-	-	-	-	-
2330 Processing of nuclear fuel	-	-	-	-	-	-	-	-
2411 Basic chemicals	8	8	181	209	1314	1604	1887	2287
2412 Basic chemicals, except fertilizers	8	8	181	209	1314	1604	1887	2287
2413 Fertilizers and nitrogen compounds	-	-	-	-	-	-	-	-
2414 Plastics in primary forms; synthetic rubber	-	-	-	-	-	-	-	-
242 Other chemicals	48	43	2181	1345	13598	12629	14794	11195
2421 Pesticides and other agro-chemical products	48	43	2181	1345	13598	12629	14794	11195
2422 Paints, varnishes, printing ink and mastics	9	9	386	317	2640	2474	3334	2709
2423 Pharmaceuticals, medicinal chemicals, etc.	12	12	594	524	2877	3156	3671	3806
2424 Soap, cleaning & cosmetic preparations	27	22	1201	504	8081	6999	7789	4680
2429 Other chemical products n.e.c.	-	-	-	-	-	-	-	-
2430 Man-made fibres	-	-	-	-	-	-	-	-
251 Rubber products	7	7	232	218	835	899	1041	1076
2511 Rubber tyres and tubes	7	7	232	218	835	899	1041	1076
2519 Other rubber products	-	-	-	-	-	-	-	-
2520 Plastic products	44	44	2105	2121	10675	10922	10511	11169
2610 Glass and glass products	8	8	435	451	1614	1570	1461	1766
269 Non-metallic mineral products n.e.c.	59	59	2189	2464	12375	12403	13144	16323
2691 Pottery, china and earthenware	59	59	2189	2464	12375	12403	13144	16323
2692 Refractory ceramic products	3	3	20	-	721	494	-	-
2693 Struct non-refractory clay; ceramic products	3	3	20	-	721	494	-	-
2694 Cement, lime and plaster	6	6	536	693	5857	4407	4744	8511
2695 Articles of concrete, cement and plaster	50	50	1653	1771	5797	7502	8400	7812
2696 Cutting, shaping & finishing of stone	-	-	-	-	-	-	-	-
2699 Other non-metallic mineral products n.e.c.	-	-	-	-	-	-	-	-
2710 Basic iron and steel	6	6	386	353	1767	2199	1923	1876
2720 Basic precious and non-ferrous metals	3	3	170	179	988	817	924	969
273 Casting of metals	-	-	-	-	-	-	-	-
2731 Casting of iron and steel	-	-	-	-	-	-	-	-
2732 Casting of non-ferrous metals	-	-	-	-	-	-	-	-
281 Struct. metal products; tanks; steam generators	66	66	938	844	3425	3954	3017	4544
2811 Structural metal products	59	59	727	620	2550	3196	2049	3036
2812 Tanks, reservoirs and containers of metal	7	7	211	224	875	758	968	1508
2813 Steam generators	37	37	352	389	1404	1304	1597	1564
2891 Other metal products; metal working services	37	37	352	389	1404	1304	1597	1564
2892 Metal forging/pressing/stamping/roll-forming	-	-	-	-	-	-	-	-
2893 Treatment & coating of metals	-	-	-	-	-	-	-	-
2899 Cutlery, hand tools and general hardware	37	37	352	389	1404	1304	1597	1564
2899 Other fabricated metal products n.e.c.	37	37	352	389	1404	1304	1597	1564
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 Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	(numbers)				(numbers)				(thousand BALBOAS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Revision 3															
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	883	c/	37268	38820	40290	37394	c/	192279	197644	207897	213625

a/ 2102 includes 2101.

b/ 2411 includes 2412.

c/ Sum of available data.

Panama

ISIC Industry	Output in producers' prices (thousand BALBOAS)				Value added in producers' prices (thousand BALBOAS)				Gross fixed capital formation (thousand BALBOAS)			
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999		
		1995	1996	1997	1998		1999	1998	1999			
151 Processed meat, fish, fruit, vegetables, fats		383318	473253	455125	423817		71180	76446	80221	77245	4347	15315
1511 Processing/preserving of meat		164970	183680	189000	205523		24030	24187	29807	33169	3997	9213
1512 Processing/preserving of fish		91548	164232	134079	88539		15426	26430	23489	13054	6123	8110
1513 Processing/preserving of fruit & vegetables		72203	67703	85055	75383		17643	12407	19389	16568	242	1241
1514 Vegetable and animal oils and fats		54597	57638	46991	54373		14081	13422	7536	14455	-6015	-3249
1520 Dairy products		127421	135584	179235	172955		27141	29443	51278	42514	15735	18903
1530 Grain mill products; starches; animal feeds		197842	204353	235489	232102		23954	29085	29034	32265	5833	7635
1531 Grain mill products		131723	132601	144281	144249		20172	21808	22398	24196	2957	4074
1532 Starches and starch products		66119	71752	91208	87853		3782	7277	6636	8069	2876	3561
1533 Prepared animal feeds		239585	257178	288515	248280		63358	68298	73749	80905	9036	15046
154 Other food products		67612	69181	69276	73476		19252	19710	21162	22319	2050	4062
1541 Bakery products		81651	93576	93712	77811		32109	40204	38060	38111	4657	6593
1542 Sugar		-	-	-	-		-	-	-	-	-	-
1543 Cocoa, chocolate and sugar confectionery		-	-	-	-		-	-	-	-	-	-
1544 Macaroni, noodles & similar products		-	-	-	-		-	-	-	-	-	-
1549 Other food products n.e.c.		86322	94421	95528	96993		11997	9384	14527	20475	2329	4391
155 Beverages		176378	173697	207674	210921		56694	59138	42896	51114	14312	16868
1551 Distilling, rectifying & blending of spirits		42857	39664	44540	48757		17987	19461	8167	12076	2730	679
1552 Mines		-	-	-	-		-	-	-	-	-	-
1553 Malt liquors and malt		74303	72100	88291	84729		26996	26183	27425	25368	10197	5776
1554 Soft drinks; mineral waters		59218	61933	74843	77435		11711	13494	7304	13670	1385	10413
1600 Tobacco products		37763	40086	19379	-		17813	15714	413	-	-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	9920		3153	3376	3259	3998	472	378
1810 Wearing apparel, except fur apparel		72670	68922	68869	55977		22476	23427	24227	20601	793	27
1820 Dressing & dyeing of fur; processing of fur		-	-	-	-		-	-	-	-	-	-
191 Tanning, dressing and processing of leather		17625	16105	18175	15510		4432	3468	3857	2526	217	119
1911 Tanning and dressing of leather		17625	16105	18175	15510		4432	3468	3857	2526	217	119
1912 Luggage, handbags, etc.; saddlery & harness		-	-	-	-		-	-	-	-	-	-
1920 Footwear		15742	16425	14173	13343		3857	4075	3533	2800	269	-2645
2010 Sawmilling and planing of wood		6845	9383	9402	10196		-1458	2283	2428	3375	1164	2470
2021 Products of wood, cork, straw, etc.		11741	12250	12148	9678		3211	3159	3135	1413	488	489
2021 Veneer sheets, plywood, particle board, etc.		5783	6914	5640	3047		1896	2062	1757	65	58	40
2022 Builders' carpentry and joinery		5958	5336	6508	6632		1315	1097	1378	1348	430	449
2023 Wooden containers		-	-	-	-		-	-	-	-	-	-
2029 Other wood products; articles of cork/straw		-	-	-	-		-	-	-	-	-	-
210 Paper and paper products		134966	117629	106498	110913		32909	26244	27252	22152	-2395	-449
2101 Pulp, paper and paperboard	a/	85916	73428	67793	61461	a/	18452	15728	18101	12262	3829	-1451
2102 Corrugated paper and paperboard	a/	49050	44201	38705	49452	a/	14457	10516	9151	9889	-6224	1001
2109 Other articles of paper and paperboard		44730	52223	62799	67139		18384	21539	24128	25798	10370	8236
221 Publishing of books and other publications		36917	42883	53232	56118		16521	19283	21847	23352	9958	8434
2212 Publishing of newspapers, journals, etc.		7813	9340	9567	11022		1863	2256	2281	2437	412	-198
2213 Publishing of recorded media		-	-	-	-		-	-	-	-	-	-
2219 Other publishing		-	-	-	-		-	-	-	-	-	-

continued

Panama

ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation	
	(thousand BALBOAS)				(thousand BALBOAS)				(thousand BALBOAS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry										
222 Printing and related service activities		41755	39789	43186	43250		13236	12473	13946	13575
2221 Printing		41755	39789	43186	43250		13236	12473	13946	13575
2222 Service activities related to printing		-	-	-	-		-	-	-	-
2223 Reproduction of recorded media		-	-	-	-		-	-	-	-
2230 Processing of nuclear fuel		414295	382062	291282	424201		-9596	11623	31460	36426
2310 Coke oven products		-	-	-	-		-	-	-	-
2320 Refined petroleum products		-	-	-	-		-	-	-	-
2330 Processing of nuclear fuel		-	-	-	-		-	-	-	-
241 Basic chemicals		21135	19954	12686	17501		4093	4812	-164	9402
2411 Basic chemicals, except fertilizers		21135	19954	12686	17501	b/	4093	4812	-164	9402
2412 Fertilizers and nitrogen compounds		-	-	-	-	b/	-	-	-	-
2413 Plastics in primary forms, synthetic rubber		137537	146462	146950	104592		28942	31899	35508	24406
242 Other chemicals		31794	30144	32319	35134		5241	6156	6145	7718
2421 Pesticides and other agro-chemical products		23475	26895	30219	31941		7834	7910	12727	10921
2422 Paints, varnishes, printing ink and mastics		82268	89423	84412	37518		15867	17833	16636	5767
2423 Pharmaceuticals, medicinal chemicals, etc.		-	-	-	-		-	-	-	-
2424 Soap, cleaning & cosmetic preparations		-	-	-	-		-	-	-	-
2429 Other chemical products n.e.c.		-	-	-	-		-	-	-	-
2430 Man-made fibres		8148	8338	8167	7300		1421	1741	2221	1514
251 Rubber products		-	-	-	-		-	-	-	-
2511 Rubber tyres and tubes		-	-	-	-		-	-	-	-
2519 Other rubber products		92395	105763	98663	90955		29208	32032	10261	24791
2520 Plastic products		17073	16986	15792	16984		7442	6169	5293	5341
2521 Glass and glass products		132142	162322	181049	225436		41020	48339	52899	66363
2529 Non-metallic mineral products n.e.c.		2516	109	-	-		137	-334	-	-
2691 Pottery, china and earthenware		68364	84743	94433	124377		28125	31967	35180	45798
2692 Refractory ceramic products		61262	77470	86616	101059		12758	16706	17819	20566
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.		40916	54105	52851	52706		6010	6876	-3779	5198
2710 Basic iron and steel		10297	10210	12508	12772		1730	2106	1942	2391
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		43264	42902	47593	45753		7210	8466	8942	9475
2811 Structural metal products		34522	31974	36682	29694		5117	6338	6887	5894
2812 Tanks, reservoirs and containers of metal		8742	10928	10911	16059		2093	2128	2055	3882
2813 Steam generators		-	-	-	-		-	-	-	-
2819 Other metal products: metal working services		9913	10823	13220	13284		1660	1109	952	2747
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	13284		1660	1109	952	2747
291 General purpose machinery		-	-	-	-		-	-	-	-
2911 Engines & turbines(not for transport equip.)		-	-	-	-		-	-	-	-
2912 Pumps, compressors, taps and valves		-	-	-	-		-	-	-	-
2913 Bearings, gears, gear & 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	...	...	...	...	...	...	...	...	...
2928 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	...	...	...	...	...	...	...	...	...
3180 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	2586625	2579846	2635495	c/	479478	534339	529001	568332	c/	98239	111476

a/ 2102 includes 2101.
b/ 2411 includes 2412.
c/ Sum of available data.

Panama

ISIC Industry		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
		Note												
15	Food and beverages	90	97	100	105	111	115	118	118	121	131	141	132	
16	Tobacco products	82	77	100	95	99	129	171	162	179	171	...	...
17	Textiles	62	86	100	102	90	101	101	93	94	106	103	101	
18	Wearing apparel, fur	87	90	100	121	131	128	114	109	99	88	83	64	
19	Leather, leather products and footwear	119	97	100	106	110	116	127	144	118	108	101	93	
20	Wood products (excl. furniture)	65	89	100	98	118	116	133	114	101	110	102	100	
21	Paper and paper products	88	94	100	103	105	104	124	125	114	106	93	87	
22	Printing and publishing	75	80	100	103	120	127	135	140	127	128	161	165	
23	Coke, refined petroleum products, nuclear fuel	85	80	100	97	150	136	97	112	184	187	206	222	
24	Chemicals and chemical products	89	95	100	110	122	126	135	140	131	132	133	119	
25	Rubber and plastics products	76	89	100	110	126	130	141	141	131	147	142	132	
26	Non-metallic mineral products	73	73	100	156	178	238	255	232	211	229	277	305	
27	Basic metals	62	58	100	146	169	196	170	202	227	301	252	358	
28	Fabricated metal products	71	76	100	116	127	134	149	155	156	178	212	209	
29	Machinery and equipment n.e.c.	71	40	100	47	31	32	39	45	33	39	54	58	
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	68	64	100	127	149	194	219	213	253	256	213	87	
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	80	90	100	101	109	105	121	125	119	130	113	111	
34	Motor vehicles, trailers, semi-trailers	...	...	100	63	60	74	77	76	73	83	84	78
35	Other transport equipment	...	...	100	60	61	71	61	93	96	91	88	119
36	Furniture, manufacturing n.e.c.	64	78	100	110	115	125	131	116	110	126	140	118	
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	84	89	100	108	118	126	130	131	131	138	144	138	

PERU

<p>Supplier of information: Oficina General de Informática, Estadística y Racionalización, Ministerio de Industria, Turismo, Integración y Negociaciones Comerciales Internacionales, Lima.</p> <p>Basic source of data: Survey of the manufacturing industry.</p> <p>Major deviations from ISIC (Revision 3): Processing and preserving of fish and fish products (ISIC 1512) is not included.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Establishments with 5 or more persons engaged.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <u>Output</u> is gross output. <u>Value added</u> is total value added.</p> <p>Related national publications:</p>
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ISIC Industry	Number of establishments (numbers)				Number of persons engaged (numbers)				Wages and salaries paid to employees (million NEW SOLES)						
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
		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		330	340	...	...		8468	8513	...	...		101.7	118.3	...	...
1511 Processing/preserving of meat		93	95	...	...		1474	1239	...	...		10.8	11.9	...	...
1512 Processing/preserving of fish		179	188	...	...		4735	4798	...	...		35.1	44.5	...	...
1513 Processing/preserving of fruit & vegetables		58	57	...	...		2259	2476	...	...		54.8	61.7	...	...
1514 Vegetable and animal oils and fats		155	178	...	...		2505	2600	...	...		45.5	50.8	...	...
1520 Dairy products		468	543	...	...		6971	8235	...	...		94.1	114.1	...	...
153 Grain mill products		322	387	...	...		4383	5196	...	...		68.0	85.5	...	...
1531 Grain mill products		1	1	...	...		120	132	...	...		3.2	3.0	...	...
1532 Starches and starch products		145	155	...	...		2468	2907	...	...		22.8	25.5	...	...
1533 Prepared animal feeds		2283	2393	...	...		28614	29705	...	...		245.4	294.2	...	...
154 Other food products		1717	1802	...	...		15338	16373	...	...		81.3	104.5	...	...
1541 Bakery products		34	35	...	...		5159	4899	...	...		45.8	56.6	...	...
1542 Sugar		91	112	...	...		1750	2029	...	...		25.4	28.8	...	...
1543 Cocoa, chocolate and sugar confectionery		23	28	...	...		1202	1187	...	...		31.8	29.5	...	...
1544 Macaroni, noodles & similar products		418	415	...	...		5155	5217	...	...		61.0	74.9	...	...
1549 Other food products n.e.c.		472	585	...	...		11351	11815	...	...		273.5	285.4	...	...
155 Beverages		169	277	...	...		1273	1659	...	...		10.4	13.4	...	...
1551 Distilling, rectifying & blending of spirits		122	124	...	...		1217	1234	...	...		8.3	9.0	...	...
1552 Wines		12	13	...	...		3285	2740	...	...		158.1	161.2	...	...
1553 Malt liquors and malt		169	171	...	...		5556	6182	...	...		96.8	101.7	...	...
1554 Soft drinks; mineral waters		3	3	...	...		401	337	...	...		14.1	12.4	...	...
1600 Tobacco products		511	518	...	...		16387	15315	...	...		170.4	178.7	...	...
171 Spinning, weaving and finishing of textiles		452	451	...	...		15039	13572	...	...		163.1	166.7	...	...
1711 Textile fibre preparation; textile weaving		59	67	...	...		1348	1743	...	...		7.4	12.0	...	...
1712 Finishing of textiles		187	205	...	...		2236	2475	...	...		18.8	23.5	...	...
172 Other textiles		85	96	...	...		559	711	...	...		2.2	3.0	...	...
1721 Made-up textile articles, except apparel		18	18	...	...		253	259	...	...		3.2	3.7	...	...
1722 Carpets and rugs		11	9	...	...		184	229	...	...		3.5	5.0	...	...
1723 Cordage, rope, twine and netting		73	82	...	...		1130	1276	...	...		9.5	11.8	...	...
1729 Other textiles n.e.c.		564	577	...	...		9180	9777	...	...		59.0	68.5	...	...
1730 Knitted and crocheted fabrics and articles		1379	1488	...	...		16246	17224	...	...		69.7	95.4	...	...
1810 Wearing apparel, except fur apparel		37	35	...	...		267	239	...	...		1.1	1.0	...	...
1820 Dressing & dyeing of fur; processing of fur		249	277	...	...		2661	2806	...	...		16.5	18.1	...	...
191 Tanning, dressing and processing of leather		152	152	...	...		1802	1800	...	...		4.6	5.1	...	...
1911 Tanning and dressing of leather		97	125	...	...		859	1006	...	...		26.0	29.9	...	...
1912 Luggage, handbags, etc.; saddlery & harness		444	478	...	...		4957	4945	...	...		18.5	27.7	...	...
1920 Footwear		551	571	...	...		4771	5988	...	...		14.2	15.2	...	...
2010 Sawmilling and planing of wood		163	176	...	...		2098	2238	...	...		7.1	7.0	...	...
202 Products of wood, cork, straw, etc.		19	20	...	...		819	851	...	...		2.3	2.6	...	...
2021 Veneer sheets, plywood, particle board, etc.		29	43	...	...		408	495	...	...		0.6	0.6	...	...
2022 Builders' carpentry and joinery		21	16	...	...		140	109	...	...		4.2	5.0	...	...
2023 Wooden containers		94	97	...	...		731	783	...	...		72.1	79.0	...	...
2029 Other wood products; articles of cork/straw		223	236	...	...		5364	5454	...	...		24.7	26.2	...	...
210 Paper and paper products		17	19	...	...		1571	1597	...	...		18.4	18.6	...	...
2101 Pulp, paper and paperboard		96	97	...	...		1626	1658	...	...		29.0	34.1	...	...
2102 Corrugated paper and paperboard		110	120	...	...		2167	2209	...	...		85.8	91.6	...	...
2109 Other articles of paper and paperboard		55	55	...	...		3274	2810	...	...		9.4	8.6	...	...
221 Publishing of books and other publications		22	24	...	...		835	669	...	...		76.4	83.0	...	...
2212 Publishing of newspapers, journals, etc.		32	31	...	...		2439	2141	...	...		-	-	...	...
2213 Publishing of recorded media		1	-	...	...		-	-	...	...		-	-	...	...
2219 Other publishing		-	-	...	...		-	-	...	...		-	-	...	...

222 Printing and related service activities	837	872	9700	76.4	96.6	...
2221 Printing	817	849	9173	69.2	90.3	...
2222 Service activities related to printing	20	532	527	7.2	6.3	...
2230 Reproduction of recorded media	1	24	24	0.2	0.2	...
2310 Coke oven products	1	1	38	1.0	1.1	...
2320 Refined petroleum products	23	30	2891	114.3	110.0	...
2330 Processing of nuclear fuel	-	-	-	-	-	...
241 Basic chemicals	240	244	3879	70.5	88.0	...
2411 Basic chemicals, except fertilizers	222	222	3196	52.8	74.1	...
2412 Fertilizers and nitrogen compounds	6	6	343	5.1	6.4	...
2413 Plastics in primary forms; synthetic rubber	858	878	399	12.6	7.4	...
242 Other chemicals	33	29	15946	280.7	334.9	...
2421 Pesticides and other agro-chemical products	121	130	333	6.5	6.9	...
2422 Paints, varnishes, printing ink and dyes	228	228	2021	30.1	39.9	...
2423 Pharmaceuticals, medicinal chemicals, etc.	378	380	6232	121.8	142.5	...
2424 Soap, cleaning & cosmetic preparations	98	111	5684	85.9	101.2	...
2429 Other chemical products n.e.c.	35	29	1607	36.3	44.6	...
2430 Man-made fibres	108	111	1081	19.6	20.8	...
251 Rubber products	10	11	1744	45.6	45.0	...
2511 Rubber tyres and tubes	98	100	634	30.3	29.7	...
2519 Other rubber products	570	599	1181	15.3	15.2	...
2520 Plastic products	124	129	10981	111.0	134.3	...
2510 Glass and glass products	749	784	2272	30.9	31.7	...
2569 Non-metallic mineral products n.e.c.	66	72	11607	127.3	153.3	...
25691 Pottery, china and earthenware	5	6	190	14.2	14.2	...
25692 Refractory ceramic products	311	328	187	4.2	4.5	...
2593 Struct.non-refractory clay; ceramic products	62	63	4952	41.2	51.1	...
2594 Cement, lime and plaster	106	120	1690	50.7	49.9	...
2595 Articles of concrete, cement and plaster	13	12	1885	13.5	21.7	...
2596 Cutting, shaping & finishing of stone	186	183	159	0.8	1.0	...
2599 Other non-metallic mineral products n.e.c.	8	10	1428	9.2	10.8	...
2710 Basic iron and steel	20	21	2956	69.9	69.3	...
2720 Basic precious and non-ferrous metals	50	62	7760	256.6	250.3	...
273 Casting of metals	23	29	2089	26.2	33.0	...
2731 Casting of iron and steel	27	33	865	13.1	13.8	...
2732 Casting of non-ferrous metals	400	457	1224	13.1	19.2	...
281 Struct metal products;tanks,steam generators	383	435	4050	24.4	32.9	...
2811 Structural metal products	16	21	3775	22.3	29.9	...
2812 Tanks, reservoirs and containers of metal	1	1	256	1.8	2.6	...
2813 Steam generators	1223	1265	28	0.4	0.4	...
289 Other metal products; metal working services	84	82	12139	115.6	130.2	...
2891 Metal forging/pressing/stamping/roll-forming	75	91	674	8.5	7.0	...
2892 Treatment & coating of metals	151	155	528	2.8	4.2	...
2893 Cutlery, hand tools and general hardware	913	937	1457	13.6	13.7	...
2899 Other fabricated metal products n.e.c.	365	384	9480	90.7	105.2	...
291 General purpose machinery	27	23	4507	43.5	50.2	...
2911 Engines & turbines(not for transport equip.)	22	23	245	3.4	2.5	...
2912 Pumps, compressors, taps and valves	14	19	690	12.7	15.5	...
2913 Bearings, gears, gearing & driving elements	2	3	239	1.6	1.9	...
2914 Ovens, furnaces and furnace burners	4	3	14	0.1	0.1	...
2915 Lifting and handling equipment	296	303	126	3.1	4.1	...
2919 Other general purpose machinery	199	207	2899	22.6	26.2	...
292 Special purpose machinery	53	63	2563	35.3	36.6	...
2921 Agricultural and forestry machinery	97	105	804	7.2	7.6	...
2922 Machine tools	-	-	974	13.6	15.3	...
2923 Machinery for metallurgy	13	16	536	10.3	10.8	...
2924 Machinery for mining & construction	4	4	37	-	0.4	...
2925 Food/beverage/tobacco processing machinery	10	9	111	0.7	1.3	...
2926 Machinery for textile, apparel and leather	4	3	254	1.7	0.4	...
2927 Weapons and ammunition	8	7	134	1.8	1.0	...
2929 Other special purpose machinery	88	90	1547	24.1	15.3	...
2930 Domestic appliances n.e.c.	-	-	2425	-	-	...

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ISIC Revision 3	Number of establishments			Number of persons engaged			Wages and salaries paid to employees					
	Note	(numbers)			Note	(numbers)			Note	(million NEW SOLES)		
		1995	1996	1997		1998	1995	1996		1997	1998	
ISIC Industry												
3000 Office, accounting and computing machinery	3	3	...	...	12	23	...	...	0.1	0.1	...	...
3110 Electric motors, generators and transformers	108	107	...	...	1620	1629	...	...	24.7	26.7	...	...
3120 Electricity distribution & control apparatus	138	138	...	...	1605	1569	...	...	16.5	20.4	...	...
3130 Insulated wire and cable	8	9	...	...	464	501	...	...	11.9	19.2	...	...
3140 Accumulators, primary cells and batteries	29	30	...	...	750	710	...	...	10.6	10.5	...	...
3150 Lighting equipment and electric lamps	24	23	...	...	543	549	...	...	6.1	9.4	...	...
3190 Other electrical equipment n.e.c.	7	7	...	...	97	94	...	...	0.7	0.7	...	...
3210 Electronic valves, tubes, etc.	1	1	...	...	8	...	...	...	-	-	...	...
3220 TV/radio transmitters; line comm. apparatus	3	2	...	...	20	5	...	...	0.1	-	...	...
3230 TV and radio receivers and associated goods	74	61	...	...	461	333	...	...	2.8	2.4	...	...
3311 Medical, measuring, testing appliances, etc.	14	15	...	...	645	657	...	...	4.8	5.2	...	...
3312 Measuring/testing/navigating appliances, etc.	9	9	...	...	265	290	...	...	2.4	2.8	...	...
3313 Industrial process control equipment	5	6	...	...	380	367	...	...	2.4	2.4	...	...
3320 Optical instruments & photographic equipment	40	40	...	...	418	288	...	...	-	-	...	...
3330 Watches and clocks	8	8	...	...	5	5	...	...	2.6	1.8	...	...
3410 Motor vehicles	5	4	...	...	291	276	...	...	15.4	22.7	...	...
3420 Automobile bodies, trailers & semi-trailers	61	71	...	...	1132	965	...	...	8.9	9.5	...	...
3430 Parts/accessories for automobiles	184	255	...	...	2346	2744	...	...	18.9	26.9	...	...
351 Building and repairing of ships and boats	83	86	...	...	2080	2523	...	...	24.1	30.8	...	...
3511 Building and repairing of ships	78	82	...	...	2001	2483	...	...	23.7	30.6	...	...
3512 Railway/tramway locomotives & rolling stock	5	4	...	...	79	40	...	...	0.4	0.1	...	...
3520 Aircraft and spacecraft	1	1	...	...	-	-	...	...	-	-	...	...
3530 Transport equipment n.e.c.	38	40	...	...	473	456	...	...	6.5	7.1	...	...
3591 Motorcycles	2	6	...	...	97	112	...	...	2.8	3.5	...	...
3592 Bicycles and invalid carriages	25	23	...	...	289	257	...	...	3.5	3.4	...	...
3599 Other transport equipment n.e.c.	11	11	...	...	87	87	...	...	0.2	0.3	...	...
3610 Furniture	764	787	...	...	6361	6971	...	...	36.3	48.7	...	...
369 Manufacturing n.e.c.	486	501	...	...	5148	6105	...	...	42.7	59.1	...	...
3691 Jewellery and related articles	165	177	...	...	2073	2459	...	...	19.3	23.1	...	...
3692 Musical instruments	8	8	...	...	27	31	...	...	0.1	0.1	...	...
3693 Sports goods	9	7	...	...	17	17	...	...	0.1	0.1	...	...
3694 Games and toys	19	20	...	...	248	298	...	...	1.5	1.6	...	...
3699 Other manufacturing n.e.c.	285	289	...	...	2783	3300	...	...	21.9	34.2	...	...
3710 Recycling of metal waste and scrap	-	-	...	...	-	-	...	...	-	-	...	...
3720 Recycling of non-metal waste and scrap	5	5	...	...	34	34	...	...	0.1	0.1	...	...
D Total manufacturing	16057	17026	...	...	244340	254449	...	...	3033.6	3439.0	...	...

ISIC Revision 3	Output (million NEW SOLES)				Value added (million NEW SOLES)				Gross fixed capital formation (million NEW SOLES)				
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996
		1995	1996	1997	1998		1995	1996	1997	1998			
ISIC Industry	Note												
151 Processed meat, fish, fruit, vegetables, fats		1502.1	1893.2	...	...		418.7	504.7	...	...		30.8	18.5
1511 Processing/preserving of meat		180.7	225.7	...	...		54.1	61.2	...	...		12.1	-43.6
1512 Processing/preserving of fish		450.0	556.9	...	...		154.7	165.3	...	...		18.5	28.9
1513 Processing/preserving of fruit & vegetables		871.4	1110.6	...	...		209.8	278.2	...	...		0.2	33.3
1514 Vegetable and animal oils and fats		1011.9	1161.6	...	...		265.7	281.5	...	...		-40.2	33.8
1520 Dairy products		2368.4	3200.6	...	...		498.4	598.6	...	...		17.8	-70.9
153 Grain mill products		1340.3	1949.4	...	...		331.7	381.9	...	...		-12.0	-21.5
1531 Grain mill products		33.9	36.7	...	...		10.6	9.0	...	...		11.1	0.2
1532 Starches and starch products		984.2	1214.6	...	...		156.1	207.7	...	...		18.7	-49.6
1533 Prepared animal feeds		3090.1	3643.5	...	...		921.1	1096.5	...	...		48.6	62.6
154 Other food products		791.5	1098.8	...	...		262.0	366.4	...	...		-60.7	26.2
1541 Bakery products		665.5	695.8	...	...		124.8	128.2	...	...		105.7	-15.8
1542 Sugar		399.0	442.9	...	...		142.6	157.1	...	...		-29.4	62.7
1543 Cocoa, chocolate and sugar confectionery		448.2	472.5	...	...		150.7	153.2	...	...		15.2	-39.9
1544 Macaroni, noodles & similar products		785.9	933.7	...	...		241.0	291.5	...	...		17.8	29.3
1549 Other food products n.e.c.		4060.7	4489.1	...	...		2330.8	2399.6	...	...		327.3	265.5
155 Beverages		176.0	284.6	...	...		74.5	89.1	...	...		12.6	19.4
1551 Distilling, rectifying & blending of spirits		91.5	97.2	...	...		32.6	45.5	...	...		0.6	4.2
1552 Wines		2216.3	2422.6	...	...		1571.7	1607.3	...	...		197.7	165.3
1553 Malt liquors and malt		1566.9	1684.7	...	...		652.1	657.7	...	...		116.4	76.6
1554 Soft drinks; mineral waters		191.3	216.7	...	...		114.3	128.1	...	...		-1.1	10.8
1600 Tobacco products		2099.1	2375.9	...	...		646.4	837.6	...	...		139.0	50.9
171 Spinning, weaving and finishing of textiles		1983.1	2231.0	...	...		612.7	794.2	...	...		125.7	45.0
1711 Textile fibre preparation; textile weaving		116.0	144.9	...	...		33.7	43.5	...	...		13.4	5.9
1712 Finishing of textiles		242.2	313.8	...	...		75.8	91.0	...	...		19.8	25.7
172 Other textiles		43.2	50.8	...	...		14.0	17.0	...	...		-	-0.5
1721 Made-up textile articles, except apparel		20.6	23.2	...	...		6.2	6.9	...	...		6.3	7.1
1722 Carpets and rugs		109.0	153.0	...	...		29.5	36.5	...	...		10.7	17.4
1723 Cordage, rope, twine and netting		69.4	85.8	...	...		25.1	30.6	...	...		2.8	1.7
1729 Other textiles n.e.c.		922.4	990.2	...	...		249.9	296.7	...	...		15.6	20.4
1730 Knitted and crocheted fabrics and articles		1026.1	1534.0	...	...		245.8	419.0	...	...		14.9	23.4
1810 Wearing apparel, except fur apparel		23.5	22.2	...	...		8.8	9.1	...	...		0.1	-
1820 Dressing & dyeing of fur; processing of fur		216.9	293.3	...	...		60.1	73.6	...	...		1.6	-2.8
191 Tanning, dressing and processing of leather		158.1	208.5	...	...		41.2	48.8	...	...		0.7	-3.5
1911 Tanning and dressing of leather		58.8	84.8	...	...		18.8	24.8	...	...		0.9	0.7
1912 Luggage, handbags, etc.; saddlery & harness		386.9	419.3	...	...		100.9	113.2	...	...		6.5	12.4
1920 Footwear		349.4	399.4	...	...		87.6	120.4	...	...		4.3	1.8
2010 Sawmilling and planing of wood		150.5	162.0	...	...		51.1	48.0	...	...		2.3	10.0
202 Products of wood, cork, straw, etc.		87.1	86.4	...	...		32.2	29.5	...	...		2.0	7.4
2021 Veneer sheets, plywood, particle board, etc.		25.2	30.1	...	...		7.4	7.4	...	...		0.2	2.3
2022 Builders' carpentry and joinery		11.4	9.2	...	...		5.0	1.5	...	...		0.1	0.1
2023 Wooden containers		26.8	36.3	...	...		7.2	9.6	...	...		0.1	0.2
2029 Other wood products; articles of cork/straw		1136.9	1215.9	...	...		356.4	362.6	...	...		27.0	60.1
210 Paper and paper products		354.5	311.0	...	...		119.8	121.2	...	...		-4.8	29.7
2101 Pulp, paper and paperboard		301.1	335.2	...	...		91.0	112.1	...	...		16.7	10.5
2109 Other articles of paper and paperboard		481.2	569.7	...	...		145.6	178.3	...	...		15.1	19.8
221 Publishing		655.5	713.5	...	...		296.5	316.1	...	...		63.6	82.4
2211 Publishing of books and other publications		159.4	151.0	...	...		66.7	55.7	...	...		22.9	7.5
2212 Publishing of newspapers, journals, etc.		496.1	562.5		229.8	260.4		40.8	74.8
2213 Publishing of recorded media		-	-		-	-		-	-
2219 Other publishing		-	-		-	-		-	-

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ISIC Industry	Output (million NEW SOLES)			Value added (million NEW SOLES)			Gross fixed capital formation (million NEW SOLES)		
	1995	1996	1997	1995	1996	1997	1995	1996	1997
	Note	Note	Note	Note	Note	Note	Note	Note	Note
ISIC Industry									
222 Printing and related service activities	840.0	840.0	...	211.2	343.5	...	12.3	12.4	...
2221 Printing	554.4	773.7	...	185.5	314.2	...	10.1	10.6	...
2222 Service activities related to printing	74.8	66.3	...	0.8	29.3	...	2.3	1.8	...
2230 Reproduction of recorded media	1.4	1.6	...	0.8	1.0	...	-	-	...
2310 Coke oven products	7.9	16.0	...	1.9	9.5	...	0.1	-	...
2320 Refined petroleum products	5569.5	6556.1	...	2956.9	3214.4	...	89.5	-29.7	...
2330 Processing of nuclear fuel	-	-	...	-	-	...	-	-	...
241 Basic chemicals	760.6	1169.2	...	249.0	421.3	...	21.1	24.1	...
2411 Basic chemicals, except fertilizers	580.6	956.5	...	198.9	368.0	...	11.2	22.2	...
2412 Fertilizers and nitrogen compounds	61.3	91.6	...	16.7	23.2	...	-0.2	0.1	...
2413 Plastics in primary forms; synthetic rubber	118.8	121.1	...	33.4	30.1	...	10.2	1.9	...
242 Other chemicals	3110.1	3416.5	...	1204.8	1292.1	...	104.0	93.8	...
2421 Pesticides and other agro-chemical products	42.8	53.1	...	13.2	20.5	...	0.6	1.6	...
2422 Paints, varnishes, printing ink and mastics	400.5	485.4	...	105.8	142.0	...	5.9	20.7	...
2423 Pharmaceuticals, medicinal chemicals, etc.	1178.3	1163.3	...	501.2	489.1	...	27.0	6.1	...
2424 Soap, cleaning & cosmetic preparations	144.2	1302.0	...	463.0	492.5	...	61.0	46.0	...
2429 Other chemical products n.e.c.	344.3	412.7	...	121.6	148.1	...	9.5	19.4	...
2430 Man-made fibres	308.1	332.6	...	79.0	127.5	...	51.3	-108.3	...
251 Rubber products	386.8	422.9	...	144.2	183.2	...	36.7	15.9	...
2511 Rubber tyres and tubes	280.6	296.6	...	110.9	138.3	...	38.5	13.4	...
2519 Other rubber products	106.2	126.4	...	33.3	44.9	...	-1.8	2.4	...
2520 Plastic products	1393.9	1863.2	...	396.6	459.2	...	101.9	95.6	...
2610 Glass and glass products	305.0	336.6	...	109.7	122.1	...	17.4	19.9	...
269 Non-metallic mineral products n.e.c.	1782.1	2331.8	...	741.1	916.5	...	183.6	454.8	...
2691 Pottery, china and earthenware	67.2	69.9	...	33.0	35.4	...	2.3	-2.3	...
2692 Refractory ceramic products	40.4	36.0	...	20.9	17.9	...	0.3	0.5	...
2693 Struct.non-refractory clay; ceramic products	327.6	447.5	...	127.1	163.8	...	33.7	19.2	...
2694 Cement, lime and plaster	1018.0	1281.5	...	450.4	554.8	...	137.2	401.6	...
2695 Articles of concrete, cement and plaster	201.1	330.7	...	58.5	87.1	...	9.4	34.3	...
2696 Cutting, shaping & finishing of stone	21.5	21.5	...	2.3	5.3	...	0.2	0.8	...
2699 Other non-metallic mineral products n.e.c.	117.6	144.5	...	49.0	52.2	...	0.5	0.7	...
2710 Basic iron and steel	749.2	1033.3	...	228.8	487.3	...	21.8	77.4	...
2720 Basic precious and non-ferrous metals	3690.6	3767.8	...	1196.8	1610.9	...	61.2	17.8	...
273 Casting of metals	453.4	549.4	...	77.2	134.8	...	5.3	25.8	...
2731 Casting of iron and steel	139.5	188.0	...	31.8	57.3	...	4.8	11.6	...
2732 Casting of non-ferrous metals	313.9	361.4	...	45.5	77.5	...	0.5	14.2	...
281 Structural metal products;tanks;steam generators	353.7	485.6	...	103.9	120.1	...	16.8	16.9	...
2811 Structural metal products	325.0	451.0	...	93.6	109.4	...	16.1	14.9	...
2812 Tanks, reservoirs and containers of metal	26.6	32.3	...	9.8	10.1	...	0.7	2.0	...
2813 Steam generators	2.1	2.3	...	0.5	0.6	...	-	-	...
289 Other metal products; metal working services	1233.8	1311.7	...	421.4	416.0	...	-	30.9	...
2891 Metal forging/pressing/stamping/roll-forming	34.7	51.1	...	15.5	17.7	...	0.1	0.2	...
2892 Treatment & coating of metals	89.4	40.7	...	15.1	16.5	...	0.1	0.2	...
2893 Cutlery, hand tools and general hardware	1060.3	136.3	...	41.7	42.7	...	0.2	1.8	...
2899 Other fabricated metal products n.e.c.	423.7	1083.5	...	349.2	339.1	...	-0.4	28.8	...
291 General purpose machinery	29.6	461.4	...	172.1	181.3	...	11.2	1.7	...
2911 Engines & turbines(not for transport equip.)	122.1	29.6	...	9.2	6.5	...	0.3	0.3	...
2912 Pumps, compressors, taps and valves	9.1	134.8	...	47.6	58.0	...	5.5	3.4	...
2913 Bearings, gears, gearing & driving elements	1.7	11.7	...	4.5	5.4	...	3.8	0.5	...
2914 Ovens, furnaces and furnace burners	13.6	2.1	...	0.6	0.8	...	-	-	...
2915 Lifting and handling equipment	13.6	19.8	...	6.2	8.9	...	-	-	...
2919 Other general purpose machinery	247.6	270.5	...	104.0	101.6	...	1.6	0.2	...

292 Special purpose machinery	313.7	...	...	...	124.3	...	10.3	1.9
2921 Agricultural and forestry machinery	79.1	...	...	...	27.1	...	0.1	0.7
2922 Machine tools	61.8	...	...	...	28.0	...	3.1	0.1
2923 Machinery for metallurgy	-	...	...	...	-	...	6.3	0.8
2924 Machinery for mining & construction	147.1	...	...	...	59.0	...	-	-
2925 Food/beverage/tobacco processing machinery	2.6	...	...	...	1.1	...	-	-
2926 Machinery for textile, apparel and leather	10.4	...	...	...	4.3	...	0.1	0.2
2927 Weapons and ammunition	7.2	...	...	...	3.1	...	0.7	0.2
2929 Other special purpose machinery	6.8	...	...	...	3.3	...	14.7	-1.5
2930 Domestic appliances n.e.c.	212.0	...	...	...	50.8	...	-	-
3000 Office, accounting and computing machinery	3.5	...	...	...	0.4	...	-	-
3110 Electric motors, generators and transformers	226.9	...	...	...	76.1	...	3.1	4.7
3120 Electricity distribution & control apparatus	191.9	...	...	...	81.3	...	3.2	3.7
3130 Insulated wire and cable	290.6	...	...	...	121.5	...	2.3	-23.9
3140 Accumulators, primary cells and batteries	95.3	...	...	...	36.8	...	14.0	1.7
3150 Lighting equipment and electric lamps	71.9	...	...	...	17.5	...	0.9	1.5
3190 Other electrical equipment n.e.c.	6.9	...	...	...	3.6	...	0.3	0.2
3210 Electronic valves, tubes, etc.	0.4	...	...	...	-	...	-	-
3220 TV/radio transmitters; line comm. apparatus	3.8	...	...	...	0.7	...	-	-
3230 TV and radio receivers and associated goods	39.5	...	...	...	14.5	...	3.2	-1.1
331 Medical, measuring, testing appliances, etc.	57.9	...	...	...	21.6	...	0.6	1.2
3311 Medical, surgical and orthopaedic equipment	19.0	...	...	...	10.0	...	0.1	0.5
3312 Measuring/testing/navigation appliances, etc.	38.9	...	...	...	11.6	...	0.5	0.7
3313 Industrial process control equipment	-	...	...	...	-	...	-	-
3320 Optical instruments & photographic equipment	36.5	...	...	...	12.3	...	0.3	0.4
3330 Watches and clocks	0.4	...	...	...	0.1	...	-	0.1
3410 Motor vehicles	397.9	...	...	...	176.2	...	5.0	1.2
3420 Automobile bodies, trailers & semi-trailers	136.1	...	...	...	33.2	...	-1.2	-17.5
3430 Parts/accessories for automobiles	174.4	...	...	...	79.0	...	6.1	-7.1
351 Building and repairing of ships and boats	227.9	...	...	...	102.7	...	-0.6	29.4
3511 Building and repairing of ships	223.2	...	...	...	102.0	...	-0.6	29.3
3512 Building/repairing of pleasure/sport. boats	4.7	...	...	...	0.7	...	0.1	0.1
3520 Railway/tramway locomotives & rolling stock	-	...	...	...	-	...	-	-
3530 Aircraft and spacecraft	112.0	...	...	...	28.7	...	1.1	3.2
359 Transport equipment n.e.c.	54.3	...	...	...	13.9	...	2.3	2.4
3591 Motorcycles	48.9	...	...	...	12.7	...	-1.3	0.7
3592 Bicycles and invalid carriages	8.8	...	...	...	1.6	...	0.1	-
3599 Other transport equipment n.e.c.	-	...	...	...	-	...	-	-
3610 Furniture	454.3	...	...	...	147.8	...	9.7	7.8
369 Manufacturing n.e.c.	538.1	...	...	...	162.7	...	13.6	13.3
3691 Jewellery and related articles	149.2	...	...	...	51.4	...	0.7	4.9
3692 Musical instruments	0.4	...	...	...	0.2	...	-	-
3693 Sports goods	0.4	...	...	...	0.3	...	-	-
3694 Games and toys	23.1	...	...	...	9.2	...	-	0.6
3699 Other manufacturing n.e.c.	366.0	...	...	...	102.9	...	12.8	7.8
3710 Recycling of metal waste and scrap	-	...	...	...	-	...	-	-
3720 Recycling of non-metal waste and scrap	0.9	0.3	...	-	-
D Total manufacturing	44307.7	19027.2	...	1498.9	1372.7

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ISIC Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
15	Food and beverages	119	99	100	97	101	101	121	120	121	125	119	135		
16	Tobacco products	96	91	100	104	95	95	105	113	125	112	116	134		
17	Textiles	122	112	100	97	90	86	120	134	146	159	155	170		
18	Wearing apparel, fur	135	102	100	112	104	105	147	158	156	162	147	131		
19	Leather, leather products and footwear	146	98	100	132	112	121	113	137	137	128	115	97		
20	Wood products (excl. furniture)	206	106	100	125	102	125	150	165	206	199	201	185		
21	Paper and paper products	161	87	100	76	46	49	96	113	121	129	141	168		
22	Printing and publishing	162	91	100	101	111	108	188	267	261	252	253	226		
23	Coke, refined petroleum products, nuclear fuel	122	103	100	102	103	107	111	111	112	120	120	113		
24	Chemicals and chemical products	152	97	100	109	114	122	143	149	157	183	167	168		
25	Rubber and plastics products	183	116	100	117	121	166	216	232	272	274	300	318		
26	Non-metallic mineral products	115	98	100	103	99	123	154	185	200	220	227	200		
27	Basic metals	155	115	100	112	113	126	171	180	195	208	218	219		
28	Fabricated metal products	192	105	100	108	99	133	158	208	207	233	231	216		
29	Machinery and equipment n.e.c.	135	81	100	114	98	80	110	143	132	125	115	74		
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	143	93	100	103	84	75	75	117	110	115	105	94		
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	151	86	100	112	83	68	118	118	72	74	87	51		
35	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture, manufacturing n.e.c.	155	94	100	110	121	124	183	204	229	245	213	183		
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	127	102	100	107	103	107	125	132	134	141	136	142		

Note

PHILIPPINES

<p>Supplier of information: National Statistics Office, Manila.</p> <p>Basic source of data: Annual survey of establishments.</p> <p>Major deviations from ISIC (Revision 3): 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>Reference period (if not calendar year):</p> <p>Scope: Establishments with 10 or more persons engaged.</p> <p>Method of enumeration: Establishments with 200 or more persons engaged are completely enumerated, and those with less than 200 persons engaged are sampled.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <u>Wages and salaries</u> includes overtime payment and other benefits.</p> <p>Related national publications:</p>
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Philippines

ISIC Industry	Number of establishments (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (million PESOS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
ISIC Industry															
151 Processed meat, fish, fruit, vegetables, fats		458	519	568	...		61.6	61.4	72.3	...		4574	4833	5933	...
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	70	...		9.0	8.3	8.3	...		1712	1792	2459	...
153 Grain mill products; starches; animal feeds		137	142	141	...		9.1	9.3	10.1	...		860	905	971	...
1531 Grain mill products	
1532 Starches and starch products	
1533 Prepared animal feeds	
154 Other food products		1649	1731	1803	...		35.5	37.7	42.2	...		1566	1654	2413	...
1541 Bakery products		42	43	43	...		23.9	21.4	19.9	...		2088	2021	1965	...
1542 Sugar	
1543 Cocoa, chocolate and sugar confectionery	
1544 Macaroni, noodles & similar products	
1549 Other food products n.e.c.		1016a/	1220a/	1296a/	...		42.9a/	46.8a/	52.0a/	...		3449a/	3975a/	5002a/	...
155 Beverages		121	124	129	...		28.7	29.5	30.3	...		3766	4266	4296	...
1551 Distilling, rectifying & blending of spirits	
1552 Wines	
1553 Malt liquors and malt	
1554 Soft drinks; mineral waters	
1600 Tobacco products		19	18	21	...		11.6	11.2	7.6	...		1015	995	547	...
171 Spinning, weaving and finishing of textiles		178	177	183	...		25.1	25.2	23.4	...		1760	1826	1807	...
1711 Textile fibre preparation; textile weaving	
1712 Finishing of textiles	
172 Other textiles		378b/	406b/	403b/	...		28.2b/	29.2b/	29.9b/	...		1674b/	2014b/	2058b/	...
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		1892c/	2003c/	2025c/	...		154.4c/	154.0c/	157.0c/	...		8468c/	9200c/	10034c/	...
1820 Dressing & dyeing of fur; processing of fur	
191 Tanning, dressing and processing of leather		527d/	559d/	595d/	...		35.6d/	39.1d/	42.3d/	...		1693d/	2037d/	2305d/	...
1911 Tanning and dressing of leather	
1912 Luggage, handbags, etc.; saddlery & harness	
1920 Footwear	
2010 Sawmilling and planing of wood		491e/	574e/	584e/	...		26.2e/	26.9e/	23.7e/	...		1328e/	1374e/	1195e/	...
2021 Products of wood, cork, straw, etc.	
2022 Veneer sheets, plywood, particle board, etc.	
2023 Builders' carpentry and joinery	
2029 Other wood products; articles of cork/straw	
210 Paper and paper products		284	288	335	...		21.9	22.2	23.4	...		2135	2191	2388	...
2101 Pulp, paper and paperboard	
2102 Corrugated paper and paperboard	
2109 Other articles of paper and paperboard	
221 Publishing of books and other publications		91	91	111	...		6.0	6.2	8.8	...		835	949	2348	...
2211 Publishing of newspapers, journals, etc.	
2212 Publishing of newspapers, journals, etc.	
2213 Publishing of recorded media	
2219 Other publishing	

222 Printing and related service activities	802f/	820f/	877f/	22. 1f/	23. 5f/	21. 5f/	1474f/	1559f/	1413f/
2221 Printing	...	...	...	...	...	...	...	...	...
2222 Service activities related to printing	...	...	...	...	...	...	...	...	...
2230 Reproduction of recorded media	...f/	...f/	...f/	...f/	...f/	...f/	...f/	...f/	...f/
2310 Coke oven products	15	15	12	0.8	1.0	0.8	62	81	51
2320 Refined petroleum products	5	5	5	2.2	2.1	1.9	1021	1061	995
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...
241 Basic chemicals	279	321	375	15.3	17.3	15.7	1739	2008	1717
2411 Basic chemicals, except fertilizers	...	...	...	...	...	...	...	...	...
2412 Fertilizers and nitrogen compounds	...	...	...	...	...	...	...	...	...
2413 Plastics in primary forms; synthetic rubber	...	...	...	...	...	...	...	...	...
242 Other chemicals	366g/	393g/	397g/	39.6g/	39.4g/	40.0g/	7328g/	7862g/	7852g/
2421 Pesticides and other agro-chemical products	...	...	...	...	...	...	...	...	...
2422 Paints, varnishes, printing ink and dastics	...	...	...	...	...	...	...	...	...
2423 Pharmaceuticals, medicinal chemicals, etc.	...	...	...	...	...	...	...	...	...
2424 Soap, cleaning & cosmetic preparations	...	...	...	...	...	...	...	...	...
2429 Other chemical products n.e.c.	...g/	...g/	...g/	...g/	...g/	...g/	...g/	...g/	...g/
2430 Man-made fibres	...	...	...	...	...	...	...	...	...
251 Rubber products	145	146	136	9.0	9.7	10.0	801	904	990
2511 Rubber tyres and tubes	...	...	...	...	...	...	...	...	...
2519 Other rubber products	444	457	490	31.9	33.2	32.0	2394	2737	2758
2610 Glass and glass products	64	65	66	6.0	6.2	6.1	770	793	898
269 Non-metallic mineral products n.e.c.	586	685	721	38.4	40.2	41.2	3041	3311	3594
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	447	29.8	30.1	30.6	2801	2960	3382
2720 Basic precious and non-ferrous metals	26	26	35	3.7	3.9	4.6	487	537	584
273 Casting of metals	48	48	58	3.1	3.4	3.9	218	241	279
2731 Casting of iron and steel	...	...	...	...	...	...	...	...	...
2732 Casting of non-ferrous metals	...	...	...	...	...	...	...	...	...
281 Struct.met.al products;tanks;steam generators	764h/	895h/	957h/	34.3h/	36.4h/	39.9h/	2506h/	2918h/	3065h/
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/	...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/	861i/	30.5i/	32.0i/	36.8i/	2145i/	2403i/	3008i/
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	...i/	...i/	...i/	...i/	...i/	...i/	...i/	...i/	...i/
292 Special purpose machinery	...	...	...	...	...	...	...	...	...
2921 Agricultural and forestry machinery	...	...	...	...	...	...	...	...	...
2922 Machine tools	...	...	...	...	...	...	...	...	...
2923 Machinery for metalurgy	...	...	...	...	...	...	...	...	...
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	...i/	...i/	...i/	...i/	...i/	...i/	...i/	...i/	...i/
2930 Domestic appliances n.e.c.	...	...	...	...	...	...	...	...	...

continued

Philippines

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees					
	(numbers)				(thousands)				(million PESOS)					
	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry														
3000 Office, accounting and computing machinery	29	30	27	...		12.1	14.4	22.8	...		1045	1395	2161	...
3110 Electric motors, generators and transformers	71j/	69j/	83j/	...		14.5j/	14.4j/	12.7j/	...		1356j/	1457j/	1370j/	...
3120 Electricity distribution & control apparatus	...	...	...	...		...	...	...	...		...	...	...	...
3130 Insulated wire and cable	25	25	31	...		7.0	8.0	9.3	...		650	791	788	...
3140 Accumulators, primary cells and batteries	100k/	102k/	99k/	...		27.2k/	27.8k/	25.1k/	...		2533k/	2919k/	2671k/	...
3150 Lighting equipment and electric lamps	...	...	...	...		...	...	...	...		...	...	...	...
3190 Other electrical equipment n.e.c.	...	...	...	...		...	...	...	...		...	...	...	...
3210 Electronic valves, tubes, etc.	133m/	133m/	178m/	...		76.8m/	85.0m/	107.6m/	...		6951m/	8563m/	11886m/	...
3220 TV/radio transmitters; line comm. apparatus	...	...	...	...		...	...	...	...		...	...	...	...
3230 TV and radio receivers and associated goods	42	42	55	...		11.5	13.1	17.8	...		1150	1411	1817	...
331 Medical, measuring, testing appliances, etc.	64n/	65n/	80n/	...		29.5n/	34.1n/	36.2n/	...		2430n/	2715n/	3049n/	...
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	246p/	249p/	245p/	...		24.5p/	26.2p/	20.2p/	...		2382p/	2829p/	2240p/	...
3420 Automobile bodies, trailers & semi-trailers	...	...	...	...		...	...	...	...		...	...	...	...
3430 Parts/accessories for automobiles	...	...	...	...		...	...	...	...		...	...	...	...
351 Building and repairing of ships and boats	94q/	102q/	119q/	...		9.8q/	9.2q/	11.1q/	...		769q/	952q/	1217q/	...
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	568	659	689	...		28.3	32.0	35.2	...		1406	1689	2129	...
369 Manufacturing n.e.c.	314	318	309	...		24.4	25.9	20.0	...		1667	1751	1472	...
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/	17r/	...		0.2r/	0.2r/	0.6r/	...		10r/	11r/	34r/	...
3720 Recycling of non-metal waste and scrap	...	...	...	...		...	...	...	...		...	...	...	...
D Total manufacturing	13526	14734	15678	...		1052.2	1097.1	1145.2	...		86058	95891	107140	...

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 Industry	Output in producers' prices (million PESOS)				Value added in producers' prices (million PESOS)				Gross fixed capital formation (million PESOS)					
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999				
		1996	1997	1998	1999		1996	1997	1998	1999				
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998
151 Processed meat, fish, fruit, vegetables, fats		8969	100292	136820	...		30727	39692	62442	...		2632	...	2048
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		25833	27539	34435	...		9250	10824	14959	...		566	...	540
153 Grain mill products		31454	34280	28791	...		6345	7355	8125	...		605	...	562
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...	...
1533 Prepared animal feeds		...	...	...	...		...	...	...	...		...	...	...
154 Other food products		13517	14073	19500	...		5885	5265	7011	...		897	...	765
1541 Bakery products		22017	24392	25209	...		7878	8695	8870	...		930	...	1208
1542 Sugar		...	...	...	...		...	...	...	...		...	...	...
1543 Cocoa, chocolate and sugar confectionery		...	...	...	...		...	...	...	...		...	...	...
1544 Macaroni, noodles & similar products		...	...	...	...		...	...	...	...		...	...	...
1549 Other food products n.e.c.		60043a/	63040a/	110203a/	...		30055a/	31770a/	62000a/	...		5148	...	2374
155 Beverages		57336	64465	76744	...		32568	36376	47173	...		4322	...	3249
1551 Distilling, rectifying & blending of spirits		...	...	...	...		...	...	...	...		...	...	...
1552 Wines		...	...	...	...		...	...	...	...		...	...	...
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...	...
1554 Soft drinks; mineral waters		...	...	...	...		...	...	...	...		...	...	...
1600 Tobacco products		31501	30999	32300	...		21202	21531	22539	...		477	...	486
171 Spinning, weaving and finishing of textiles		17052	18047	18169	...		6261	6211	6078	...		1333	...	489
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...		...	...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...		...	...	...
172 Other textiles		10890b/	13729b/	13121b/	...		5663b/	5638b/	5514b/	...		587	...	194
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		53984c/	50855c/	56127c/	...		19919c/	22688c/	28499c/	...		873	...	892
1820 Dressing & dyeing of fur; processing of fur		...	...	...	...		...	...	...	...		...	...	...
191 Tanning, dressing and processing of leather		7847d/	9793d/	13316d/	...		3179d/	3860d/	5338d/	...		378	...	312
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...		...	...	...
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...		...	...	...
1920 Footwear		...	...	...	...		...	...	...	...		...	...	...
2010 Sawmilling and planing of wood		13329e/	15391e/	12180e/	...		4522e/	5134e/	4954e/	...		429	...	1983
2020 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		28983	28565	35210	...		11432	11243	12093	...		4105	...	2719
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...		...	...	...
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...		...	...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...		...	...	...
221 Publishing		6435	6834	14257	...		2241	2972	6842	...		655	...	1414
2211 Publishing of books and other publications		...	...	...	...		...	...	...	...		...	...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...		...	...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...		...	...	...
2219 Other publishing		...	...	...	...		...	...	...	...		...	...	...

continued

Philippines

ISIC Industry	Output in producers' prices (million PESOS)				Value added in producers' prices (million PESOS)				Gross fixed capital formation (million PESOS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
222 Printing and related service activities		8199f/	9076f/	8408f/	...		3796f/	4410f/	3946f/	...
2221 Printing		...	...	...	...		...	...	...	...
2222 Service activities related to printing		...	...	...	...		...	...	...	...
2230 Reproduction of recorded media		...f/	...f/	...f/	...		...f/	...f/	...f/	...
2310 Coke oven products		1831	3590	345	...		248	627	102	...
2320 Refined petroleum products		145772	161768	168295	...		69291	68153	52851	...
2330 Processing of nuclear fuel		...	...	...	...		...	...	...	...
241 Basic chemicals		25071	28160	25725	...		8714	10100	8930	...
2411 Basic chemicals, except fertilizers		...	...	...	...		...	...	...	...
2412 Fertilizers and nitrogen compounds		...	...	...	...		...	...	...	...
2413 Plastics in primary forms; synthetic rubber		...	...	...	...		...	...	...	...
242 Other chemicals		91298g/	97274g/	118002g/	...		44190g/	48281g/	56982g/	...
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.		...g/	...g/	...g/	...		...g/	...g/	...g/	...
2430 Man-made fibres		...	...	...	...		...	...	...	...
251 Rubber products		8443	8166	8208	...		3364	2878	3214	...
2511 Rubber tyres and tubes		...	...	...	...		...	...	...	...
2519 Other rubber products		...	...	...	...		...	...	...	...
2520 Plastic products		24600	27053	31419	...		9856	11757	10598	...
2610 Glass and glass products		7209	6990	7224	...		4923	4352	3722	...
2691 Non-metallic mineral products n.e.c.		35318	41602	46046	...		18935	20977	22386	...
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	61034	...		15059	15970	15785	...
2720 Basic precious and non-ferrous metals		19914	21423	22609	...		4028	4849	4010	...
273 Casting of metals		2158	2615	2561	...		1098	1312	1526	...
2731 Casting of iron and steel		...	...	...	...		...	...	...	...
2732 Casting of non-ferrous metals		...	...	...	...		...	...	...	...
281 Struct.metal products;tanks;steam generators		18150h/	21286h/	26983h/	...		6936h/	8838h/	9728h/	...
2811 Structural metal products		...	...	...	...		...	...	...	...
2812 Tanks, reservoirs and containers of metal		...	...	...	...		...	...	...	...
2813 Steam generators		...h/	...h/	...h/	...		...h/	...h/	...h/	...
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		13666i/	16567i/	24379i/	...		6200i/	7168i/	9591i/	...
2911 Engines & turbines(not for transport equip.)		...	...	...	...		...	...	...	...
2912 Pumps, compressors, fans 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	...	...	...	...	...	...	...

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.
 l/ 3210 includes 3220.
 m/ 331 includes 3320 and 3330.
 n/ 3410 includes 3420 and 3430.
 o/ 351 includes 3520, 3530 and 359.
 p/ 3710 includes 3720.

POLAND

<p>Supplier of information: Central Statistical Office of Poland, Warsaw. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>Basic source of data: Annual statistical reports.</p> <p>Major deviations from ISIC (Revision 3): Data presented in accordance with ISIC (Rev. 3), were originally classified according to the NACE (Revision 1) at a 2-digit level.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Data cover all economic units.</p> <p>Method of enumeration: Data are compiled according to the enterprise and self-financing establishment method.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <u>Number of establishments</u> is as of 31 December of the reference year. <u>Number of employees</u> includes part-time employees expressed in terms of full-time equivalents. <u>Gross fixed capital formation</u> includes outlays on productive and non-productive investment, outlays on capital repairs are excluded. The value of sales of fixed assets is not deducted.</p> <p>Related national publications: Rocznik Statystyczny Przemysłu (Statistical Yearbook of Industry); Rocznik Statystyczny (Statistical Yearbook); Concise Statistical Yearbook of Poland; Zatrudnienie w gospodarce narodowej (Employment in National Economy); Zatrudnienie i wynagrodzenia w gospodarce narodowej (Employment and Earnings in National Economy), all published by the Central Statistical Office of Poland, Warsaw.</p>
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222	Printing and related service activities	16469	f/		17688	f/	23	23	21	462	573	790
2221	Printing	10514	f/		12569							
2222	Service activities related to printing	4135	f/		5119							
2230	Reproduction of recorded media	322	f/		330							
2310	Coke oven products	9	g/	10	22	g/	21	22	521	573	790	
2320	Refined petroleum products	82	g/	80		g/						
2330	Processing of nuclear fuel	-	g/	-		g/						
241	Basic chemicals	812	h/	140	137	h/	131	122	1943	2683	3331	
2411	Basic chemicals, except fertilizers	537		599								
2412	Fertilizers and nitrogen compounds	130		132								
2413	Plastics in primary forms; synthetic rubber	146		147								
242	Other chemicals	2932	h/	3021								
2421	Pesticides and other agro-chemical products	69		72								
2422	Paints, varnishes, printing ink and dyes	587		600								
2423	Pharmaceuticals, medicinal chemicals, etc.	331		336								
2424	Soap, cleaning & cosmetic preparations	1332		1389								
2429	Other chemical products n.e.c.	613	h/	624								
2430	Man-made fibres	20	h/	23								
251	Rubber products	1362	i/	1361	95	i/	104	110	996	1299	1557	2175
2511	Rubber tyres and tubes	373		340								
2519	Other rubber products	989		1008								
2520	Plastic products	11750	i/	12932								
2610	Glass and glass products	2768	j/	2846	165	j/	168	166	1642	2066	2392	3110
269	Non-metallic mineral products n.e.c.	17998	j/	18934								
2691	Pottery, china and earthenware	1054		1098								
2692	Refractory ceramic products	118		126								
2693	Struct. non-refractory clay: ceramic products	1305		1263								
2694	Cement, lime and plaster	166		164								
2695	Articles of concrete, cement and plaster	10847		11371								
2696	Cutting, shaping & finishing of stone	4082		4461								
2699	Other non-metallic mineral products n.e.c.	426		451								
2710	Basic iron and steel	258	k/	267	154	k/	145	136	2092	2382	2522	3001
2720	Basic precious and non-ferrous metals	101	k/	112		k/						
273	Casting of metals	576	k/	586		k/						
2731	Casting of iron and steel	250		259								
2732	Casting of non-ferrous metals	326		327								
281	Struct. metal products; tanks; steam generators	8040	m/	8571	173	m/	177	192	1655	2091	2567	3301
2811	Structural metal products	5932		6398								
2812	Tanks, reservoirs and containers of metal	1102		1163								
2813	Steam generators	1006		1010								
289	Other metal products; metal working services	31064	m/	34391								
2891	Metal forging/pressing/stamping/roll-forming	256		305								
2892	Treatment & coating of metals	12591		15422								
2893	Cutlery, hand tools and general hardware	3040		3057								
2899	Other fabricated metal products n.e.c.	15177		15597								
291	General purpose machinery	7776	n/	8934	286	n/	277	266	2994	3551	3932	4853
2911	Engines & turbines (not for transport equip.)	229		271								
2912	Pumps, compressors, taps and valves	870		915								
2913	Bearings, gears, gearing & driving elements	207		227								
2914	Ovens, furnaces and furnace burners	246		275								
2915	Lifting and handling equipment	1483		1636								
2919	Other general purpose machinery	4741		5207								
292	Special purpose machinery	9153	n/	10143		n/						
2921	Agricultural and forestry machinery	3485		3681								
2922	Machine tools	1145		1280								
2923	Machinery for metallurgy	121		138								
2924	Machinery for mining & construction	1014		1179								
2925	Food/beverage/tobacco processing machinery	981		1110								
2926	Machinery for textile, apparel and leather	742		808								
2927	Weapons and ammunition	87		94								
2929	Other special purpose machinery	1578		1857								
2930	Domestic appliances n.e.c.	941	n/	916		n/						

continued

Poland

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees				
	Note	(numbers)			Note	(thousands)			Note	(million NEW ZLOTYS)			
		1996	1997	1998		1999	1996	1997		1998	1999		
ISIC Industry													
3000 Office, accounting and computing machinery		1019	1300	1414		4	5	5	5	49	77	94	172
3110 Electric motors, generators and transformers		1951	2094	2123	p/	91	97	96	94	1023	1311	1542	2064
3120 Electricity distribution & control apparatus		885	988	1048	p/								
3130 Insulated wire and cable		176	173	185	p/								
3140 Accumulators, primary cells and batteries		1246	1288	1288	p/								
3150 Lighting equipment and electric lamps		2487	2551	2584	p/								
3190 Other electrical equipment n.e.c.													
3210 Electronic valves, tubes, etc.		937	942	923	q/	42	41	38	35	480	586	663	865
3220 TV/radio transmitters; line comm. apparatus		2696	2868	2848	q/								
3230 TV and radio receivers and associated goods		2210	2179	2165	q/								
331 Medical, measuring, testing appliances, etc.		10818	11058	12664	r/	42	41	41	40	473	577	661	876
3311 Medical, surgical and orthopaedic equipment		7170	7870	8430									
3312 Measuring/testing/navigating appliances, etc.		2019	2209	2282									
3313 Industrial process control equipment		1629	1879	1952									
3320 Optical instruments & photographic equipment		1581	1594	1599	r/								
3330 Watches and clocks		210	206	193	r/								
3410 Motor vehicles		117	122	132	s/	101	105	108	100	1159	1506	1768	2278
3420 Automobile bodies, trailers & semi-trailers		238	261	285	s/								
3430 Parts/accessories for automobiles		1945	2006	2044	s/								
351 Building and repairing of ships and boats		3281	3937	4299	t/	108	99	91	85	1207	1372	1500	1956
3511 Building and repairing of ships		2843	3438	3717									
3512 Building/repairing of pleasure/sport. boats		438	499	582									
3520 Railway/tramway locomotives & rolling stock		145	163	178	t/								
3530 Aircraft and spacecraft		57	65	72	t/								
359 Transport equipment n.e.c.		349	344	349	t/								
3591 Motorcycles		32	33	34									
3592 Bicycles and invalid carriages		172	172	176									
3598 Other transport equipment n.e.c.		142	139	139									
3610 Furniture		20366	21742	22838	u/	157	167	175	165	1130	1592	1874	2464
369 Manufacturing n.e.c.		17023	18038	18531	u/								
3691 Jewellery and related articles		4345	4460	4623									
3692 Musical instruments		717	719	719									
3693 Sports goods		569	592	594									
3694 Games and toys		1642	1660	1665									
3699 Other manufacturing n.e.c.		9750	10577	10900									
3710 Recycling of metal waste and scrap		367	390	405	v/	6	7	8	7	81v/	107v/	129v/	
3720 Recycling of non-metal waste and scrap		495	575	667	v/								
D Total manufacturing		338751	355814	367500		2799	2816	2797	2609	27970	34291	39075	51651

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.

s/ 3410 includes 3420 and 3430.

t/ 351 includes 3520, 3530 and 359.

u/ 3610 includes 369.

v/ 3710 includes 3720.

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

o/ 3210 includes 3220 and 3230.

p/ 331 includes 3320 and 3330.

Poland

ISIC Industry	Output (million NEW ZLOTYS)				Value added (million NEW ZLOTYS)				Gross fixed capital formation (million NEW ZLOTYS)				
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999			
		1996	1997	1998	1999		1996	1997	1998	1999			
151 Processed meat, fish, fruit, vegetables, fats	a/	60539	73216	81799	82448	a/	12658	16099	17496	19382	a/	4617	5340
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													
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/					a/		
1551 Distilling, rectifying & blending of spirits													
1552 Wines													
1553 Malt liquors and malt													
1554 Soft drinks; mineral waters													
1600 Tobacco products		2281	3141	3896	3963		596	1177	1494	1347		334	509
171 Spinning, weaving and finishing of textiles	b/	7538	8585	8954	9214	b/	2735	3027	3054	3759	b/	738	465
1711 Textile fibre preparation; textile weaving													
1712 Finishing of textiles	b/					b/					b/		
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	b/					b/					b/		
1810 Wearing apparel, except fur apparel	c/	7706	9248	10677	9705	c/	3597	4187	5162	4492	c/	309	409
1820 Dressing & dyeing of fur; processing of fur	c/					c/					c/		
191 Tanning, dressing and processing of leather	d/	3422	3883	3473	3871	d/	1274	1365	1202	1708	d/	101	95
1911 Tanning and dressing of leather													
1912 Luggage, handbags, etc.; saddlery & harness													
1920 Footwear	d/					d/					d/		
2010 Sawmilling and planing of wood	e/	8904	10715	12300	13906	e/	2996	3571	4016	4514	e/	1850	1074
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		5717	6834	7723	8683		1504	1712	1977	2239		1010	982
2101 Pulp, paper and paperboard													
2102 Corrugated paper and paperboard													
2109 Other articles of paper and paperboard													
221 Publishing of books and other publications	f/	8655	10709	13132	15508	f/	3768	4327	5165	6110	f/	827	952
2211 Publishing of newspapers, journals, etc.													
2212 Publishing of newspapers, journals, etc.													
2213 Publishing of recorded media													
2219 Other publishing													

continued

Poland

ISIC Industry	Output (million NEW ZLOTYS)				Value added (million NEW ZLOTYS)				Gross fixed capital formation (million NEW ZLOTYS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Revision 3										
222 Printing and related service activities	f/	...	...	...	...	f/	...	...	...	...
2221 Printing	f/	...	...	...	...	f/	...	...	...	...
2222 Service activities related to printing		...	...	...	...		...	...	...	...
2230 Reproduction of recorded media		...	...	...	...		...	...	...	...
2310 Coke oven products	g/	11462	14030	13361	17463	g/	1373	2321	2818	2530
2320 Refined petroleum products	g/	...	...	...	...	g/	...	...	...	2136
2330 Processing of nuclear fuel	g/	...	...	...	...	g/	...	...	...	...
241 Basic chemicals	h/	19465	23598	24962	26143	h/	6161	7140	7754	8171
2411 Basic chemicals, except fertilizers		...	...	...	...		...	...	...	...
2412 Fertilizers and nitrogen compounds		...	...	...	...		...	...	...	...
2413 Plastics in primary forms; synthetic rubber		...	...	...	...		...	...	...	...
242 Other chemicals	h/	...	...	...	...	h/	...	...	...	...
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.	h/	...	...	...	...	h/	...	...	...	...
2430 Man-made fibres		...	...	...	...		...	...	...	...
251 Rubber products	i/	9975	12489	14939	17291	i/	3431	4288	5090	5841
2511 Rubber tyres and tubes		...	...	...	...		...	...	...	...
2519 Other rubber products		...	...	...	...		...	...	...	...
2520 Plastic products	i/	...	...	...	...	i/	...	...	...	...
2610 Glass and glass products	j/	11819	14599	17407	20168	j/	4661	5762	6767	7337
269 Non-metallic mineral products n.e.c.	j/	...	...	...	...	j/	...	...	...	...
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	k/	17213	21175	21283	20060	k/	4047	5145	5337	5019
2720 Basic precious and non-ferrous metals	k/	...	...	...	...	k/	...	...	...	...
273 Casting of metals	k/	...	...	...	...	k/	...	...	...	...
2731 Casting of iron and steel		...	...	...	...		...	...	...	...
2732 Casting of non-ferrous metals		...	...	...	...		...	...	...	...
281 Struct. metal products; tanks; steam generators	m/	13051	15749	19456	20620	m/	5244	6181	7468	7749
2811 Structural metal products		...	...	...	...		...	...	...	...
2812 Tanks, reservoirs and containers of metal		...	...	...	...		...	...	...	...
2813 Steam generators		...	...	...	...		...	...	...	...
289 Other metal products; metal working services	m/	...	...	...	...	m/	...	...	...	...
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	n/	17673	20412	21932	21747	n/	6753	7769	8301	8612
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		...	...	...	...		...	...	...	...

Poland

ISIC Revision 3		Index numbers of industrial production												
		(1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
ISIC Industry	Note	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
15 Food and beverages		163	146	100	97	109	118	133	146	160	172	185	188	
16 Tobacco products		92	106	100	95	101	117	129	128	122	131	139	130	
17 Textiles		162	168	100	81	79	86	99	98	101	107	104	99	
18 Wearing apparel, fur		151	146	100	89	99	107	119	121	127	166	181	178	
19 Leather, leather products and footwear		162	151	100	82	70	69	77	84	94	111	93	88	
20 Wood products (excl. furniture)		135	136	100	164	204	212	234	258	291	330	368	425	
21 Paper and paper products		135	131	100	97	106	113	141	167	183	233	254	291	
22 Printing and publishing		130	134	100	87	91	126	134	158	180	240	287	348	
23 Coke, refined petroleum products, nuclear fuel		142	132	100	86	100	112	120	127	130	126	110	110	
24 Chemicals and chemical products		149	141	100	110	97	103	121	137	144	159	154	153	
25 Rubber and plastics products		121	128	100	125	140	168	195	228	267	344	405	474	
26 Non-metallic mineral products		138	138	100	91	101	111	128	134	147	169	189	213	
27 Basic metals		131	121	100	76	73	75	87	101	101	114	108	98	
28 Fabricated metal products		140	144	100	86	92	98	113	131	158	190	233	262	
29 Machinery and equipment n.e.c.		129	128	100	76	68	75	86	104	114	125	125	120	
30 Office, accounting and computing machinery		...	...	...	...	...	...	...	...	...	...	...	...
31 Electrical machinery and apparatus		...	...	100	81	68	76	83	96	108	135	149	170
32 Radio, television and communication equipment		...	...	100	77	70	89	112	132	157	211	255	270
33 Medical, precision and optical instruments		128	126	100	82	82	95	106	134	153	218	222	233	
34 Motor vehicles, trailers, semi-trailers		...	...	100	65	84	107	122	139	186	257	304	356
35 Other transport equipment		...	...	100	60	64	71	87	90	86	95	103	104
36 Furniture; manufacturing n.e.c.		146	149	100	98	104	115	132	164	187	243	271	303	
37 Recycling		...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing		139	135	100	90	94	104	118	132	147	167	178	188	

PORTUGAL

<p>Supplier of information: Instituto Nacional de Estatística, Lisboa. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>Basic source of data: Annual business statistics.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: All enterprises.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <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>Related national publications: Industrial Statistics (Volume I and Volume II), published by the Instituto Nacional de Estatística, Lisboa.</p>
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Portugal

ISIC Industry	Number of enterprises (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million ESCUDOS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		1484	1441	1272	...		30916	28726	28294	...		40272	39328	41097	...
1511 Processing/preserving of meat		511	471	420	...		15351	15494	15387	...		18222	18625	20408	...
1512 Processing/preserving of fish		134	135	111	...		6554	5519	5875	...		7140	6197	7358	...
1513 Processing/preserving of fruit & vegetables		178	154	149	...		3219	3358	4372	...		8840	8053	8763	...
1514 Vegetable and animal oils and fats		661	681	592	...		3792	3355	2660	...		6070	6253	4567	...
1520 Dairy products		318	310	304	...		9840	9720	8217	...		16496	17562	14923	...
153 Grain mill products; starches; animal feeds		729	760	570	...		7912	7505	7326	...		13434	13378	13249	...
1531 Grain mill products		...	...	...	...		...	...	...	...		...	...	...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...		...	...	...	...
1533 Prepared animal feeds		116	114	109	...		4765	4624	4454	...		8519	8643	8327	...
154 Other food products		6712	7240	5079	...		49366	52415	46387	...		49601	52277	51544	...
1541 Bakery products		6333	6916	4772	...		42148	45292	39488	...		34868	37042	35747	...
1542 Sugar		5	5	6	...		963	1128	1015	...		2173	2537	2638	...
1543 Cocoa, chocolate and sugar confectionery		144	147	111	...		2162	1976	1762	...		2748	2482	2247	...
1544 Macaroni, noodles & similar products		12	8	5	...		205	198	180	...		365	382	355	...
1549 Other food products n.e.c.		218	164	185	...		3897	3821	3942	...		9447	9634	10356	...
155 Beverages		459	449	452	...		15366	15368	14822	...		28809	31438	30736	...
1551 Distilling, rectifying & blending of spirits		101	84	111	...		4800	470	502	...		520	516	630	...
1552 Wines		...	...	...	...		...	...	...	...		...	...	...	...
1553 Malt liquors and malt		...	...	...	...		...	...	...	...		...	...	...	...
1554 Soft drinks; mineral waters		57	60	50	...		3665	3859	3693	...		6650	7554	7581	...
1600 Tobacco products		4	4	4	...		1227	1199	1277	...		2847	2980	4168	...
171 Spinning, weaving and finishing of textiles		945	863	824	...		58565	50069	49977	...		61829	61829	66348	...
1711 Textile fibre preparation; textile weaving		529	489	391	...		48027	40663	39155	...		56911	49506	51920	...
1712 Finishing of textiles		334	334	335	...		10538	10096	10822	...		12323	12323	14428	...
172 Other textiles		2429	2359	2060	...		30246	30660	29264	...		30027	31597	34487	...
1721 Made-up textile articles, except apparel		937	792	777	...		1937	1815	9950	...		11140	8347	10925	...
1722 Carpets and rugs		270	313	204	...		2617	2532	2469	...		2458	2675	2734	...
1723 Cordage, rope, twine and netting		70	56	47	...		5698	5386	5307	...		6761	6813	6955	...
1729 Other textiles n.e.c.		1152	1198	1032	...		10394	14557	11538	...		13762	13762	13873	...
1730 Knitted and crocheted fabrics and articles		1575	1627	1379	...		31147	31270	28758	...		30547	31984	31446	...
1810 Wearing apparel, except fur apparel		11891	12306	9861	...		153633	148483	139494	...		134947	134188	136120	...
1820 Dressing & dyeing of fur; processing of fur		61	52	43	...		475	531	424	...		592	687	518	...
191 Tanning, dressing and processing of leather		846	809	806	...		7611	7189	6773	...		8744	8677	8710	...
1911 Tanning and dressing of leather		166	171	174	...		3715	3571	3615	...		5550	5556	5839	...
1912 Luggage, handbags, etc.; saddlery & harness		680	638	632	...		3898	3618	3158	...		3194	3121	2871	...
1920 Footwear		3165	2800	2558	...		73198	71039	65817	...		67148	70342	69935	...
2010 Sawmilling and planing of wood		1359	1175	1176	...		14080	12849	13261	...		11821	11674	12685	...
202 Products of wood, cork, straw, etc.		8281	8360	7101	...		40593	40883	38619	...		42109	49420	44712	...
2021 Veneer sheets, plywood, particle board, etc.		56	34	37	...		2847	2647	3073	...		5075	5113	5482	...
2022 Builders' carpentry and joinery		5470	5508	4748	...		16525	16509	16689	...		141084	14113	15207	...
2023 Wooden containers		231	195	188	...		1039	852	775	...		857	716	716	...
2029 Other wood products; articles of cork/straw		2524	2623	2128	...		20182	20875	18082	...		23093	25481	23308	...
210 Paper and paper products		486	476	421	...		15217	15341	14672	...		30518	32873	33382	...
2101 Pulp, paper and paperboard		85	73	63	...		6691	6050	5800	...		17978	18316	18661	...
2102 Corrugated paper and paperboard		264	285	254	...		5796	6093	5833	...		8390	9206	9194	...
2109 Other articles of paper and paperboard		137	118	104	...		2730	3198	3039	...		4150	5351	5328	...
221 Publishing of books and other publications		954	800	811	...		10038	9310	10612	...		26497	25836	30084	...
2211 Publishing of newspapers, journals, etc.		301	192	233	...		3674	3113	3357	...		9101	8511	8180	...
2212 Publishing of newspapers, journals, etc.		496	463	481	...		5832	5973	6844	...		16566	16421	21285	...
2213 Publishing of recorded media		60	59	44	...		182	168	192	...		437	437	313	...
2219 Other publishing		97	86	53	...		350	456	219	...		393	688	307	...

222 Printing and related service activities	3356	2864	28002	28219	26775	39821	40643	42496
2221 Printing	1705	1498	18704	18742	19195	27706	27605	32094
2222 Service activities related to printing	1691	1366	9298	9472	7580	12115	13038	10401
2230 Reproduction of recorded media	27	19	266	77	233	387	149	414
2310 Coke oven products	1	1	3382	3145	2793	15192	15548	15526
2320 Refined petroleum products	1	1	1	1	1	1	1	1
2330 Processing of nuclear fuel	1	1	1	1	1	1	1	1
241 Basic chemicals	228	171	6574	6299	5641	18690	20477	21804
2411 Basic chemicals, except fertilizers	100	13	2965	2965	8055	8055	3784	3721
2412 Fertilizers and nitrogen compounds	115	724	1264	1173	1066	3582	3784	47748
2413 Plastics in primary forms; synthetic rubber	852	788	2345	18716	17693	50552	49297	686
242 Other chemicals	12	9	20148	18716	17693	50552	49297	686
2421 Pesticides and other agro-chemical products	180	156	289	289	793	9530	9745	10349
2422 Paints, varnishes, printing ink and mastics	144	143	4610	4450	4556	26097	26396	32396
2423 Pharmaceuticals, medicinal chemicals, etc.	264	211	8392	8031	7262	10726	9252	9259
2424 Soap, cleaning & cosmetic preparations	252	239	4652	4004	3507	10726	9252	9259
2429 Other chemical products n.e.c.	15	12	2205	1972	2134	3741	3517	4110
2430 Man-made fibres	15	12	749	665	670	1921	1917	1986
251 Rubber products	223	178	5130	5042	5058	7982	8495	9403
2511 Rubber tyres and tubes	137	96	3139	3134	2972	5354	5785	6232
2519 Other rubber products	86	83	1991	1908	2086	2628	2710	3171
2520 Plastic products	812	833	14483	15781	16348	20667	24097	27433
2610 Glass and glass products	447	463	8889	8881	9520	16630	17571	19208
269 Non-metallic mineral products n.e.c.	4245	4080	58007	61233	61439	81275	88705	93146
2691 Pottery, china and earthenware	1350	1193	21457	23074	23210	25629	29045	31083
2692 Refractory ceramic products	25	20	847	535	495	1329	906	888
2693 Struct.non-refractory clay; ceramic products	354	301	10841	11350	10902	15523	16868	17432
2694 Cement, lime and plaster	45	37	2436	2065	1988	7787	6975	7310
2695 Articles of concrete, cement and plaster	726	797	9920	10349	10349	16184	18191	18402
2696 Cutting, shaping & finishing of stone	1665	1665	11381	12247	13374	12920	14502	16119
2699 Other non-metallic mineral products n.e.c.	80	70	1125	1163	1121	1903	2218	1911
2710 Basic iron and steel	247	154	5660	4981	4470	10884	10596	10314
2720 Basic precious and non-ferrous metals	149	88	3418	2524	1870	5438	4416	3731
2730 Casting of metals	351	279	5734	6751	6737	8331	10518	10899
2731 Casting of iron and steel	64	51	3891	4137	4004	5250	5685	7000
2732 Casting of non-ferrous metals	287	228	1843	2624	2733	2081	3533	3899
281 Structural metal products;tanks;steam generators	4330	3962	27091	26852	26834	31198	35038	35805
2811 Structural metal products	4207	3867	23989	23903	24307	26447	29536	30913
2812 Tanks, reservoirs and containers of metal	113	89	2920	2756	2343	4421	5238	4600
2813 Steam generators	10	6	182	193	184	330	264	291
289 Other metal products: metal working services	10401	9083	46065	44630	47842	53706	57025	63041
2891 Metal forging/pressing/stamping/roll-forming	258	464	1230	1661	2673	1568	1961	3164
2892 Treatment & coating of metals	6382	5565	17009	15741	18480	18596	20241	23647
2893 Cutlery, hand tools and general hardware	1838	1280	10262	10034	9855	11587	11944	12507
2899 Other fabricated metal products n.e.c.	1893	1774	17664	17194	16834	21956	22879	23724
291 General purpose machinery	1610	1320	17195	16879	15478	26640	26175	26393
2911 Engines & turbines(not for transport equip.)	72	51	279	238	152	202	328	202
2912 Pumps, compressors, taps and valves	136	113	2222	3058	2977	2931	4495	4903
2913 Bearings, gears, gearing & driving elements	20	28	762	606	760	1455	1278	1607
2914 Ovens, furnaces and furnace burners	49	41	449	416	416	706	717	706
2915 Lifting and handling equipment	201	188	3747	3397	3484	6843	7080	8468
2919 Other general purpose machinery	1132	922	9716	9151	7689	14406	12277	10507
292 Special purpose machinery	2164	1924	24335	24233	24956	37639	38175	43475
2921 Agricultural and forestry machinery	510	441	3592	3651	3409	4816	4864	4934
2922 Machine tools	195	173	2354	2431	2411	3337	3479	3643
2923 Machinery for metallurgy	34	21	229	228	228	294	271	271
2924 Machinery for mining & construction	163	162	1865	1662	1662	2462	2438	2695
2925 Food/beverage/tobacco processing machinery	224	208	2325	1975	2739	3782	2933	4854
2926 Machinery for textile, apparel and leather	182	148	2387	1917	2530	3855	2792	5090
2927 Weapons and ammunition	34	23	1002	796	796	1781	1866	1278
2929 Other special purpose machinery	822	794	10611	11546	11181	17312	19832	20651
2930 Domestic appliances n.e.c.	135	105	4405	4307	4600	6372	7665	7949

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ISIC Industry	ISIC Revision 3			Number of enterprises (numbers)			Number of employees (numbers)			Wages and salaries paid to employees (million ESCUDOS)					
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
3000 Office, accounting and computing machinery		54	55	24	...		317	449	113	...		514	622	173	...
3110 Electric motors, generators and transformers		275	259	239	...		2840	2750	2259	...		6626	7008	5282	...
3120 Electricity distribution & control apparatus		174	168	147	...		2638	2872	3371	...		4327	5156	6009	...
3130 Insulated wire and cable		32	29	26	...		5810	6414	8107	...		11153	13053	17011	...
3140 Accumulators, primary cells and batteries		4	3	3	...		885	899	873	...		2480	2412	2499	...
3150 Lighting equipment and electric lamps		354	308	304	...		3304	3159	3045	...		4046	3843	4227	...
3190 Other electrical equipment n.e.c.		173	169	211	...		12934	13741	16018	...		18395	22992	26429	...
3210 Electronic valves, tubes, etc.		164	132	109	...		7672	7270	4115	...		19851	20462	9978	...
3220 TV/radio transmitters; line comm. apparatus		55	69	87	...		1786	2206	5438	...		5688	7195	20392	...
3230 TV and radio receivers and associated goods		84	75	78	...		7928	7793	7958	...		16192	17292	18295	...
331 Medical, measuring, testing appliances, etc.		645	611	613	...		4052	4100	4825	...		6559	6505	7982	...
3311 Medical, surgical and orthopaedic equipment		477	462	481	...		1865	1891	2670	...		2556	2332	3530	...
3312 Measuring/testing/navigating appliances, etc.		102	90	67	...		1370	883	1229	...		2399	1307	2338	...
3313 Industrial process control equipment		66	59	65	...		817	1326	926	...		1604	2866	2114	...
3320 Optical instruments & photographic equipment		38	34	31	...		1862	1762	1678	...		2932	3023	3101	...
3330 Watches and clocks		29	24	22	...		277	228	247	...		280	274	299	...
3410 Motor vehicles		55	44	29	...		11106	10063	10135	...		32360	30619	31137	...
3420 Automobile bodies, trailers & semi-trailers		177	167	161	...		3225	3241	3481	...		3894	4332	4769	...
3430 Parts/accessories for automobiles		238	231	202	...		10640	10763	9835	...		18155	18653	18097	...
351 Building and repairing of ships and boats		331	353	272	...		10009	5865	6447	...		24361	12454	16897	...
3511 Building and repairing of ships		283	272	207	...		9856	5480	6171	...		24233	12113	16613	...
3512 Building/repairing of pleasure/sport. boats		48	81	65	...		193	386	276	...		128	341	284	...
3520 Railway/tramway locomotives & rolling stock		5	5	4	...		3088	3121	3109	...		7800	8938	8892	...
3530 Aircraft and spacecraft		56	43	27	...		1714	1774	1864	...		4148	4582	5239	...
359 Transport equipment n.e.c.		70	58	61	...		2348	2004	2029	...		2849	2515	2665	...
3591 Motorcycles		22	...	24	...		969	...	979	...		1199	...	1387	...
3592 Bicycles and invalid carriages		35	...	28	...		1345	...	1024	...		1620	...	1253	...
3599 Other transport equipment n.e.c.		13	8	9	...		34	29	26	...		30	28	25	...
3610 Furniture		7311	7414	7303	...		45776	47764	48644	...		40474	44588	48221	...
369 Manufacturing n.e.c.		2808	2624	2406	...		14981	13273	15747	...		15747	15006	15889	...
3691 Jewellery and related articles		1381	1345	1173	...		5755	5388	5356	...		5662	6054	6261	...
3692 Musical instruments		28	35	31	...		66	57	51	...		40	48	45	...
3693 Sports goods		79	60	54	...		709	434	381	...		995	476	465	...
3694 Games and toys		146	78	80	...		908	908	919	...		1124	895	942	...
3699 Other manufacturing n.e.c.		1174	1106	1068	...		7327	6486	7210	...		7926	7533	8176	...
3710 Recycling of metal waste and scrap		40	31	30	...		389	379	308	...		545	643	491	...
3720 Recycling of non-metal waste and scrap		48	42	39	...		339	437	451	...		343	507	549	...
D Total manufacturing		84551	82995	73409	...		984861	964064	941216	...		1286787	1320851	1379437	...

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ISIC Industry	Output in producers' prices (million ESCUDOS)				Value added in producers' prices (million ESCUDOS)				Gross fixed capital formation (million ESCUDOS)				
	Note	1995	1997	1998	1999	Note	1996	1997	1998	1999	Note	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999			
151 Processed meat, fish, fruit, vegetables, fats		569349	603747	576725	576725		86596	83288	82102	82102		20010	...
1511 Processing/preserving of meat		285313	292407	265434	265434		42451	42770	44405	44405		10678	...
1512 Processing/preserving of fish		71947	65177	83855	83855		11228	10842	12435	12435		1256	...
1513 Processing/preserving of fruit & vegetables		89620	76187	90995	90995		18460	13060	16085	16085		4736	...
1514 Vegetable and animal oils and fats		122469	169976	136341	136341		16457	18616	9175	9175		3341	...
1520 Dairy products		247998	286282	251103	251103		39057	42290	42826	42826		6296	...
153 Grain mill products		318592	311230	304281	304281		38798	39693	38090	38090		-1893	...
1531 Grain mill products	
1532 Starches and starch products		219130	209177	206284	206284		26102	25967	24707	24707		-5189	...
1533 Prepared animal feeds		375283	395471	377625	377625		113324	122204	117528	117528		15166	...
154 Other food products		203026	211121	181421	181421		69129	67470	67792	67792		13403	...
1541 Bakery products		47842	54605	58701	58701		10245	10778	10572	10572		1786	...
1542 Sugar		22407	20139	15670	15670		4813	4027	4420	4420		410	...
1543 Cocoa, chocolate and sugar confectionery		4508	4494	5157	5157		1239	1157	1163	1163		43	...
1544 Macaroni, noodles & similar products		97500	105112	116676	116676		27898	29772	33582	33582		-477	...
1549 Other food products n.e.c.		348872	361135	375351	375351		99919	97058	110892	110892		18946	...
155 Beverages		8992	11176	12140	12140		1889	2370	1958	1958		701	...
1551 Distilling, rectifying & blending of spirits	
1552 Wines	
1553 Malt liquors and malt		64301	78942	86317	86317		15296	19845	24493	24493		2616	...
1554 Soft drinks; mineral waters	
1600 Tobacco products		146510	203571	43834	43834		132637	185144	20525	20525		-8390	...
171 Spinning, weaving and finishing of textiles		440180	432906	453771	453771		144592	137721	146516	146516		35367	...
1711 Textile fibre preparation; textile weaving		366348	361112	372025	372025		116096	109471	113825	113825		24512	...
1712 Finishing of textiles		209068	215437	242672	242672		28497	28250	32691	32691		10855	...
172 Other textiles		79015	69484	87941	87941		23479	18647	77399	77399		17347	...
1721 Made-up textile articles, except apparel		18411	17435	15705	15705		5220	5514	24311	24311		5688	...
1722 Carpets and rugs		39805	39791	37972	37972		13444	12231	13162	13162		823	...
1723 Cordage, rope, twine and netting		64837	88727	100950	100950		21574	31788	34291	34291		2832	...
1729 Other textiles n.e.c.		259621	272186	272403	272403		66471	69660	69960	69960		13905	...
1730 Knitted and crocheted fabrics and articles		693836	822525	768340	768340		238517	255135	250724	250724		30616	...
1810 Wearing apparel, except fur apparel		6068	6226	4469	4469		1471	1502	1178	1178		154	...
1820 Dressing & dyeing of fur; processing of fur		77717	78951	79190	79190		18223	18129	15817	15817		971	...
191 Tanning, dressing and processing of leather		59406	62145	63739	63739		11771	12458	10306	10306		356	...
1911 Tanning and dressing of leather		18311	16806	15451	15451		6452	5671	5510	5510		615	...
1912 Luggage, handbags, etc.; saddlery & harness		454215	458707	425213	425213		126503	136937	126111	126111		17342	...
1920 Footwear		102349	111441	119531	119531		26640	29233	29941	29941		7299	...
2010 Sawmilling and planing of wood		413284	490663	505032	505032		105732	115613	116621	116621		38619	...
202 Products of wood, cork, straw, etc.		60742	67634	71299	71299		15978	17190	18523	18523		5320	...
2021 Veneer sheets, plywood, particle board, etc.		88792	107409	118410	118410		32116	34318	38429	38429		9803	...
2022 Builders' carpentry and joinery		6819	8277	6960	6960		1969	1886	1726	1726		545	...
2023 Wooden containers		256931	307343	308363	308363		55669	62219	57943	57943		22952	...
2029 Other wood products; articles of cork/straw		371000	372412	359841	359841		103300	119032	112480	112480		26743	...
210 Paper and paper products		217362	239868	240556	240556		61263	80803	75889	75889		18957	...
2101 Pulp, paper and paperboard		118051	90550	77999	77999		29531	24635	22569	22569		4296	...
2102 Corrugated paper and paperboard		35587	41994	41285	41285		12506	13594	14022	14022		3491	...
2109 Other articles of paper and paperboard		200407	218270	209592	209592		63067	69381	67449	67449		880	...
221 Publishing of books and other publications		82022	80901	74067	74067		27141	24066	26909	26909		-3467	...
2212 Publishing of newspapers, journals, etc.		101396	124648	126849	126849		32543	42847	39899	39899		3461	...
2213 Publishing of recorded media		10732	4625	5587	5587		1636	889	977	977		397	...
2219 Other publishing		6257	8096	3089	3089		1748	1557	574	574		489	...

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ISIC Industry	Output in producers' prices (million ESCUDOS)				Value added in producers' prices (million ESCUDOS)				Gross fixed capital formation (million ESCUDOS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
222 Printing and related service activities		245761	241125	253245	...		102593	112648	115668	...
2221 Printing		171854	160045	182932	...		71689	76582	87582	...
2222 Service activities related to printing		73907	81080	70313	...		30904	36086	28086	...
2230 Reproduction of recorded media		4851	1926	3427	...		1122	597	1204	...
2310 Coke oven products		-	-	773284	...		456933	395609	436542	...
2320 Refined petroleum products		-	-	...	...		-	-	-	...
2330 Processing of nuclear fuel		-	-	...	...		-	-	-	...
241 Basic chemicals		233487	267386	248315	...		62612	74348	67190	...
2411 Basic chemicals, except fertilizers		98759	35127	35127	...		35127	9431	9253	...
2412 Fertilizers and nitrogen compounds		37107	35094	42008	...		11188	9431	9253	...
2413 Plastics in primary forms; synthetic rubber		97621	...	...	...		16297	...	...	...
242 Other chemicals		389471	408567	392023	...		125055	136130	129718	...
2421 Pesticides and other agro-chemical products		8785	7155	7269	...		2180	1887	1652	...
2422 Paints, varnishes, printing ink and mastics		76330	78808	90484	...		26180	27128	29770	...
2423 Pharmaceuticals, medicinal chemicals, etc.		163500	194323	165553	...		62185	74293	65575	...
2424 Soap cleaning & cosmetic preparations		104040	94645	81722	...		25268	23206	20638	...
2429 Other chemical products n.e.c.		36816	33636	46996	...		9242	9616	12084	...
2430 Man-made fibres		20442	25339	21540	...		3690	5757	5971	...
251 Rubber products		59736	62260	68217	...		22004	23890	28478	...
2511 Rubber tyres and tubes		41033	44328	48909	...		16071	17955	21471	...
2519 Other rubber products		18703	17932	19309	...		5933	5925	7007	...
2520 Plastic products		192179	218096	238686	...		56854	64690	76346	...
2610 Glass and glass products		94643	106363	116678	...		39055	44364	50252	...
269 Non-metallic mineral products n.e.c.		577343	697563	697563	...		227367	268249	289493	...
2691 Pottery, china and earthenware		102395	116251	123715	...		51553	58910	63093	...
2692 Refractory ceramic products		6191	3903	4170	...		2958	1947	2093	...
2693 Struct.-non-refractory clay; ceramic products		86796	99744	110262	...		38086	43583	51386	...
2694 Cement, lime and plaster		140599	157959	140352	...		59275	74389	75868	...
2695 Articles of concrete, cement and plaster		137478	177619	191148	...		39091	52751	7814	...
2696 Cutting, shaping & finishing of stone		86118	100843	109041	...		31219	35217	39946	...
2699 Other non-metallic mineral products n.e.c.		17766	21304	18877	...		5185	6552	6248	...
2710 Basic iron and steel		133117	157165	150972	...		22447	29071	25842	...
2720 Basic precious and non-ferrous metals		56946	46915	43602	...		13716	10947	9379	...
273 Casting of metals		38229	55019	59166	...		15917	20835	22317	...
2731 Casting of iron and steel		27078	30510	32527	...		11473	13149	13873	...
2732 Casting of non-ferrous metals		11151	24509	26640	...		4444	7686	8444	...
281 Structural metal products; tanks; steam generators		222623	237786	254660	...		77000	72485	78118	...
2811 Structural metal products		178972	206441	222590	...		56472	61082	67671	...
2812 Tanks, reservoirs and containers of metal		26528	30090	30637	...		9440	10837	9830	...
2813 Steam generators		17123	1255	1432	...		11088	566	618	...
289 Other metal products; metal working services		353488	393194	419618	...		131810	143395	153459	...
2891 Metal forging/pressing/stamping/roll-forming		9671	11723	21464	...		3470	4180	7987	...
2892 Treatment & coating of metals		135283	154914	167956	...		48390	54452	59086	...
2893 Cutlery, hand tools and general hardware		64067	67465	69300	...		26667	27871	29288	...
2899 Other fabricated metal products n.e.c.		143447	159092	160898	...		53283	56892	57098	...
291 General purpose machinery		185880	176121	178976	...		58332	57801	56731	...
2911 Engines & turbines (not for transport equip.)		2118	2299	1452	...		755	755	510	...
2912 Pumps, compressors, taps and valves		15756	27700	30511	...		6011	9130	9812	...
2913 Bearings, gears, gearing & driving elements		7997	6356	9047	...		2699	3396	3396	...
2914 Ovens, furnaces and furnace burners		3657	4495	4610	...		1337	1625	1436	...
2915 Lifting and handling equipment		37609	40930	47598	...		12773	14619	15630	...
2919 Other general purpose machinery		118743	94340	85759	...		33794	29162	25757	...

292 Special purpose machinery	200488	219697	242616	81472	88711	97809	19024
2921 Agricultural and forestry machinery	32032	30955	34609	11109	11316	11591	1769
2922 Machine tools	17358	19680	20521	7132	7646	8454	1220
2923 Machinery for metallurgy	1317	2173	1878	524	771	792	93
2924 Machinery for dining & construction	17869	20226	22073	5300	5650	6625	1536
2925 Food/beverage/tobacco processing machinery	19886	17453	22979	7022	6987	9549	916
2926 Machinery for textile, apparel and leather	17433	14256	20136	8373	6171	10116	2617
2927 Weapons and ammunition	7869	6129	6775	1716	1671	1408	-465
2929 Other special purpose machinery	86624	108825	113644	40286	48999	49274	11339
2930 Domestic appliances n.e.c.	58455	71484	80093	15275	18437	21141	1675
3000 Office, accounting and computing machinery	8995	7261	3819	1935	1714	494	67
3110 Electric motors, generators and transformers	35149	39213	30361	11888	12523	9806	10776
3120 Electricity distribution & control apparatus	23798	29060	33081	9611	11782	13366	2266
3130 Insulated wire and cable	96101	114104	137211	27810	30232	40326	15229
3140 Accumulators, primary cells and batteries	14725	13778	14264	5261	4953	4347	806
3150 Lighting equipment and electric lamps	23903	22945	27397	8466	8311	9795	1138
3190 Other electrical equipment n.e.c.	122781	131371	150523	41348	44414	50430	2940
3210 Electronic valves, tubes, etc.	161062	164025	75364	35600	39294	19454	1467
3220 TV/radio transmitters; line comm. apparatus	30335	39580	156849	10004	14782	44869	2105
3230 TV and radio receivers and associated goods	143300	157907	182947	30246	39340	46829	5410
3311 Medical, measuring, testing appliances, etc.	39262	41597	55544	15618	14449	19012	2205
3312 Measuring/testing/navigating appliances, etc.	17583	16889	23045	6405	6387	8677	1107
3313 Industrial process control equipment	11031	6251	12783	5962	3092	6098	669
3320 Optical instruments & photographic equipment	10648	18457	19716	3251	4970	4238	429
3330 Watches and clocks	14287	15734	16681	6124	6480	6727	949
3410 Motor vehicles	2128	1047	1094	672	425	466	19
3420 Automobile bodies, trailers & semi-trailers	561827	618849	630861	108880	119075	109125	13200
3430 Parts/accessories for automobiles	24520	28798	34433	6834	8039	9774	1542
351 Building and repairing of ships and boats	234029	186922	194141	51450	51564	49014	8135
3511 Building and repairing of ships	92334	63943	134164	32415	25311	36363	3672
3512 Building/repairing of pleasure/sport. boats	91414	61276	132247	32030	24643	35703	3377
3520 Railway/tramway locomotives & rolling stock	920	2667	1917	385	668	660	295
3530 Aircraft and spacecraft	41742	36458	41585	12880	15983	16342	1658
359 Transport equipment n.e.c.	13047	15183	18123	6255	7233	8186	1697
3591 Motorcycles	15944	17290	17290	5439	5032	5187	-120
3592 Bicycles and invalid carriages	6270	...	6840	1996	...	2636	-469
3599 Other transport equipment n.e.c.	9457	...	10182	3367	...	2451	326
3610 Furniture	217	253	268	76	87	100	22
369 Manufacturing n.e.c.	267904	283029	318186	87587	93909	104236	30536
3691 Jewellery and related articles	214034	182485	178946	43448	39832	40473	8715
3692 Musical instruments	124688	112196	101792	19262	18948	18462	2903
3693 Sports goods	215	233	329	92	103	113	13
3694 Games and toys	28092	9421	10280	3482	1477	1423	182
3699 Other manufacturing n.e.c.	8626	5659	6529	2633	1957	1408	917
3710 Recycling of metal waste and scrap	52413	54976	60015	17979	17347	19068	4700
3720 Recycling of non-metal waste and scrap	7626	9236	9526	1548	1913	1402	1149
D Total manufacturing	4396	6726	6547	752	1712	1972	1806
	11312627	12046197	12080592	3543799	3756966	3739811	613814

Portugal

ISIC Industry	Index numbers of industrial production													
	(1990=100)													
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
15 Food and beverages	100	102	97	98	95	98	101	104	107	111		
16 Tobacco products	100	102	98	95	87	82	78	82	103	111		
17 Textiles	100	105	98	86	90	89	83	85	84	81		
18 Wearing apparel, fur	100	101	99	89	79	86	85	77	75	70		
19 Leather, leather products and footwear	100	98	97	94	91	91	92	92	83	75		
20 Wood products (excl. furniture)	100	109	111	114	97	104	110	118	120	111		
21 Paper and paper products	100	111	108	100	106	111	109	117	120	122		
22 Printing and publishing		
23 Coke, refined petroleum products, nuclear fuel	100	93	98	93	113	120	108	120	128	125		
24 Chemicals and chemical products	100	88	82	74	75	73	74	76	76	76		
25 Rubber and plastics products	100	100	96	90	97	104	116	127	135	156		
26 Non-metallic mineral products	100	98	102	106	107	111	114	126	132	139		
27 Basic metals	100	93	100	96	98	104	100	114	117	131		
28 Fabricated metal products	100	102	96	89	94	94	103	113	121	123		
29 Machinery and equipment n.e.c.	100	97	91	82	87	88	96	104	109	109		
30 Office, accounting and computing machinery		
31 Electrical machinery and apparatus	100	110	118	110	103	125	130	142	149	161		
32 Radio, television and communication equipment	100	97	99	97	107	122	130	132	153	222		
33 Medical, precision and optical instruments		
34 Motor vehicles, trailers, semi-trailers	100	101	105	89	89	104	132	149	153	143		
35 Other transport equipment	100	97	81	69	57	55	59	56	72	66		
36 Furniture, manufacturing n.e.c.	100	102	95	93	102	114	126	128	141	136		
37 Recycling		
D Total manufacturing	92	94	100	100	98	92	93	96	97	102	104	106		

Note

PUERTO RICO

<p>Supplier of information: Puerto Rico Planning Board, San Juan.</p> <p>Basic source of data: Census of manufacturing industries.</p> <p>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).</p> <p>Reference period (if not calendar year): Fiscal year.</p> <p>Scope: All establishments with at least one paid employee and operating during a specified week in March.</p> <p>Method of enumeration: Individual sites are visited by enumerators.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <u>Number of employees</u> is as of the pay period that includes 12 March of the reference year. <u>Output</u> is value of goods shipped. <u>Value added</u> is total value added.</p> <p>Related national publications: Census of Manufacturing Industries of Puerto Rico (annual), published by the Puerto Rico Department of Labour and Human Resources, Puerto Rico.</p>
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Puerto Rico

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	(numbers)				(numbers)				(million DOLLARS)						
	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	
ISIC Industry	Note														
311/2 Food products		283	282	302	318		13590	12950	11440	10720		357.7	370.1	331.2	321.8
3111 Slaughtering, preparing & preserving meat												29.7	31.4	28.5	28.4
3112 Dairy products												35.9	37.5	37.8	42.5
3113 Canning, preserving of fruits & vegetables												21.0	25.2	20.9	13.7
3114 Canning, preserving and processing of fish												69.2	59.1	51.7	54.2
3115 Vegetable and animal oils and fats															
3116 Grain mill products												19.4	19.1	19.4	19.0
3117 Bakery products												69.9	76.2	64.1	63.9
3118 Sugar factories and refineries												79.7	83.9	78.0	68.9
3119 Cocoa, chocolate and sugar confectionery															
3121 Other food products												32.9	37.7	30.8	31.2
3122 Prepared animal feeds															
313 Beverages		34	36	37	39		1610	1620	1590	1580		94.6	89.0	104.4	102.7
3131 Distilling, rectifying and blending spirits												33.5	23.4	23.4	24.0
3132 Wine industries															
3133 Malt liquors and malt												11.7	11.6	11.8	11.6
3134 Soft drinks and carbonated waters												49.4	54.0	69.2	67.1
314 Tobacco		5	5	5	5		720	930	1060	1110		28.1	30.1	31.0	31.0
321 Textiles		16	13	12	14		3450	3270	2960	2440		27.5	29.7	29.1	23.9
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		226	225	198	209		22280	20090	17550	17030		273.6	256.7	242.8	234.9
323 Leather and fur products		13	11	11	11		2650	2210	2210	1890		89.9	93.6	92.1	78.4
3231 Tanneries and leather finishing															
3232 Fur dressing and dyeing industries															
3233 Leather prods. excl. wearing apparel															
324 Footwear, except rubber or plastic		12	9	9	9		3450	3830	3170	2660					
331 Wood products, except furniture		112	105	102	141		780	800	820	940		15.5	17.0	16.4	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		134	135	150	147		2450	2530	2620	2780		20.3	23.3	24.7	24.7
341 Paper and products		45	45	44	56		1740	1780	1990	1940		40.8	45.7	49.5	48.4
3411 Pulp, paper and paperboard articles															
3412 Containers of paper and paperboard															
3419 Other pulp, paper and paperboard articles															
342 Printing and publishing		199	193	197	265		3160	3070	3670	3620		122.2	128.0	146.0	164.7
351 Industrial chemicals	c/	169	165	162	165		20310	19510	19860	20030		859.2	874.3	931.5	1040.3
3511 Basic chemicals excl. fertilizers															
3512 Fertilizers and pesticides															
3513 Synthetic resins and plastic materials															
352 Other chemicals	c/														
3521 Paints, varnishes and lacquers															
3522 Drugs and medicines		85	79	77	80										
3523 Soap, cleaning preps., perfumes, cosmetics															
3529 Other chemical products															
353 Petroleum refineries	d/	18	20	20	23		680	690	720	560		37.3	34.1	30.8	32.3

354 Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...	23.2	20.7	22.3	21.3
355 Rubber products	...	...	...	...	...	...	...	...	...	...	82.4	92.3	97.1	97.8
3551 Tyres and tubes	...	12	12	13	14	...	540	520	360	e/	...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	...	66	74	71	76	...	3260	3450	3500	e/	...	...	...	...
361 Pottery, china, earthenware	...	12	9	...	10	...	400	400	420	...	...	...	...	...
362 Glass and products	...	40	38	37	41	...	1090	650	1130	...	21.2	22.5	23.7	24.1
369 Other non-metallic mineral products	...	144	137	...	163	...	2270	...	2460	...	84.5	86.5	89.6	100.2
3691 Structural clay products	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3692 Cement, lime and plaster	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3699 Other non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	f/	19	16	15	20	...	460	550	460	f/	19.4	17.8	17.2	17.8
372 Non-ferrous metals	f/	...	...	...	...	...	...	...	...	f/	...	...	...	...
381 Fabricated metal products	...	228	221	255	301	...	3310	3770	4440	...	73.3	87.2	89.5	95.6
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	...	59	57	65	83	...	2440	2430	2840	...	78.2	94.2	117.9	110.4
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	...	95	89	86	90	...	20580	21630	17590	...	455.5	491.4	488.0	513.4
3831 Electrical industrial machinery	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3832 Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	...	27	28	31	37	...	670	700	1180	...	17.8	17.8	20.9	23.4
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	...	77	72	77	96	...	13080	13190	13090	...	312.0	302.2	345.5	354.8
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	...	49	44	43	66	...	1770	1990	1440	...	39.5	37.2	35.9	31.2
3901 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing	...	2057	2005	1942	2399	...	123860	122450	117040	...	3172.6	3261.3	3377.1	3509.5

a/ 3118 includes 3119.
 b/ 323 includes 324.
 c/ 351 includes 352.
 d/ 353 includes 354.
 e/ 355 includes 356.
 f/ 371 includes 372.

354 Misc. petroleum and coal products	196.4	210.3	175.0	219.2	d/	...	...	...	...
355 Rubber products	788.8	875.3	897.4	938.7	e/	345.8	376.1	388.2	410.7
3551 Tyres and tubes	...	...	...	...		...	...	...	...
3559 Other rubber products	...	...	...	...		...	...	...	...
356 Plastic products	...	...	...	...	e/	...	...	...	...
361 Pottery, china, earthenware	466.0	523.6	536.3	570.8	g/	211.7	233.5	221.3	255.9
362 Glass and products	...	...	...	...	g/	...	...	...	...
369 Other non-metallic mineral products	166.2	176.2	166.3	188.0	g/	...	...	...	...
3691 Structural clay products	...	...	...	...		...	...	...	...
3692 Cement, lime and plaster	...	...	...	...		...	...	...	...
3699 Other non-metallic mineral products	...	...	...	...		...	...	...	...
371 Iron and steel	217.4	200.8	272.3	287.9	h/	55.2	54.5	69.4	85.3
372 Non-ferrous metals	...	...	...	...	h/	...	...	...	...
381 Fabricated metal products	497.9	560.0	834.1	872.8		152.6	183.0	225.0	265.7
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	3310.0	3903.2	4154.1	6451.2		903.8	925.2	1130.9	2036.2
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	4717.5	4768.3	4682.3	4869.7		1490.0	1495.7	1506.3	1582.1
3831 Electrical industrial machinery	...	...	...	...		...	...	...	...
3832 Radio, television and communication equipm.	...	...	...	...		...	...	...	...
3833 Electrical appliances and housewares	...	...	...	...		...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	...		...	...	...	...
384 Transport equipment	113.4	121.8	128.6	134.6		59.1	62.8	56.3	61.5
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	2743.1	2922.3	3322.5	3315.0		1360.6	1333.9	1595.6	1646.0
3851 Prof. and scientific equipment n.e.c.	...	...	...	...		...	...	...	...
3852 Photographic and optical goods	...	...	...	...		...	...	...	...
3853 Watches and clocks	...	...	...	...		...	...	...	...
390 Other manufacturing industries	291.2	291.8	232.2	243.5		77.1	82.0	80.9	74.0
3901 Jewellery and related articles	...	...	...	...		...	...	...	...
3902 Musical instruments	...	...	...	...		...	...	...	...
3903 Sporting and athletic goods	...	...	...	...		...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	...		...	...	...	...
3 Total manufacturing	41811.6	47512.6	48584.3	56099.3		18422.8	19302.0	22976.0	26636.8

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 Industry	Index numbers of industrial production												
	(1990=100)												
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
311/2 Food products	151	133	100	109	98	94	73	67	49	40	23	4	
313 Beverages	67	92	100	92	78	55	55	49	44	37	34	29	
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	90	89	100	94	96	97	104	104	115	124	117	134	
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	

Note

ISIC Revision 2

REPUBLIC OF KOREA

<p>Source of information: National Statistical Office, Taejon. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>Basic source of data: Mining and manufacturing survey.</p> <p>Major deviations from ISIC (Revision 3): Data are collected under the national classification system which is compatible with ISIC (Rev. 3).</p> <p>Reference period (if not calendar year):</p> <p>Scope: Establishments with 5 or more employees.</p> <p>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.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: Number of employees is not converted to full-time equivalent. <u>Wages and salaries</u> 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.</p> <p>Related national publications: Report on the Mining and Manufacturing Survey, published by the National Statistical Office, Taejon.</p>
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Republic of Korea

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	(numbers)				(thousands)				(billion WON)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
1511 Processed meat, fish, fruit, vegetables, fats		1931	1907	1784	1945		61.5	60.7	56.2	59.0		624.6	638.2	585.2	643.9
1512 Processing/preserving of meat		407	431	420	485		19.8	48.5	20.9	20.9		233.0	250.5	214.0	252.0
1513 Processing/preserving of fish		961	919	853	908		28.9	26.8	25.7	24.3		255.7	246.0	238.3	237.3
1514 Processing/preserving of fruit & vegetables		487	484	433	484		10.3	47.3	9.7	10.5		95.2	103.2	93.9	100.6
1515 Vegetable and animal oils and fats		76	73	78	79		2.6	2.3	2.4	3.4		40.7	38.5	39.0	54.1
1516 Dairy products		113	103	100	99		14.0	13.4	10.7	9.0		229.6	234.4	192.3	164.0
1520 Grain mill products		910	972	953	893		20.5	19.2	18.9	15.6		317.0	327.7	285.7	273.3
1531 Grain mill products		632	689	671	588		9.3	9.0	9.1	6.6		121.6	128.7	122.5	104.1
1532 Starches and starch products		94	95	86	82		2.9	2.3	2.4	2.0		43.5	40.3	40.3	36.9
1533 Prepared animal feeds		184	188	196	223		8.3	7.9	7.4	7.0		150.1	155.5	122.9	132.3
154 Other food products		2787	2714	2561	2989		75.0	68.5	63.4	67.9		856.9	842.8	777.2	847.8
1541 Bakery products		489	510	484	493		24.3	22.0	19.6	18.3		291.1	283.8	247.7	238.5
1542 Sugar		4	4	6	4		0.5	0.6	0.8	0.7		16.5	13.3	21.4	21.9
1543 Cocoa, chocolate and sugar confectionery		91	97	98	104		5.8	5.2	4.8	4.7		72.7	69.3	63.6	71.1
1544 Macaroni, noodles and similar products		180	168	156	157		9.6	9.3	8.6	8.3		111.9	117.3	117.3	122.5
1549 Other food products n.e.c.		2023	1935	1817	2231		34.7	31.4	29.5	36.0		364.7	353.2	327.1	393.8
155 Beverages		498	470	426	438		20.2	18.6	15.0	16.7		306.8	305.2	243.9	299.3
1551 Distilling, rectifying & blending of spirits		38	35	39	36		4.2	3.9	3.1	3.8		57.4	65.0	53.5	77.7
1552 Wines		190	176	194	194		2.6	2.3	2.0	1.9		37.5	39.3	27.5	29.4
1553 Malt liquors and malt		16	15	9	12		2.9	2.9	1.8	1.8		54.3	37.7	37.7	38.1
1554 Soft drinks; mineral waters		254	244	224	236		10.5	9.6	8.0	9.2		147.7	144.8	125.2	154.1
1600 Tobacco products		16	14	14	14		4.9	4.3	3.8	3.4		130.0	114.3	96.2	101.6
1711 Spinning, weaving and finishing of textiles		5108	4764	4352	4693		177.9	160.1	137.7	148.1		2171.1	2090.8	1721.4	1975.1
1712 Textile fibre preparation; textile weaving		3634	3298	2929	3143		116.0	104.2	88.6	93.1		1332.6	1332.6	1062.1	1202.9
1721 Finishing of textiles		1474	1466	1423	1550		61.9	55.9	49.1	55.0		792.6	758.1	659.4	772.2
1722 Other textiles		2509	2374	2026	2384		42.6	38.3	36.5	40.9		500.9	465.2	434.8	513.6
1721 Made-up textile articles, except apparel		1596	1464	1200	1434		26.0	22.6	21.8	23.8		298.6	261.5	242.8	278.2
1722 Carpets and rugs		44	38	32	41		1.1	1.1	0.8	0.9		13.6	15.3	10.0	12.3
1723 Cordage, rope, twine and netting		268	259	243	260		4.9	4.5	4.0	4.5		57.8	56.1	47.7	53.8
1729 Other textiles n.e.c.		601	613	551	649		10.6	10.1	9.9	11.7		130.8	132.3	134.3	169.4
1730 Knitted and crocheted fabrics and articles		1854	1816	1725	2052		27.0	25.4	27.1	29.2		304.2	301.5	322.7	365.9
1810 Wearing apparel, except fur apparel		8514	8109	6676	7403		167.2	151.5	121.4	132.3		1761.4	1671.1	1241.9	1427.7
1820 Dressing & dyeing of fur; processing of fur		177	134	105	103		3.9	2.4	1.9	1.7		54.9	33.6	25.9	23.1
191 Tanning, dressing and processing of leather		1153	1080	893	1005		22.9	19.5	17.8	19.5		300.6	266.7	235.4	263.8
1911 Tanning and dressing of leather		308	335	279	317		11.7	10.9	9.5	10.4		164.2	162.0	128.3	144.9
1912 Luggage, handbags, etc.; saddlery & harness		845	725	614	688		11.3	8.5	8.3	9.1		136.4	104.6	107.2	118.9
1920 Footwear		1769	1559	1391	1585		43.7	34.3	30.3	32.7		466.8	374.9	318.4	366.4
2010 Sawmilling and planing of wood		1123	934	726	805		12.1	9.0	6.6	7.6		154.1	119.6	78.6	95.3
2020 Products of wood, cork, straw, etc.		1269	1122	951	1093		23.0	20.3	15.9	17.3		316.2	298.8	211.9	248.5
2021 Veneer sheets, plywood, particle board, etc.		215	187	163	207		8.8	7.6	5.9	6.5		139.2	129.8	83.5	104.5
2022 Builders' carpentry and joinery		373	315	245	249		6.3	5.3	4.1	4.1		84.5	75.5	59.8	59.1
2023 Wooden containers		238	247	230	307		3.3	3.6	3.3	4.0		44.1	51.1	42.3	55.4
2029 Other wood products; articles of cork/straw		443	373	313	350		4.6	3.8	2.6	2.8		48.4	42.3	26.4	29.5
210 Paper and paper products		2713	2639	2300	2548		64.9	60.4	51.1	53.9		958.0	969.2	792.7	886.9
2101 Pulp, paper and paperboard		382	362	347	348		22.8	21.5	18.6	18.8		408.5	418.0	351.7	389.8
2102 Corrugated paper and paperboard		1397	1323	1134	1339		23.6	21.5	18.0	20.4		306.2	296.9	236.6	281.9
2109 Other articles of paper and paperboard		934	954	819	861		18.5	17.4	14.6	14.7		243.2	256.3	204.4	215.2
221 Publishing		1352	1293	1186	1474		49.3	48.1	38.5	44.0		888.9	902.4	656.7	734.6
2211 Publishing of books and other publications		646	597	565	668		16.6	16.7	13.7	16.1		246.7	264.6	212.6	237.9
2212 Publishing of newspapers, journals, etc.		544	547	490	679		27.7	26.6	22.1	25.1		555.4	547.9	397.9	437.3
2213 Publishing of recorded media		43	38	28	25		1.0	0.6	0.5	0.4		12.1	10.2	6.3	9.3
2219 Other publishing		119	111	103	102		4.0	4.1	2.2	2.3		74.6	79.7	39.9	50.2

222 Printing and related service activities	3298	2709	3139	3370	2709	3298	37.5	34.1	28.1	32.5	485.7	470.4	356.8	441.5
2221 Printing	2589	2120	2470	2589	2120	2470	27.5	26.1	21.2	23.4	363.6	367.6	279.4	314.3
2222 Service activities related to printing	781	589	669	781	589	669	10.1	7.9	6.9	9.1	26.1	27.6	87.4	127.1
2230 Reproduction of recorded media	74	67	70	74	67	70	1.9	2.0	1.4	1.9	26.1	27.6	21.7	26.7
2310 Coke oven products	8	4	6	8	4	6	0.2	0.1	-	10.8	4.2	1.4	1.0	328.1
2320 Refined petroleum products	62	50	54	62	50	54	11.4	11.7	11.4	10.8	301.0	334.9	323.1	328.1
2330 Processing of nuclear fuel	1	1	1	1	1	1	0.6	0.6	0.6	...	12.8	13.5	14.7	...
241 Basic chemicals	1050	1047	942	1050	1047	942	50.8	48.6	48.9	48.8	1037.5	1064.6	1096.8	1181.6
2411 Basic chemicals, except fertilizers	518	501	502	518	501	502	26.3	24.9	25.9	27.1	561.8	580.7	580.6	645.7
2412 Fertilizers and nitrogen compounds	207	210	218	207	210	218	5.8	4.6	4.5	4.0	105.2	86.7	80.7	88.2
2413 Plastics in primary forms; synthetic rubber	325	336	222	325	336	222	18.7	18.1	18.5	17.8	372.5	419.2	435.5	447.6
242 Other chemicals	1578	1562	1613	1578	1562	1613	80.7	79.7	71.7	71.3	1304.1	1326.8	1148.7	1249.8
2421 Pesticides and other agro-chemical products	62	61	65	62	61	65	3.4	3.4	3.1	3.0	51.1	54.3	43.7	47.3
2422 Paints, varnishes, printing ink and mastics	231	243	243	231	243	243	11.4	10.7	9.4	9.4	198.4	191.2	152.8	173.9
2423 Pharmaceutical, medicinal chemicals, etc.	344	357	344	344	357	344	29.5	26.4	27.5	27.5	460.3	461.5	407.3	490.8
2424 Soap, cleaning & cosmetic preparations, etc.	311	310	310	311	310	310	16.8	16.7	14.8	13.5	266.5	282.6	231.5	215.6
2429 Other chemical products n.e.c.	633	625	638	633	625	638	19.5	19.6	17.9	17.9	327.7	327.7	313.3	322.2
2430 Man-made fibres	44	85	108	44	85	108	17.7	16.4	13.6	12.0	399.2	378.2	328.6	344.7
251 Rubber products	897	814	858	897	814	858	34.7	33.1	31.8	32.7	525.7	559.4	493.2	549.4
2511 Rubber tyres and tubes	82	57	77	82	57	77	15.3	14.4	13.6	12.8	275.7	296.5	263.2	280.3
2519 Other rubber products	815	757	781	815	757	781	19.4	18.7	18.1	20.0	250.0	262.9	230.1	269.1
2520 Plastic products	5122	4961	4325	5122	4961	4325	104.0	96.7	87.6	107.2	1410.0	1346.9	1183.8	1507.3
2610 Glass and glass products	646	510	620	646	510	620	25.5	22.7	18.3	18.3	449.1	423.2	335.9	344.3
269 Non-metallic mineral products n.e.c.	3913	3664	3564	3913	3664	3564	96.8	86.4	63.9	64.2	1445.1	1361.3	974.2	992.6
2691 Pottery, china and earthenware	570	353	486	570	353	486	13.3	11.3	7.8	9.5	147.7	138.2	87.3	107.3
2692 Refractory ceramic products	90	74	81	90	74	81	4.4	3.8	3.1	3.1	73.7	66.9	55.3	55.3
2693 Struct. non-refractory clay; ceramic products	190	172	172	190	172	172	7.9	7.3	4.2	4.1	89.6	89.6	50.3	48.3
2694 Cement, lime and plaster	85	70	80	85	70	80	9.2	8.7	6.7	6.5	206.3	200.7	154.3	153.5
2695 Articles of concrete, cement and plaster	1715	1602	1602	1715	1602	1602	44.4	38.5	29.8	28.7	674.9	615.0	437.8	437.8
2696 Cutting, shaping & finishing of stone	776	486	686	776	486	686	8.1	7.6	4.6	4.1	111.8	109.4	64.7	59.8
2699 Other non-metallic mineral products n.e.c.	487	405	457	487	405	457	9.5	9.1	7.7	8.3	138.9	141.6	113.3	130.7
2710 Basic iron and steel	903	848	848	903	848	848	74.5	70.3	64.5	66.9	1462.3	1413.2	1250.0	1302.1
2720 Basic precious and non-ferrous metals	704	685	685	704	685	685	27.2	25.4	21.8	22.2	437.8	432.1	356.0	406.2
273 Casting of metals	469	459	459	469	459	459	14.1	13.1	11.7	14.1	217.8	211.3	171.1	220.8
2731 Casting of iron and steel	347	336	312	347	336	312	12.4	11.1	9.8	11.4	193.6	183.9	146.8	185.1
2732 Casting of non-ferrous metals	122	123	123	122	123	123	1.8	2.0	1.9	2.7	24.2	27.4	24.3	35.8
281 Structural metal products; tanks, steam generators	3734	2760	3599	3734	2760	3599	79.0	71.1	57.4	58.2	1306.1	1232.9	957.1	1030.5
2811 Structural metal products	3176	2394	3126	3176	2394	3126	67.3	61.8	48.7	43.1	1114.1	1085.9	813.0	646.5
2812 Tanks, reservoirs and containers of metal	508	332	432	508	332	432	8.8	8.0	6.4	6.5	133.2	124.6	94.8	96.0
2813 Steam generators	50	34	41	50	34	41	2.8	1.3	2.4	8.7	58.9	22.4	49.3	288.0
289 Other metal products; metal working services	6392	5278	6316	6392	5278	6316	116.2	105.2	91.9	105.0	1586.6	1507.0	1222.2	1470.8
2891 Metal forging/pressing/stamping/roll-forming	937	792	938	937	792	938	17.5	16.3	14.6	20.2	249.1	241.2	188.3	265.5
2892 Treatment & coating of metals	2317	2045	2396	2317	2045	2396	32.4	30.1	25.2	30.0	449.1	438.3	350.8	415.3
2893 Cutlery, hand tools and general hardware	1024	813	876	1024	813	876	23.2	20.6	17.9	18.1	298.3	277.6	228.0	248.9
2899 Other fabricated metal products n.e.c.	2114	1628	1991	2114	1628	1991	43.1	38.3	33.2	37.8	590.1	549.9	455.2	541.1
291 General purpose machinery	5156	4051	4852	5156	4051	4852	127.3	120.2	92.5	106.6	1964.2	2010.1	1406.7	1781.1
2911 Engines & turbines(not for transport equip.)	242	212	231	242	212	231	4.9	5.5	4.1	4.1	74.0	110.6	67.7	68.1
2912 Pumps, compressors, taps and valves	1068	940	1052	1068	940	1052	26.2	26.2	22.1	24.9	386.0	397.4	327.2	389.4
2913 Bearings, gears, driving elements	506	412	477	506	412	477	12.4	11.7	9.3	10.8	178.2	178.2	119.1	171.2
2914 Ovens, furnaces and furnace burners	196	157	162	196	157	162	3.6	3.6	2.3	2.5	55.3	61.0	34.3	39.2
2915 Lifting and handling equipment	1109	718	738	1109	718	738	25.9	22.3	15.8	18.9	405.3	387.4	247.7	383.0
2919 Other general purpose machinery	2035	1889	1612	2035	1889	1612	54.3	51.0	45.4	45.4	846.4	875.6	610.6	730.2
292 Special purpose machinery	6422	5411	6354	6422	5411	6354	133.9	125.6	102.1	110.7	2157.8	2154.2	1660.1	1772.2
2921 Agricultural and forestry machinery	513	483	483	513	483	483	13.9	11.1	11.2	11.4	216.8	175.8	177.0	193.8
2922 Machine tools	1267	1142	899	1267	1142	899	22.5	22.1	16.4	19.4	346.9	388.1	271.1	320.9
2923 Machinery for metallurgy	68	44	66	68	44	66	1.0	0.9	0.5	1.2	15.5	19.5	7.0	19.4
2924 Machinery for mining & construction	463	424	330	463	424	330	17.0	17.7	10.9	8.0	325.4	368.6	230.0	107.8
2925 Food/beverage/tobacco processing machinery	267	230	218	267	230	218	3.9	3.4	2.8	2.6	56.1	50.7	38.1	36.3
2926 Machinery for textile, apparel and leather	616	567	472	616	567	472	10.2	9.4	7.3	8.6	146.7	139.7	104.3	128.9
2927 Weapons and ammunition	13	14	16	13	14	16	0.1	0.1	0.1	0.7	1.4	1.6	1.7	13.7
2929 Other special purpose machinery	3507	3015	3462	3507	3015	3462	65.3	60.9	53.0	58.7	1049.1	1014.0	830.8	951.5
2930 Domestic appliances n.e.c.	1046	789	978	1046	789	978	34.4	34.2	28.7	29.9	478.3	466.0	417.4	461.5

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ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees				
	(numbers)				(thousands)				(billion WON)				
	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	
ISIC Industry	Note				Note				Note				
3000 Office, accounting and computing machinery	620	604	571	722		31.4	53.9	41.4	46.1	420.7	910.3	667.5	875.4
3110 Electric motors, generators and transformers	1199	1122	1032	1196		37.5	34.3	32.7	36.3	509.7	501.2	447.6	510.8
3120 Electricity distribution & control apparatus	1604	1487	1243	1506		40.6	37.0	28.5	33.3	569.3	554.9	390.7	479.5
3130 Insulated wire and cable	475	431	386	490		20.9	17.9	15.8	18.1	348.1	297.5	228.0	290.0
3140 Accumulators, primary cells and batteries	45	50	53	64		5.1	4.9	4.9	5.6	82.5	76.6	76.6	97.7
3150 Lighting equipment and electric lamps	684	684	594	739		14.3	12.6	11.4	12.9	164.2	158.9	141.1	164.1
3190 Other electrical equipment n.e.c.	576	611	503	602		18.1	17.6	13.4	21.0	219.6	230.0	169.0	310.5
3210 Electronic valves, tubes, etc.	1441	1329	1109	1350		138.0	138.9	138.4	145.3	2193.7	2245.7	2396.4	2743.6
3220 TV/radio transmitters; line comm. apparatus	726	732	732	1103		36.1	39.2	38.6	48.8	513.7	557.8	605.3	765.1
3230 TV and radio receivers and associated goods	1406	1177	988	968		95.1	60.6	42.6	41.0	1373.7	845.2	552.8	575.2
3311 Medical, measuring, testing appliances, etc.	1140	1140	1100	1255		29.0	27.0	25.0	25.1	392.5	386.0	342.0	346.6
3312 Measuring/testing/navigating appliances, etc.	252	262	279	458		6.5	6.3	6.9	8.4	77.3	77.3	84.6	108.9
3313 Industrial process control equipment	692	673	639	663		16.7	15.3	13.7	14.1	216.8	217.5	185.8	198.2
3320 Optical instruments & photographic equipment	195	205	182	134		5.8	5.4	4.5	2.6	98.4	91.2	71.6	39.5
3330 Watches and clocks	600	602	505	561		14.2	14.2	10.7	13.0	171.8	198.5	130.2	185.6
3410 Motor vehicles	260	229	174	202		5.2	4.2	4.1	3.8	61.1	56.4	55.9	56.1
3420 Automobile bodies, trailers & semi-trailers	62	51	73	65		102.9	98.1	88.0	81.3	2497.2	2454.7	2047.9	1877.2
3430 Parts/accessories for automobiles	113	103	105	113		6.7	4.9	4.6	4.0	133.8	75.7	71.0	63.8
351 Building and repairing of ships and boats	3187	2929	2426	2833		123.9	118.8	94.2	108.2	1906.4	1920.3	1395.1	1675.2
3511 Building and repairing of ships	670	648	634	695		75.1	75.5	68.7	74.4	1834.4	1749.1	1697.7	1941.1
3512 Building/repairing of pleasure/sport, boats	664	642	629	691		75.1	75.3	68.5	74.2	1833.4	1747.4	1695.2	1938.7
3520 Railway/tramway locomotives & rolling stock	6	6	5	4		0.1	0.2	0.2	0.2	1.0	1.7	2.5	2.4
3530 Aircraft and spacecraft	143	127	124	117		5.7	8.8	8.7	8.0	90.9	173.1	181.4	152.0
3591 Transport equipment n.e.c.	40	40	41	40		5.1	6.1	6.9	6.8	131.7	131.9	174.5	110.2
3592 Motorcycles	192	175	137	180		6.3	4.7	4.2	4.2	85.4	67.9	54.1	61.3
3593 Bicycles and invalid carriages	97	100	75	99		4.3	3.1	2.8	3.0	60.1	45.9	37.1	45.7
3599 Other transport equipment n.e.c.	45	37	1.1	37		1.3	1.1	1.1	1.0	17.7	14.7	12.6	13.7
3610 Furniture	50	38	21	14		0.6	0.5	0.3	0.1	7.6	6.8	4.4	1.8
369 Manufacturing n.e.c.	3173	2749	2017	2431		49.2	40.5	29.8	33.5	635.0	565.8	377.1	432.9
3691 Jewellery and related articles	2823	2774	2294	2568		50.1	45.4	40.8	43.6	604.3	578.3	508.9	563.7
3692 Musical instruments	207	197	203	203		3.0	2.3	2.4	3.0	36.1	26.0	25.8	34.5
3693 Sports goods	180	171	146	172		9.6	7.8	7.6	7.3	140.1	111.7	113.5	115.7
3694 Games and toys	481	481	390	412		10.4	9.4	8.3	8.0	120.5	115.4	100.5	97.8
3699 Other manufacturing n.e.c.	373	352	298	322		5.4	5.1	4.3	6.2	61.3	63.6	51.9	77.4
3710 Recycling of metal waste and scrap	1582	1573	1287	1459		21.7	20.9	18.3	19.1	246.4	217.3	217.3	238.3
3720 Recycling of non-metal waste and scrap	98	107	111	127		1.6	1.6	1.6	1.9	22.5	27.0	24.7	30.1
D Total manufacturing	97144	92138	79544	91156		2812.1	2618.8	2258.4	2432.3	42329.2	41489.2	34693.7	38999.7

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ISIC Industry	Output in producers' prices (billion WON)			Value added in producers' prices (billion WON)			Gross fixed capital formation (billion WON)		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
	Note			Note			Note		
151 Processed meat, fish, fruit, vegetables, fats	5911	6151	6891	7711	2204	2354	409	2781	424
1511 Processing/preserving of meat	2605	2850	3165	7711	2204	2354	234	1339	238
1512 Processing/preserving of fish	1883	1841	1858	1886	718	1015	98	761	110
1513 Processing/preserving of fruit & vegetables	713	739	731	791	304	319	37	330	43
1514 Vegetable and animal oils and fats	710	721	1137	1291	176	252	40	351	33
1520 Dairy products	3518	3520	3728	3468	1407	1499	134	1389	127
153 Grain mill products	8351	8351	8574	8574	2181	2232	448	2492	177
1531 Grain mill products	2683	3053	3433	3879	679	802	217	849	117
1532 Starches and starch products	627	709	864	797	235	348	90	337	50
1533 Prepared animal feeds	4206	4589	4422	3899	1158	1082	141	1305	106
154 Other food products	7866	8399	9824	10060	3967	4335	755	4852	742
1541 Bakery products	1797	1905	2010	1931	1056	1034	173	1035	138
1542 Sugar	447	423	888	750	162	231	59	311	8
1543 Cocoa, chocolate and sugar confectionery	889	894	999	1183	471	539	185	576	67
1544 Macaroni, noodles and similar products	1155	1340	1447	1537	540	596	87	685	144
1549 Other food products n.e.c.	3579	3837	4279	4660	1821	1935	253	2245	385
155 Beverages	5047	5005	6410	6410	2848	2635	998	4046	358
1551 Distilling, rectifying & blending of spirits	1232	1278	1503	1818	631	802	97	1052	72
1552 Wines	237	277	328	291	184	209	14	170	13
1553 Malt liquors and malt	1136	1088	949	2006	673	586	458	1645	189
1554 Soft drinks; mineral waters	2441	2361	2111	2296	1369	1039	429	1179	85
1600 Tobacco products	4049	4195	3728	3314	3051	2661	143	2193	83
171 Spinning, weaving and finishing of textiles	14635	15565	16452	17431	6505	6894	1536	7906	1293
1711 Textile fibre preparation; textile weaving	10325	11186	11887	12386	4451	4354	1336	5232	973
1712 Finishing of textiles	4310	4379	4565	5045	2151	2175	302	1819	319
172 Other textiles	3387	3307	3576	4118	1398	1651	127	1337	137
1721 Made-up textile articles, except apparel	2025	1922	1945	2183	847	779	935	935	13
1722 Carpets and rugs	111	110	89	101	56	35	13	47	4
1723 Cordage, rope, twine and netting	315	312	338	361	159	163	21	169	19
1729 Other textiles n.e.c.	926	962	1204	1473	425	591	141	667	195
1730 Knitted and crocheted fabrics and articles	2316	2442	3155	3387	1075	1217	121	1337	301
1810 Wearing apparel, except fur apparel	9841	9963	6928	7595	4989	3449	173	3737	235
1820 Dressing & dyeing of fur; processing of fur	535	351	282	244	206	135	3	106	5
191 Tanning, dressing and processing of leather	2863	2853	3149	3087	927	1034	61	954	121
1911 Tanning and dressing of leather	1889	1959	2059	1918	533	583	46	517	84
1912 Luggage, handbags, etc.; saddlery & harness	975	895	1090	1169	394	451	15	437	37
1920 Footwear	2683	2255	1980	2290	1393	901	57	1038	90
2010 Sawmilling and planing of wood	1215	1000	744	876	529	294	26	339	44
202 Products of wood, cork, straw, etc.	2057	1831	1831	2213	837	815	275	912	237
2021 Veneer sheets, plywood, particle board, etc.	1021	1246	916	1161	359	406	251	477	192
2022 Builders' carpentry and joinery	560	545	457	506	250	211	9	199	20
2023 Wooden containers	251	325	318	382	113	125	6	158	18
2029 Other wood products; articles of cork/straw	214	204	140	164	116	73	6	78	7
210 Paper and paper products	9934	10247	10402	11747	4040	4348	1672	4580	1209
2101 Pulp, paper and paperboard	5209	5408	5590	6760	2104	2342	1085	2609	790
2102 Corrugated paper and paperboard	2584	2501	2563	2879	995	989	208	1057	205
2109 Other articles of paper and paperboard	2142	2338	2249	2109	940	1018	379	903	214
221 Publishing of books and other publications	5529	5132	4673	5611	3398	2865	594	3595	579
2211 Publishing of newspapers, journals, etc.	1617	1805	1713	2069	923	946	92	1323	113
2212 Publishing of newspapers, journals, etc.	3412	2894	2683	3149	2135	1764	445	2022	412
2213 Publishing of recorded media	67	57	39	88	63	22	5	50	4
2219 Other publishing	94	365	239	305	277	133	51	200	50

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ISIC Industry	Output in producers' prices (billion WON)				Value added in producers' prices (billion WON)				Gross fixed capital formation (billion WON)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
222 Printing and related service activities		2353	2509	2085	2505		1283	1322	1133	1338
2221 Printing		1941	2134	1713	1921		1010	1078	906	995
2222 Service activities related to printing		412	375	372	584		274	244	227	339
2230 Reproduction of recorded media		222	225	178	252		112	115	118	153
2310 Coke oven products		31	30	13	31		18	24	4	..
2320 Refined petroleum products		20956	27902	29920	30407		5059	7958	7377	7692
2330 Processing of nuclear fuel		59	106	116	..		32	59	67	..
241 Basic chemicals		17890	21566	25920	26339		7174	7975	9528	9537
2411 Basic chemicals, except fertilizers		8770	10173	13716	13986		3839	3919	5271	5152
2412 Fertilizers and nitrogen compounds		1154	1142	1268	1152		500	537	522	516
2413 Plastics in primary forms; synthetic rubber		7966	10250	10936	11230		2836	3519	3734	3869
242 Other chemicals		13813	15117	16080	15415		7145	7847	8686	7817
2421 Pesticides and other agro-chemical products		764	929	1105	1084		326	382	505	478
2422 Paints, varnishes, printing ink and mastics		2037	2031	1827	2330		785	728	648	949
2423 Pharmaceuticals, medicinal chemicals, etc.		4576	4929	5705	5250		2802	3033	3648	2907
2424 Soap, cleaning & cosmetic preparations, etc.		3483	3991	3989	3212		1793	2294	2334	1880
2429 Other chemical products n. e. c.		2954	3238	3454	3539		1439	1411	1550	1603
2430 Man-made fibres		4211	4999	4989	4524		1770	1967	2062	1670
251 Rubber products		4024	4046	4696	4712		2039	1899	2196	2218
2511 Rubber tyres and tubes		2507	2419	3124	2682		1274	1071	1476	1316
2519 Other rubber products		1517	1627	1572	2030		765	828	719	902
2520 Plastic products		10872	11176	10760	14683		4640	4712	4656	6172
2610 Glass and glass products		2994	3029	3268	3600		1727	1689	1867	2121
269 Non-metallic mineral products n. e. c.		13416	14005	11251	11964		6285	6314	5120	5768
2691 Pottery, china and earthenware		561	576	600	468		364	340	209	292
2692 Refractory ceramic products		559	576	600	619		267	264	305	45
2693 Struct. non-refractory clay; ceramic products		452	488	307	331		274	285	274	37
2694 Cement, lime and plaster		2744	2902	2299	2708		1500	1475	1139	1609
2695 Articles of concrete, cement and plaster		7234	7496	5987	6007		2927	2975	2500	2465
2696 Cutting, shaping & finishing of stone		598	745	452	446		381	388	251	259
2699 Other non-metallic mineral products n. e. c.		1166	1270	1269	1384		573	587	581	649
2710 Basic iron and steel		24602	26221	29623	29256		8553	8768	10358	10321
2720 Basic precious and non-ferrous metals		6619	7700	8124	8531		1740	1911	3087	2158
273 Casting of metals		1307	1283	1098	1483		650	581	513	86
2731 Casting of iron and steel		1065	1024	916	1187		564	492	440	613
2732 Casting of non-ferrous metals		242	258	182	297		86	89	74	132
281 Struct. metal products; tanks; steam generators		11110	10970	8069	8011		4964	4639	3702	3123
2811 Structural metal products		9728	9944	6996	5501		4395	4187	3166	2289
2812 Tanks, reservoirs and containers of metal		954	851	724	685		428	375	317	306
2813 Steam generators		428	175	348	1825		141	76	200	547
289 Other metal products; metal working services		9077	9002	8072	10157		4534	4366	4103	4864
2891 Metal forging/pressing/stamping/roll-forming		1563	1647	1408	2227		693	709	615	931
2892 Treatment & coating of metals		1680	1708	1354	1757		1064	1055	872	1083
2893 Cutlery, hand tools and general hardware		1701	1615	1589	1697		856	786	869	840
2899 Other fabricated metal products n. e. c.		4133	4032	3721	4476		1922	1816	1748	2011
291 General purpose machinery		15522	15885	11068	14722		6795	6392	4938	5618
2911 Engines & turbines (not for transport equip.)		476	876	456	514		220	372	205	231
2912 Pumps, compressors, taps and valves		2654	2614	2248	2878		1252	1130	1070	1321
2913 Bearings, gears, gearing & driving elements		1254	718	718	1210		624	542	392	632
2914 Ovens, furnaces and furnace burners		368	356	207	317		160	149	99	126
2915 Lifting and handling equipment		3457	3289	2119	2848		1402	1457	991	1090
2919 Other general purpose machinery		7313	7326	5319	6955		3137	2842	2182	3218

292 Special purpose machinery	14735	15131	11293	12970	6386	6379	5127	5786	1361	1026
2921 Agricultural and forestry machinery	1762	1585	1513	1815	724	674	577	1773	102	67
2922 Machine tools	2146	2531	1899	2564	1069	1026	824	1025	115	213
2923 Machinery for metallurgy	104	109	59	138	47	46	25	61	2	8
2924 Machinery for mining & construction	2682	3111	1581	1036	1044	1191	710	459	610	75
2925 Food/beverage/tobacco processing machinery	325	302	232	256	151	142	117	109	9	6
2926 Machinery for textile, apparel and leather	907	965	709	982	423	428	324	454	36	56
2927 Weapons and ammunition	5	6	8	57	3	4	4	36	4	4
2929 Other special purpose machinery	6805	6532	5292	6123	2925	2868	2545	2868	484	596
2930 Domestic appliances n.e.c.	4294	4854	5183	5183	1585	1995	1984	1916	251	404
3000 Office, accounting and computing machinery	6118	13313	13029	18734	2117	4266	3430	5677	514	854
3110 Electric motors, generators and transformers	3857	3736	3640	5005	1512	1497	1472	1770	273	179
3120 Electricity distribution & control apparatus	4287	4170	3206	3981	1863	1766	1360	1631	293	222
3130 Insulated wire and cable	4775	4100	4944	4944	1527	1345	1506	1833	253	209
3140 Accumulators, primary cells and batteries	657	856	953	1039	265	352	365	367	88	68
3150 Lighting equipment and electric lamps	1075	1054	976	1172	506	488	462	530	55	65
3190 Other electrical equipment n.e.c.	1584	1711	1324	2748	725	733	600	1208	67	176
3210 Electronic valves, tubes, etc.	24551	24422	32542	37890	16454	13988	18738	23083	8834	10608
3220 TV/radio transmitters; line comm. apparatus	6511	11866	13822	18050	2811	5562	5110	7224	417	693
3230 TV and radio receivers and associated goods	16118	8684	6533	6834	6977	3463	2167	2171	302	337
331 Medical, measuring, testing appliances, etc.	2659	2798	2511	2779	1189	1219	1144	1304	192	185
3311 Medical, surgical and orthopaedic equipment	415	534	614	903	222	289	312	447	80	69
3312 Measuring/testing/navigating appliances, etc.	1440	1562	1341	1609	618	650	583	749	103	103
3313 Industrial process control equipment	804	701	556	267	281	250	108	108	9	13
3320 Optical instruments & photographic equipment	1044	1508	1000	1250	509	672	467	551	696	106
3330 Watches and clocks	437	498	498	407	208	163	163	187	8	15
3410 Motor vehicles	25558	29084	21133	29700	8800	11719	7858	11082	5388	3037
3420 Automobile bodies, trailers & semi-trailers	1267	714	887	864	416	283	361	237	41	28
3430 Parts/accessories for automobiles	14030	14384	10767	15205	5941	5788	4496	6113	1722	1571
351 Building and repairing of ships and boats	10539	13741	15732	15601	4628	5912	6930	7262	2426	713
3511 Building and repairing of ships	10534	13730	15721	15590	4626	5905	6924	7255	2426	712
3512 Building/repairing of pleasure/sport. boats	5	11	11	11	2	7	6	7	-	2
3520 Railway/tramway locomotives & rolling stock	738	1594	1258	1027	203	713	445	366	314	201
3530 Aircraft and spacecraft	660	984	1376	754	314	357	384	399	805	309
359 Transport equipment n.e.c.	682	678	483	656	256	242	174	254	46	19
3591 Motorcycles	518	511	341	509	196	180	95	175	36	16
3592 Bicycles and invalid carriages	117	117	108	131	39	40	63	73	3	1
3599 Other transport equipment n.e.c.	47	50	33	17	20	22	16	7	7	2
3610 Furniture	3844	3698	2691	3507	1872	1706	1249	1445	148	185
369 Manufacturing n.e.c.	3435	3402	3554	1697	1679	1587	1691	1766	228	283
3691 Jewellery and related articles	228	155	264	297	90	88	88	111	7	9
3692 Musical instruments	584	516	521	532	305	268	279	269	96	82
3693 Sports goods	759	771	734	625	353	346	360	315	20	36
3694 Games and toys	374	433	388	685	192	203	185	308	15	33
3699 Other manufacturing n.e.c.	1491	1528	1648	1722	738	705	779	764	90	123
3710 Recycling of metal waste and scrap	438	544	567	501	160	156	138	138	19	30
3720 Recycling of non-metal waste and scrap	76	128	171	245	43	70	86	109	34	15
D Total manufacturing	401953	434895	425007	479733	174215	181085	176730	200935	53459	48218

Republic of Korea

ISIC Industry	Index numbers of industrial production (1990=100)												
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	Note												
15 Food and beverages	88	94	100	109	111	113	122	123	129	127	115	126	
16 Tobacco products	94	94	100	101	105	107	102	99	106	108	113	108	
17 Textiles	104	101	100	98	95	86	86	84	78	72	65	69	
18 Wearing apparel, fur	109	103	100	95	86	73	77	79	80	63	45	50	
19 Leather, leather products and footwear	108	93	100	93	87	66	56	47	41	34	24	24	
20 Wood products (excl. furniture)	94	96	100	108	103	86	88	87	87	88	55	69	
21 Paper and paper products	90	95	100	104	110	119	134	143	151	157	138	154	
22 Printing and publishing	78	92	100	103	115	111	121	140	139	133	109	106	
23 Coke, refined petroleum products, nuclear fuel	81	94	100	129	164	179	184	208	244	297	266	290	
24 Chemicals and chemical products	80	87	100	116	138	152	165	176	197	221	214	236	
25 Rubber and plastics products	98	96	100	108	115	120	130	136	144	147	116	137	
26 Non-metallic mineral products	84	93	100	116	124	125	134	142	151	153	118	126	
27 Basic metals	82	89	100	111	116	129	140	154	163	172	151	173	
28 Fabricated metal products	91	93	100	108	103	102	118	134	140	136	108	114	
29 Machinery and equipment n.e.c.	89	90	100	111	108	114	134	157	165	161	114	141	
30 Office, accounting and computing machinery	75	89	100	105	112	140	190	265	334	398	406	839	
31 Electrical machinery and apparatus	83	83	100	108	116	121	137	161	170	170	127	162	
32 Radio, television and communication equipment	92	92	100	115	125	136	167	218	269	329	448	657	
33 Medical, precision and optical instruments	114	104	100	106	106	118	136	153	153	144	119	137	
34 Motor vehicles, trailers, semi-trailers	71	81	100	115	132	153	183	215	242	240	159	243	
35 Other transport equipment	99	90	100	118	147	136	148	171	205	238	332	357	
36 Furniture, manufacturing n.e.c.	108	102	100	102	94	88	86	86	82	75	67	79	
37 Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D Total manufacturing	89	92	100	110	116	121	134	151	163	170	159	199	

REPUBLIC OF MOLDOVA

<p>Supplier of information: Department of Statistical and Sociological Analysis of the Republic of Moldova, Chisinau.</p> <p>Basic source of data: Not reported.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: All self-sustained establishments. Data exclude the area of the left bank of the Dniester and the town of Bender.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications:</p>
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Republic of Moldova

ISIC Industry	Number of establishments (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (thousand LEI)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999		1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		34	35	37	...		20887	18988	16582	13855		48400	55548	44214	45502
1511 Processing/preserving of meat		10	8	10	...		...	5169	4474	3095		...	22269	17317	15945
1512 Processing/preserving of fish		21		...	...	...	64
1513 Processing/preserving of fruit & vegetables		22	25	25	...		...	12417	10756	9513		...	28508	22600	24645
1514 Vegetable and animal oils and fats		22	22	23	...		...	1402	1352	1225		...	4670	4298	4847
1520 Dairy products		22	22	23	...		2651	2521	1989	1980		11037	11432	10947	12014
153 Grain mill products; starches; animal feeds		14	14	14	...		6850	6885	6216	4609		23633	20263	20903	15922
1531 Grain mill products		7	7	7	...		...	...	...	...		...	...	...	...
1532 Starches and starch products		7	7	7	...		...	...	...	...		...	...	...	...
1533 Prepared animal feeds		17	18	18	...		15432	15925	14277	12545		65187	76046	74678	73164
154 Other food products		6	6	6	...		...	7867	6573	5853		...	41507	42464	42052
1541 Bakery products		9	9	9	...		...	5788	5477	4766		...	23805	22344	21881
1542 Sugar		1	2	2	...		...	1848	1680	1597		...	8986	8105	7417
1543 Cocoa, chocolate and sugar confectionery		89	...	66		...	114	...	172
1544 Macaroni, noodles & similar products		1	1	1	...		...	333	367	263		...	1634	1766	1642
1549 Other food products n.e.c.		101	104	106	...		14183	13574	13848	13100		54510	64063	62387	61643
155 Beverages		3	3	2	...		...	...	...	...		...	...	...	...
1551 Distilling, rectifying & blending of spirits		93	96	100	...		...	11207	12045	11044		...	53182	51099	46739
1552 Wines		4	4	3	...		...	...	...	...		...	...	...	...
1553 Malt liquors and malt		1	1	1	...		...	...	...	...		...	...	...	...
1554 Soft drinks; mineral waters		8	8	8	...		2306	2267	2247	2422		18909	19005	19331	29308
1600 Tobacco products	
171 Spinning, weaving and finishing of textiles	
1711 Textile fibre preparation; textile weaving	
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		4	4	4	...		...	...	...	...		...	...	...	...
1729 Other textiles n.e.c.		3	4	4	...		...	...	...	...		...	...	...	...
1730 Knitted and crocheted fabrics and articles		21	20	20	...		...	...	...	...		...	...	...	...
1810 Wearing apparel, except fur apparel		1	1	1	...		...	...	...	...		...	...	...	...
1820 Dressing & dyeing of fur; processing of fur		3	3	3	...		...	...	...	...		...	...	...	...
191 Tanning, dressing and processing of leather		1	1	1	...		...	...	...	...		...	...	...	...
1911 Tanning and dressing of leather		3	3	3	...		...	...	...	...		...	...	...	...
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.		8	7	7	...		...	...	...	...		...	...	...	...
2022 Builders' carpentry and joinery		2	3	3	...		...	...	...	...		...	...	...	...
2023 Wooden containers	
2029 Other wood products; articles of cork/straw		6	4	4	...		2027	1274	1227	1072		8003	4669	5638	4966
210 Paper and paper products		4	4	4	...		...	...	...	...		...	...	...	...
2101 Pulp, paper and paperboard		4	4	4	...		...	...	...	...		...	...	...	...
2102 Corrugated paper and paperboard		2	2	2	...		...	...	...	...		...	...	...	...
2109 Other articles of paper and paperboard	
221 Publishing		1	1	2	...		...	...	...	...		...	...	...	...
2211 Publishing of books and other publications	
2212 Publishing of newspapers, journals, etc.	
2213 Publishing of recorded media	
2219 Other publishing		1	1	2	...		...	...	...	...		...	...	...	...

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)									
		1996	1997	1998		1999	1996	1997		1998	1999	1996	1997	1998	1999				
ISIC Industry																			
3000 Office, accounting and computing machinery		2	2	2	...														
3110 Electric motors, generators and control transformers		1	1	1	...														
3120 Electricity distribution & control apparatus		-	-	-	...														
3130 Insulated wire and cable		-	-	-	...														
3140 Accumulators, primary cells and batteries		1	2	2	...														
3150 Lighting equipment and electric lamps		8	7	7	...														
3190 Other electrical equipment n.e.c.		-	-	-	...														
3210 Electronic valves, tubes, etc.		6	6	6	...														
3220 TV/radio transmitters; line comm. apparatus		6	6	6	...														
3230 TV and radio receivers and associated goods		6	6	6	...														
331 Medical, measuring, testing appliances, etc.		4	4	4	...														
3311 Medical, surgical and orthopaedic equipment		2	2	2	...														
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		1	1	1	...														
359 Transport equipment n.e.c.		1	1	1	...														
3591 Motorcycles		1	1	1	...														
3592 Bicycles and invalid carriages		1	1	1	...														
3599 Other transport equipment n.e.c.		9	9	9	...														
3610 Furniture		2	3	3	...														
369 Manufacturing n.e.c.		1	1	1	...														
3691 Jewellery and related articles		-	-	-	...														
3692 Musical instruments		-	-	-	...														
3693 Sports goods		-	-	-	...														
3694 Games and toys		1	2	2	...														
3699 Other manufacturing n.e.c.		-	-	-	...														
3710 Recycling of metal waste and scrap		-	-	-	...														
3720 Recycling of non-metal waste and scrap		-	-	-	...														
D Total manufacturing		421	427	431	...	161214	145467	128465	111258	Note	417239	453074	437283	458914					

ISIC Industry	Output in producers' prices (thousand LEI)				Value added (thousand LEI)				Gross fixed capital formation (thousand LEI)				
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1997	1998
		1999	1998	1997	1996		1999	1998	1997	1996		1999	
ISIC Industry	Note					Note					Note		
151 Processed meat, fish, fruit, vegetables, fats		675549	781010	536166	672528								
1511 Processing/preserving of meat		330345	336240	204275	276444								
1512 Processing/preserving of fish		6168	6351	6556	7439								
1513 Processing/preserving of fruit & vegetables		296578	402760	287709	343667								
1514 Vegetable and animal oils and fats		42458	35659	37626	44978								
1520 Dairy products		137368	154920	181692	203883								
153 Grain mill products, starches, animal feeds		368284	353049	297878	205093								
1531 Grain mill products		265115	294780	261719	175011								
1532 Starches and starch products		-	-	-	-								
1533 Prepared animal feeds		103169	58268	36159	30082								
154 Other food products		654149	696640	592023	714257								
1541 Bakery products		282536	335490	286377	310018								
1542 Sugar		287510	275705	221248	297728								
1543 Cocoa, chocolate and sugar confectionery		75251	76201	71679	79616								
1544 Macaroni, noodles & similar products		65	424	1184	8567								
1549 Other food products n.e.c.		8787	8820	9535	18328								
155 Beverages		708291	987300	1042843	1004387								
1551 Distilling, rectifying & blending of spirits		62697	75478	84018	95199								
1552 Wines		587234	839699	868207	784392								
1553 Malt liquors and malt		39847	51749	61755	87276								
1554 Soft drinks; mineral waters		18513	20374	28863	37520								
1600 Tobacco products		246587	237102	235556	423584								
171 Spinning, weaving and finishing of textiles		-	4814	5344	10998								
1711 Textile fibre preparation; textile weaving		-	4814	5344	10998								
1712 Finishing of textiles		-	-	-	-								
172 Other textiles		90756	76260	59275	66089								
1721 Made-up textile articles, except apparel		4416	1700	593	1288								
1722 Carpets and rugs		79017	69601	55234	61032								
1723 Cordage, rope, twine and netting		-	-	-	-								
1729 Other textiles n.e.c.		7323	4959	3448	3769								
1730 Knitted and crocheted fabrics and articles		23096	27304	21961	45380								
1810 Wearing apparel, except fur apparel		55685	46278	54399	103577								
1820 Dressing & dyeing of fur; processing of fur		16729	16342	9957	7687								
191 Tanning, dressing and processing of leather		51098	60167	43010	46554								
1911 Tanning and dressing of leather		48451	57489	36852	30126								
1912 Luggage, handbags, etc.; saddlery & harness		2647	2678	6158	16428								
1920 Footwear		28027	36400	25991	33039								
2010 Sawmilling and planing of wood		13182	6421	4845	3848								
202 Products of wood, cork, straw, etc.		17076	19168	16725	24623								
2021 Veneer sheets, plywood, particle board, etc.		-	14	19	-								
2022 Builders' carpentry and joinery		13967	12986	9927	13391								
2023 Wooden containers		2471	2312	1918	2378								
2029 Other wood products; articles of cork/straw		638	3856	4861	8854								
210 Paper and paper products		82069	68644	58570	33853								
2101 Pulp, paper and paperboard		-	-	-	-								
2102 Corrugated paper and paperboard		55047	67874	57348	31787								
2109 Other articles of paper and paperboard		27022	770	1222	2066								
221 Publishing of books and other publications		-	3773	4393	8182								
2211 Publishing of newspapers, journals, etc.		-	-	345	1709								
2212 Publishing of recorded media		-	-	-	-								
2213 Publishing of recorded media		-	-	-	-								
2219 Other publishing		-	3773	4048	6473								

continued

Republic of Moldova

ISIC Industry	Output in producers' prices				Value added				Gross fixed capital formation				
	(thousand LEI)				(thousand LEI)				(thousand LEI)				
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1997	1998
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1997	1998
222 Printing and related service activities		21734	53586	61602	76639		...	...	...	...		...	...
2221 Printing		21734	45779	54616	67810		...	...	...	...		...	...
2222 Service activities related to printing		-	7807	6986	8829		...	...	...	...		...	...
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	109110		...	...	...	...		...	...
2421 Pesticides and other agro-chemical products		1209	1936	1681	1589		...	...	...	...		...	...
2422 Paints, varnishes, printing ink and mastics		18474	25230	36319	75136		...	...	...	...		...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		19116	9565	11538	27888		...	...	...	...		...	...
2424 Soap cleaning & cosmetic preparations		780	1238	1466	4497		...	...	...	...		...	...
2429 Other chemical products n.e.c.		-	-	-	-		...	...	...	...		...	...
2430 Man-made fibres		-	-	-	-		...	...	...	...		...	...
251 Rubber products		1780	956	955	1241		...	...	...	...		...	...
2511 Rubber tyres and tubes		1780	869	734	976		...	...	...	...		...	...
2519 Other rubber products		11929	17972	18726	28396		...	...	...	...		...	...
2520 Plastic products		100050	128012	153808	207865		...	...	...	...		...	...
2520 Glass and glass products		146358	187301	157245	190056		...	...	...	...		...	...
2520 Non-metallic mineral products n.e.c.		1369	1255	516	874		...	...	...	...		...	...
2691 Pottery, china and earthenware		24151	25998	25349	38470		...	...	...	...		...	...
2692 Refractory ceramic products		11520	31327	27430	42803		...	...	...	...		...	...
2693 Struct.non-refractory clay; ceramic products		95110	118000	93391	98863		...	...	...	...		...	...
2694 Cement, lime and plaster		14208	10676	10559	11125		...	...	...	...		...	...
2695 Articles of concrete, cement and plaster		-	45	-	921		...	...	...	...		...	...
2696 Cutting, shaping & finishing of stone		-	-	-	-		...	...	...	...		...	...
2699 Other non-metallic mineral products n.e.c.		27	...	-	-		...	...	...	...		...	...
2710 Basic iron and steel		6741	6655	6453	9814		...	...	...	...		...	...
2720 Basic precious and non-ferrous metals		4071	5457	4598	4709		...	...	...	...		...	...
273 Casting of metals		2670	1198	1855	5105		...	...	...	...		...	...
2731 Casting of iron and steel		9298	15437	12797	22301		...	...	...	...		...	...
2732 Casting of non-ferrous metals		9298	15437	12797	22301		...	...	...	...		...	...
281 Struct.metall products;tanks;steam generators		22310	26096	31266	41971		...	...	...	...		...	...
2811 Structural metal products		3947	4155	5313	5313		...	...	...	...		...	...
2812 Tanks, reservoirs and containers of metal		4702	2209	5564	6197		...	...	...	...		...	...
2813 Steam generators		17608	19940	19582	29581		...	...	...	...		...	...
289 Other metal products; metal working services		69924	49984	45889	55524		...	...	...	...		...	...
2891 Metal forging/pressing/stamping/roll-forming		11870	9813	7848	7848		...	...	...	...		...	...
2892 Treatment & coating of metals		51678	35753	32336	42584		...	...	...	...		...	...
2893 Cutlery, hand tools and general hardware		1160	1605	1755	1855		...	...	...	...		...	...
2899 Other fabricated metal products n.e.c.		2064	2132	1426	1549		...	...	...	...		...	...
291 General purpose machinery		3152	681	441	1688		...	...	...	...		...	...
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	122850	141705	129603	83264	...	...	...	...
2921 Agricultural and forestry machinery	88038	101445	93456	41778	...	...	...	...
2922 Machine tools	6481	4111	3056	10533	...	...	...	...
2923 Machinery for metallurgy					...	...	...	...
2924 Machinery for mining & construction	5493	4441	3887	1707	...	...	...	...
2925 Food/beverage/tobacco processing machinery	13513	7412	10665	11648	...	...	...	...
2926 Machinery for textile, apparel and leather	9	3195	2530	2100	...	...	...	...
2927 Weapons and ammunition					...	...	...	...
2929 Other special purpose machinery	9396	21101	16609	15498	...	...	...	...
2930 Domestic appliances n.e.c.	33821	35001	33283	25895	...	...	...	...
3000 Office, accounting and computing machinery	4114	9984	4803	12380	...	...	...	...
3110 Electric motors, generators and transformers	4737	845	353	230	...	...	...	...
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	11342	...	...	...	...
3190 Other electrical equipment n.e.c.	6218	7288	7044	9240	...	...	...	...
3210 Electronic valves, tubes, etc.					...	...	...	...
3220 TV/radio transmitters; line comm. apparatus					...	...	...	...
3230 TV and radio receivers and associated goods	50640	30615	14465	10385	...	...	...	...
3311 Medical, measuring, testing appliances, etc.	28152	16989	29406	63544	...	...	...	...
3312 Measuring/testing/navigating equipment	2984	2086	1978	2828	...	...	...	...
3313 Industrial process control equipment	23780	14383	24148	58399	...	...	...	...
3320 Optical instruments & photographic equipment	801	540	1388	3280	...	...	...	...
3330 Watches and clocks		1415	1661	1557	...	...	...	...
3410 Motor vehicles					...	...	...	...
3420 Automobile bodies, trailers & semi-trailers					...	...	...	...
3430 Parts/accessories for automobiles	317	13319	23518	7613	...	...	...	...
3511 Building and repairing of ships and boats					...	...	...	...
3512 Building and repairing of ships					...	...	...	...
3520 Railway/tramway locomotives & rolling stock	3575	1967	1742	604	...	...	...	...
3530 Aircraft and spacecraft	2015	414	1186	888	...	...	...	...
3591 Motorcycles					...	...	...	...
3592 Bicycles and invalid carriages					...	...	...	...
3599 Other transport equipment n.e.c.	2015	414	1186	888	...	...	...	...
3610 Furniture	73907	62532	44924	56731	...	...	...	...
3691 Jewellery and related articles	30352	25339	9898	11490	...	...	...	...
3692 Musical instruments	13616	3479	3985	7010	...	...	...	...
3693 Sports goods					...	...	...	...
3694 Games and toys	36	34	205	276	...	...	...	...
3699 Other manufacturing n.e.c.	16700	52	5685	4204	...	...	...	...
3710 Recycling of metal waste and scrap					...	...	...	...
3720 Recycling of non-metal waste and scrap					...	...	...	...
D Total manufacturing	3970562	4458862	4044557	4668939	1639239	1634997	1275689	1613004

ROMANIA

<p>Supplier of information: National Commission for Statistics, Bucharest.</p> <p>Basic source of data: Statistical reports on industrial production.</p> <p>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.</p> <p>Reference period (if not calendar year):</p> <p>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.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: Figures for <u>wages and salaries</u> were computed by UNIDO from reported wages and salaries per employee.</p> <p>Related national publications: Anuarul Statistic al Romaniei, published by the National Commission for Statistics, Bucharest.</p>
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Romania

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees										
	Note	(numbers)			Note	(thousands)			Note	(billion LEI)									
		1996	1997	1998		1999	1996	1997		1998	1999	1996	1997	1998	1999				
ISIC Industry																			
3000 Office, accounting and computing machinery		174	271	304	317	p/	91.3	86.8	73.6	61.4	p/	366.8	706.9	951.2	1219.5				
3110 Electric motors, generators and transformers		82	93	100	111	p/	...	...	...	...	p/	...	...	...	...
3120 Electricity distribution & control apparatus		64	65	65	100	p/	...	...	...	...	p/	...	...	...	...
3130 Insulated wire and cable		21	15	15	26	p/	...	...	...	...	p/	...	...	...	...
3140 Accumulators, primary cells and batteries		28	21	21	27	p/	...	...	...	...	p/	...	...	...	...
3150 Lighting equipment and electric lamps		48	65	84	64	p/	...	...	...	...	p/	...	...	...	...
3190 Other electrical equipment n.e.c.		140	189	201	177	p/	...	...	...	...	p/	...	...	...	...
3210 Electronic valves, tubes, etc.		47	66	66	65	p/	...	...	...	...	p/	...	...	...	...
3220 TV/radio transmitters: line comm. apparatus		66	82	74	68	p/	...	...	...	...	p/	...	...	...	...
3230 TV and radio receivers and associated goods		61	72	78	55	p/	...	...	...	...	p/	...	...	...	...
331 Medical, measuring, testing appliances, etc.		196	250	269	311	q/	18.2	19.2	17.8	11.7	q/	69.8	142.8	216.1	224.7				
3311 Medical, surgical and orthopaedic equipment		78	109	118	134		...	...	...	...		...	...	...	...
3312 Measuring/testing/navigating appliances, etc.		50	63	72	85		...	...	...	...		...	...	...	...
3313 Industrial process control equipment		68	78	57	92		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		26	54	57	58	q/	...	...	...	...	q/	...	...	...	...
3330 Watches and clocks		3	2	2	3	q/	...	...	...	...	q/	...	...	...	...
3410 Motor vehicles		10	13	10	10	r/	189.8	180.3	162.0	146.3	r/	858.6	1559.2	2261.5	2906.8				
3420 Automobile bodies, trailers & semi-trailers		24	21	18	28	r/	...	...	...	...	r/	...	...	...	...
3430 Parts/accessories for automobiles		125	156	169	186	r/	...	...	...	...	r/	...	...	...	...
351 Building and repairing of ships and boats		132	172	164	184	r/	...	...	...	...	r/	...	...	...	...
3511 Building and repairing of ships		119	160	152	169		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		13	12	12	15		...	...	...	...		...	...	...	...
3520 Railway/tramway locomotives & rolling stock		27	31	43	43	r/	...	...	...	...	r/	...	...	...	...
3530 Aircraft and spacecraft		7	8	8	8	r/	...	...	...	...	r/	...	...	...	...
359 Transport equipment n.e.c.		10	7	22	12	r/	...	...	...	...	r/	...	...	...	...
3591 Motorcycles		-	-	-	-					
3592 Bicycles and invalid carriages		4	3	15	3		...	...	...	...		...	...	...	...
3599 Other transport equipment n.e.c.		6	4	7	9		...	...	...	...		...	...	...	...
3610 Furniture		1186	1368	1539	1677	s/	148.1	128.6	124.1	101.8	s/	467.4	776.5	1075.8	1370.4				
369 Manufacturing n.e.c.		1568	1333	1321	1316	s/	...	...	...	...	s/	...	...	...	...
3691 Jewellery and related articles		69	115	133	143		...	...	...	...		...	...	...	...
3692 Musical instruments		7	7	7	7		...	...	...	...		...	...	...	...
3693 Sports goods		19	23	23	32		...	...	...	...		...	...	...	...
3694 Games and toys		78	78	78	104		...	...	...	...		...	...	...	...
3699 Other manufacturing n.e.c.		1395	1110	1080	1030		...	...	...	...		...	...	...	...
3710 Recycling of metal waste and scrap		228	367	422	507	t/	6.7	14.6	9.8	5.7	t/	23.9	59.2	120.8	85.9				
3720 Recycling of non-metal waste and scrap		54	59	72	88	t/	...	...	...	...	t/	...	...	...	...
D Total manufacturing		32200	36903	40107	42006		2147.6	2031.4	1907.3	1659.9		8332.8	14752.3	22136.2	27658.8				

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 359.

r/ 3410 includes 3420, 3430, 351, 3520, 3530 and 359.
 s/ 3610 includes 369.
 t/ 3710 includes 3720.

ISIC Industry	Output (billion LEI)			Value added (billion LEI)			Gross fixed capital formation (billion LEI)		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
	Note	Note	Note	Note	Note	Note	Note	Note	Note
151 Processed meat, fish, fruit, vegetables, fats	11062.8	25881.2	33754.5	3472.4	7861.9	10898.8	...	...	...
1511 Processing/preserving of meat	6339.0	13967.6	20470.8	2144.5	4666.4	7112.6	...	...	...
1512 Processing/preserving of fish	109.1	187.6	226.1	43.1	74.2	92.5	...	...	...
1513 Processing/preserving of fruit & vegetables	3052.6	8313.5	9322.2	846.8	2166.6	2618.5	...	...	...
1514 Vegetable and animal oils and fats	1562.1	3412.5	3736.4	378.0	955.7	1075.2	...	...	...
1520 Dairy products	2246.4	6686.0	7308.5	708.0	2112.0	2426.5	...	...	...
153 Grain mill products; starches; animal feeds	2714.9	6234.7	6306.0	6306.0	1474.9	1611.3	...	...	...
1531 Grain mill products	1068.0a/	2392.2a/	2614.7a/	430.0a/	908.0a/	1014.6a/	...	...	...
1532 Starches and starch products	...	...	...	...	...	...	...	...	...
1533 Prepared animal feeds	1646.9	3842.5	3691.3	244.2	566.9	596.7	...	...	...
154 Other food products	4230.4	9178.2	9303.5	1478.6	3178.0	3623.1	...	...	...
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	7632.8	17980.5	19481.0	3023.8	7166.7	7875.5	...	...	...
1551 Distilling, rectifying & blending of spirits	...	...	...	...	...	...	...	...	...
1552 Wines	...	...	...	...	...	...	...	...	...
1553 Malt liquors and malt	...	...	...	...	...	...	...	...	...
1554 Soft drinks; mineral waters	...	...	...	...	...	...	...	...	...
1600 Tobacco products	484.8	2276.9	2985.2	249.9	1141.3	1546.1	...	...	...
171 Spinning, weaving and finishing of textiles	4607.5b/	7294.1b/	8500.3b/	1392.4b/	2184.8b/	2758.7b/	...	...	...
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	3582.0	7895.6	8681.2	1830.4	4038.7	4520.8	...	...	...
1820 Dressing & dyeing of fur; processing of fur	214.0	533.1	621.9	113.7	287.0	334.2	...	...	...
191 Tanning, dressing and processing of leather	1612.3c/	3309.1c/	4111.6c/	543.2c/	1101.1c/	1446.7c/	...	...	...
1911 Tanning and dressing of leather	...	...	...	...	...	...	...	...	...
1912 Luggage, handbags, etc.; saddlery & harness	...	...	...	...	...	...	...	...	...
192 Footwear	...	...	...	...	...	...	...	...	...
2010 Sawmilling and planing of wood	2789.1d/	5149.5d/	5950.2d/	1287.2d/	2369.5d/	2783.4d/	...	...	21.1
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	1308.2	2086.7	2939.0	418.8	638.8	1018.7	...	...	...
2101 Pulp, paper and paperboard	...	...	...	...	...	...	...	...	...
2102 Corrugated paper and paperboard	...	...	...	...	...	...	...	...	...
2109 Other articles of paper and paperboard	...	...	...	...	...	...	...	...	...
221 Publishing of books and other publications	1421.3e/	2664.7e/	3381.8e/	586.4e/	1083.8e/	1418.4e/	...	...	4.9
2212 Publishing of newspapers, journals, etc.	...	...	...	...	...	...	...	...	...
2213 Publishing of recorded media	...	...	...	...	...	...	...	...	...
2219 Other publishing	...	...	...	...	...	...	...	...	...

continued

Romania

ISIC Industry	Output (billion LEI)				Note	Value added (billion LEI)				Note	Gross fixed capital formation (billion LEI)	
	1996	1997	1998	1999		1996	1997	1998	1999		1998	1999
	Note											
ISIC Industry												
222 Printing and related service activities	...	...	...	...		...	...	...	...		...	...
2221 Printing	...	...	...	...		...	...	...	...		...	...
2222 Service activities related to printing	...	...	...	...		...	...	...	...		...	...
2230 Reproduction of recorded media	...	...	...	...		...	...	...	...		...	...
2310 Coke oven products	1149.0	1300.1	1456.3	...		193.8	201.0	278.6	...		...	...
2320 Refined petroleum products	6014.0	15745.6	20665.6	...		520.4	1539.8	4589.4	...		...	...
2330 Processing of nuclear fuel	...	...	...	...		...	...	...	...		...	...
2411 Basic chemicals, except fertilizers	4238.0	8825.1	8746.8	...		628.9	1133.0	1465.8	...		...	...
2412 Fertilizers and nitrogen compounds	...	...	...	...		...	...	...	...		...	...
2413 Plastics in primary forms; synthetic rubber	...	...	...	...		...	...	...	...		...	...
242 Other chemicals	3144.2	4656.0	6374.4	...		1149.3	1844.2	2674.4	...		...	...
2421 Pesticides and other agro-chemical products	861.7	411.4	489.9	...		167.3	92.4	123.4	...		...	...
2422 Paints, varnishes, printing ink and mastics	392.9	753.3	1090.1	...		159.7	301.3	442.5	...		...	...
2423 Pharmaceuticals, medicinal chemicals, etc.	832.6	1423.6	2152.7	...		477.1	781.0	1217.1	...		...	...
2424 Soap, cleaning & cosmetic preparations	481.8	1048.6	1511.2	...		171.4	356.5	528.2	...		...	...
2429 Other chemical products n.e.c.	575.2	1019.1	1130.4	...		173.8	313.0	363.2	...		...	...
2430 Man-made fibres	651.4	1187.1	1125.0	...		161.2	251.1	286.2	...		...	...
251 Rubber products	1314.6	2211.7	2815.4	...		413.7	702.7	965.7	...		...	...
2511 Rubber tyres and tubes	...	...	...	...		...	...	...	...		...	...
2519 Other rubber products	...	...	...	...		...	...	...	...		...	...
2520 Plastic products	838.3	1778.3	2262.8	...		269.1	571.1	830.5	...		...	...
2610 Glass and glass products	718.8	1886.3	2224.1	...		334.0	868.5	1110.2	...		...	...
269 Non-metallic mineral products n.e.c.	3282.5	6597.0	9382.8	...		1262.9	2548.6	3788.9	...		...	...
2691 Pottery, china and earthenware	...	...	...	...		...	...	...	...		...	...
2692 Refractory ceramic products	...	...	...	...		...	...	...	...		...	...
2693 Struct.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	7550.0	16627.1	18279.2	...		1497.3	3231.6	3771.5	...		24.3	...
2720 Basic precious and non-ferrous metals	1991.6	4694.4	5159.1	...		280.4	573.1	757.8	...		...	...
273 Casting of metals	943.1	1711.6	1539.6	...		291.5	529.7	498.1	...		...	...
2731 Casting of iron and steel	...	...	...	...		...	...	...	...		...	...
2732 Casting of non-ferrous metals	...	...	...	...		...	...	...	...		...	...
2811 Structural metal products;tanks;steam generators	3742.7f/	7122.8f/	8879.9f/	...		1456.3f/	2730.1f/	3553.5f/	...		1005.5	...
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	2020.7	3730.5	3787.7	...		629.4	1149.8	1314.9	...		4894.5	...
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	3422.4	5673.7	7260.2	1371.9	2247.4	3272.8	12852.8
2921 Agricultural and forestry machinery	951.5	1214.4	1778.2	359.6	449.0	817.8	1949.3
2922 Machine tools	280.0	575.1	948.6	98.7	200.0	485.6	1141.1
2923 Machinery for metallurgy	2190.9g/	3884.2g/	4533.4g/	913.6g/	1598.4g/	1969.4g/	9762.3
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	707.0	1028.3	1463.6	324.3	457.2	606.9	...
2930 Domestic appliances n.e.c.	...	...	...	...	...	...	...
3000 Office, accounting and computing machinery	411.5	1141.0	1616.4	106.4	305.5	388.7	2744.4
3110 Electric motors, generators and transformers	2201.2h/	4620.5h/	6001.7h/	867.9h/	1832.7h/	2319.8h/	1198.2
3120 Electricity distribution & control apparatus	...	...	...	...	...	...	...
3130 Insulated wire and cable	...	...	...	...	...	...	...
3140 Accumulators, primary cells and batteries	...	...	...	...	...	...	...
3160 Lighting equipment and electric lamps	...	...	...	...	...	...	...
3190 Other electrical equipment n.e.c.	1447.5i/	2318.0i/	3428.8i/	677.6i/	1082.8i/	1642.3i/	1848.7
3210 Electronic valves, tubes, etc.	...	...	...	...	...	...	...
3220 TV/radio transmitters; line comm. apparatus	...	...	...	...	...	...	...
3230 TV and radio receivers and associated goods	481.2j/	933.7j/	1270.3j/	236.1j/	429.5j/	588.2j/	615.6
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	4268.1k/	8373.6k/	10201.4k/	1260.5k/	2437.4k/	2945.0k/	4999.9
3420 Automobile bodies, trailers & semi-trailers	...	...	...	...	...	...	...
3430 Parts/accessories for automobiles	722.0	1894.2	1959.1	261.2	690.3	691.6	390.1
351 Building and repairing of ships and boats	...	...	...	...	...	...	...
3511 Building and repairing of ships	...	...	...	...	...	...	...
3512 Building/repairing of pleasure/sport boats	726.6	1558.4	2490.6	202.5	411.4	668.1	217.6
3520 Railway/tramway locomotives & rolling stock	108.2	309.7	488.4	45.0	131.5	208.8	314.0
3530 Aircraft and spacecraft	61.6	84.6	97.2	37.8	54.4	63.6	6.6
359 Other transport equipment n.e.c.	...	...	...	...	...	...	...
3591 Motorcycles	...	...	...	...	...	...	...
3592 Bicycles and invalid carriages	...	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...	...
3610 Furniture	3108.4	6775.2	8295.9	951.0	2061.3	2979.1	1398.4
369 Jewellery and related articles	530.7	1090.7	1573.4	226.0	469.2	689.2	...
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	99701.8	211046.5	252570.4	31468.5	65123.4	85211.8	32536.7

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 Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
		Note													
15	Food and beverages	114	114	100	83	68	59	67	69	70	59	58	59		
16	Tobacco products	...	118	100	102	102	89	84	89	95	99	111	111		
17	Textiles	119	118	100	87	61	59	59	59	56	49	40	34		
18	Wearing apparel, fur	120	124	100	93	65	62	88	110	137	151	75	89		
19	Leather, leather products and footwear	109	113	100	88	63	61	68	74	76	75	63	63		
20	Wood products (excl. furniture)	123	127	100	79	65	59	49	49	53	49	41	41		
21	Paper and paper products	136	139	100	69	52	47	47	62	64	55	40	44		
22	Printing and publishing	120	118	100	83	84	122	211	264	306	267	86	54		
23	Coke, refined petroleum products, nuclear fuel	132	130	100	64	57	56	65	66	61	59	58	49		
24	Chemicals and chemical products	131	126	100	65	57	59	54	59	52	40	32	31		
25	Rubber and plastics products	...	126	100	75	53	56	45	48	48	38	32	28		
26	Non-metallic mineral products	129	131	100	76	52	88	80	89	98	93	78	75		
27	Basic metals	132	128	100	74	52	55	57	67	62	63	62	43		
28	Fabricated metal products	148	147	100	87	61	56	48	58	36	51	30	31		
29	Machinery and equipment n.e.c.	114	102	100	72	54	55	51	63	78	69	46	36		
30	Office, accounting and computing machinery	...	124	100	63	47	34	37	40	52	28	...	...
31	Electrical machinery and apparatus	95	91	100	75	49	53	81	103	119	132	94	96		
32	Radio, television and communication equipment	...	137	100	100	61	72	144	184	247	256	174	132		
33	Medical, precision and optical instruments	...	138	100	89	63	62	54	73	93	91	62	69		
34	Motor vehicles, trailers, semi-trailers	...	123	100	80	57	70	63	64	108	104	117	125		
35	Other transport equipment	...	130	100	85	67	75	56	68	71	78	87	82		
36	Furniture; manufacturing n.e.c.	...	104	100	99	81	104	116	152	216	210	137	148		
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	137	129	100	76	54	54	56	63	67	63	52	49		

RUSSIAN FEDERATION

<p>Supplier of information: Russian Federation State Committee on Statistics, Moscow.</p> <p>Basic source of data: Not reported</p> <p>Major deviations from ISIC (Revision 2 or Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: For data based on ISIC (Rev.2): All enterprises having independent financial accounts. For data based on ISIC (Rev.3): Not reported</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: For data based on ISIC (Rev.2): Yes. For data based on ISIC (Rev.3): Not reported</p>	<p>Concepts and definitions of variables: Figures for <u>wages and salaries</u> were computed by UNIDO from reported wages and salaries per employee.</p> <p>Related national publications:</p>
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Russian Federation

ISIC Revision 2	Number of enterprises (numbers)			Number of employees (thousands)			Wages and salaries paid to employees (million Roubles)			
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note					Note				
311/2 Food products		2496	3175	3034	21255		1415	1380	1349	1349
3111 Slaughtering, preparing & preserving meat		2838	3016	3371	3342		243	227	236	2506
3112 Dairy products		2335	2582	2766	2938		206	200	176	2274
3113 Canning, preserving of fruits & vegetables		560	671	694	639		57	53	43	302
3114 Canning, preserving and processing of fish		1208	1799	1663	1762		200	174	143	3088
3115 Vegetable and animal oils and fats		811	889	975	870		47	51	33	503
3116 Grain mill products		562	738	1383	1647		82	99	115	986
3117 Bakery products		5719	5880	6793	6764		354	354	322	4010
3118 Sugar factories and refineries		178	101	99	128		55	54	53	465
3119 Cocoa, chocolate and sugar confectionery		1288	1105	1062	1284		98	97	83	1159
3121 Other food products		1288	1376	1371	1349		24	23	106	228
3122 Prepared animal feeds		460	2611	527	632		51	47	41	429
313 Beverages		1682	1938	2512	2886		160	174	163	1760
3131 Distilling, rectifying and blending spirits		307	358	597	801		62	65	65	559
3132 Wine industries		283	325	432	419		25	26	28	346
3133 Malt liquors and malt		504	533	482	582		50	52	49	575
3134 Soft drinks and carbonated waters		588	722	1001	1085		29	34	22	262
314 Tobacco		47	47	53	87		15	17	18	258
321 Textiles		3950	3872	3768	3671		517	452	446	2700
3211 Spinning, weaving and finishing textiles		963	963	847	968		304	273	298	1563
3212 Made-up textile goods excl. wearing apparel		133	126	179	172		13	10	10	63
3213 Knitting mills		2109	2108	1915	1618		109	90	70	487
3214 Carpets and rugs		104	68	48	62		37	32	28	167
3215 Cordage, rope and twine		53	55	75	100		8	7	6	66
3219 Other textiles		588	562	704	761		45	41	34	354
322 Wearing apparel, except footwear		12958	12592	11795	10752		425	388	309	1724
323 Leather and fur products		1861	1861	1693	1329		71	64	66	392
3231 Tanneries and leather finishing		235	229	147	147		19	18	39	116
3232 Fur dressing and dyeing industries		1128	1116	1073	814		35	32	17	193
3233 Leather prods. excl. wearing apparel		498	516	387	368		17	14	11	82
324 Footwear, except rubber or plastic		1774	1713	1628	1503		102	86	62	518
331 Wood products, except furniture		9005	9544	9259	9000		424	389	373	3144
3311 Sawmills, planing and other wood mills		7373	7845	7384	7749		368	339	247	2786
3312 Wooden and cane containers		433	434	353	317		15	11	6	84
3319 Other wood and cork products		1199	1265	1532	934		41	39	120	275
332 Furniture and fixtures, excl. metal		6010	6243	5564	5536		203	179	90	1240
341 Paper and products		598	679	898	924		166	157	170	2139
3411 Pulp, paper and paperboard articles		152	166	236	219		146	137	151	1950
3412 Containers of paper and paperboard		179	184	238	376		10	11	12	105
3419 Other pulp, paper and paperboard articles		267	339	424	329		9	9	7	84
342 Printing and publishing		4235	4924	4441	4538		111	110	108	1142
351 Industrial chemicals		856	994	1026	1222		539	516	511	5481
3511 Basic chemicals excl. fertilizers		568	677	769	923		349	339	334	3726
3512 Fertilizers and pesticides		97	90	50	52		41	40	36	388
3513 Synthetic resins and plastic materials		191	227	207	247		149	138	141	1367
352 Other chemicals		2587	3177	3588	3244		190	187	190	2028
3521 Paints, varnishes and lacquers		393	329	526	482		36	35	33	381
3522 Drugs and medicines		910	1191	1529	1339		81	78	91	805
3523 Soap, cleaning preps., perfumes, cosmetics		794	1071	510	379		16	16	11	183
3529 Other chemical products		490	1071	1023	1044		58	57	55	659
353 Petroleum, cef. products		222	243	222	222		222	243	222	222

354 Misc. petroleum and coal products	354	378	409	471	75	82	86	1241	1798	2232	...
355 Rubber products	750	876	683	665	138	134	123	1357	1591	1568	...
3551 Tyres and tubes	187	179	154	179	55	57	54	653	772	747	...
3559 Other rubber products	599	689	504	501	83	77	69	705	819	821	...
356 Plastic products	2337	2801	2662	2580	82	81	40	599	732	373	...
361 Pottery, china, earthenware	846	836	702	704	31	29	24	205	224	228	...
362 Glass and products	821	669	999	1007	88	86	78	685	777	813	...
369 Other non-metallic mineral products	8038	8215	8129	8108	775	694	592	7573	7935	7364	...
3691 Structural clay products	470	456	251	48	50	48	44	547	696	649	...
3692 Cement, lime and plaster	318	353	308	297	70	69	66	727	857	893	...
3699 Other non-metallic mineral products	7250	7397	7570	7547	655	577	482	6300	6383	5822	...
371 Iron and steel	1602	1457	1705	1705	625	568	560	8230	8576	8983	...
372 Non-ferrous metals	1147	881	991	1010	223	226	198	5849	6631	6773	...
381 Fabricated metal products	8000	8104	7889	6574	310	281	221	2463	2491	2213	...
3811 Cutlery, hand tools and general hardware	3056	3175	2973	2475	84	80	58	578	657	530	...
3812 Furniture and fixtures primarily of metal	2164	2109	2032	1587	69	64	62	420	454	198	...
3813 Structural metal products	1887	1909	1966	1668	107	85	62	1175	978	821	...
3819 Other fabricated metal products	893	911	919	844	51	52	69	289	403	664	...
382 Non-electrical machinery	18899	19179	18934	19672	2118	1966	2025	16174	17988	22097	...
3821 Engines and turbines	204	209	259	234	124	124	101	1072	1366	1259	...
3822 Agricultural machinery and equipment	1015	726	937	1019	405	387	346	2172	2396	2049	...
3823 Metal and wood working machinery	1225	1333	1058	1065	133	133	425	913	1248	5066	...
3824 Other special industrial machinery	4501	4723	5134	4777	484	399	371	4682	4448	5365	...
3825 Office, computing and accounting machinery	6995	7231	6987	8093	89	77	47	514	583	451	...
3829 Other non-electrical machinery & equipment	4959	4957	4959	4484	914	847	736	6822	7948	7907	...
383 Electrical machinery	3630	3630	3228	3442	440	409	352	3189	3695	3640	...
3831 Electrical industrial machinery	2547	2548	2347	2051	319	294	248	2165	2523	2443	...
3832 Radio, television and communication equipm.	483	456	296	309	16	18	17	86	126	137	...
3833 Electrical appliances and housewares	600	626	585	1082	105	97	87	937	1046	1059	...
3839 Other electrical apparatus and supplies	5118	5048	322	5982	1080	1037	973	11032	13103	13955	...
384 Transport equipment	322	337	327	308	169	152	165	1664	1737	1851	...
3841 Shipbuilding and repairing	4470	4362	4769	5248	731	712	662	7944	9431	10044	...
3842 Railroad equipment	28	30	59	71	17	18	17	80	123	128	...
3843 Motor vehicles	298	319	322	335	164	156	139	1344	1812	1932	...
3844 Motorcycles and bicycles	3034	3154	3406	2833	263	146	103	1301	1152	1409	...
3845 Aircraft	2766	2874	3137	2562	155	74	60	905	586	1062	...
3849 Other transport equipment	200	214	199	188	66	48	26	276	440	242	...
385 Professional and scientific equipment	68	66	70	83	42	23	17	120	127	104	...
3851 Prof. and scientific equipment n.e.c.	8770	6463	5098	5016	231	173	173	1560	1422	1530	...
3852 Photographic and optical goods	430	417	465	603	21	18	15	213	231	210	...
3853 Watches and clocks	102	215	95	108	5	5	4	22	26	25	...
390 Other manufacturing industries	165	157	118	161	3	2	1	20	20	11	...
3901 Jewellery and related articles	8073	5674	4420	4144	203	148	153	1305	1145	-	...
3902 Musical instruments	111677	112693	104749	126196	12139	11268	10535	110562	115104	123302	...
3903 Sporting and athletic goods											...
3909 Manufacturing industries, n.e.c.											...
3 Total manufacturing											...

a/ Data suppressed due to confidentiality rules.
b/ Including ISIC 3832, 3841 and 3845.

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	Output in producers' prices (million RUBLES)				Value added (million RUBLES)				Gross fixed capital formation (million RUBLES)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry	Note									
311/2 Food products		163512	164896	179591	323296		52488	52359	57188	86531
3111 Slaughtering, preparing & preserving meat		37048	37377	37935	37935		10464	56007	10464	9392
3112 Dairy products		25838	33461	33461	65043		7471	8052	9425	12454
3113 Canning, preserving of fruits & vegetables		2158	2216	2377	5293		806	777	789	1645
3114 Canning, preserving and processing of fish		10093	7460	12046	28034		6549	5384	6266	13291
3115 Vegetable and animal oils and fats		5695	5616	5982	15437		1934	1982	2390	3484
3116 Grain mill products		22713	20988	19247	36543		5399	4785	4962	10252
3117 Bakery products		29325	29642	29916	53613		11507	11965	12959	17885
3118 Sugar factories and refineries		4377	4111	5121	18517		1225	1241	1859	3045
3119 Cocoa, chocolate and sugar confectionery		11376	14651	17092	33730		4793	6017	6759	10384
3121 Other food products		4717	3281	3411	7847		662	697	745	1718
3122 Prepared animal feeds		8086	8270	7258	13232		1678	1524	1304	2981
313 Beverages		14037	23517	28596	63870		6290	11590	14535	23536
3131 Distilling, rectifying and blending spirits		4269	7762	7963	20875		1502	3959	3959	7077
3132 Wine industries		1983	2959	3821	8347		877	1386	2454	3411
3133 Malt liquors and malt		5177	7969	10974	24159		2801	4159	6501	11415
3134 Soft drinks and carbonated waters		2608	4827	5838	10489		1110	2373	2401	2590
314 Tobacco		2767	5813	10998	32742		1072	1981	5283	10610
321 Textiles		13237	13388	13004	27194		4306	5081	4622	10093
3211 Spinning, weaving and finishing textiles		7255	7774	7004	14563		2062	2826	2213	4788
3212 Made-up textile goods excl. wearing apparel		290	280	336	695		145	151	185	341
3213 Knitting mills		1795	1628	1629	3360		833	719	745	1482
3214 Carpets and rugs		848	421	405	891		260	272	236	550
3215 Cordage, rope and twine		330	298	292	599		129	115	109	182
3219 Other textiles		2719	2987	3338	7086		877	998	1134	2750
322 Wearing apparel, except footwear		7390	7638	7406	11404		3465	3473	3467	5187
323 Leather and fur products		2203	2181	1594	3549		959	838	585	1286
3231 Tanneries and leather finishing		733	866	557	1568		274	274	163	489
3232 Fur dressing and dyeing industries		1073	968	826	1450		488	402	326	558
3233 Leather prods. excl. wearing apparel		397	347	211	521		197	161	96	239
324 Footwear, except rubber or plastic		2843	2232	1864	3808		1202	899	775	1658
331 Wood products, except furniture		14255	15546	16426	32837		5329	5293	6633	13547
3311 Sawmills, planing and other wood mills		12609	13792	14448	29985		4689	4795	5836	12584
3312 Wooden and cane containers		367	275	221	396		133	113	81	135
3319 Other wood and cork products		1279	1479	1757	2456		507	385	716	828
332 Furniture and fixtures, excl. metal		7024	7911	7769	15298		2706	3044	3132	5993
341 Paper and products		16577	16177	20973	55400		4485	5281	8259	25030
3411 Pulp, paper and paperboard articles		14821	14338	18707	49552		3762	4678	7366	23029
3412 Containers of paper and paperboard		1086	1126	1505	3769		419	405	561	1210
3419 Other pulp, paper and paperboard articles		670	713	761	2079		304	298	332	791
342 Printing and publishing		5346	5964	6619	13714		3090	3608	3827	6912
351 Industrial chemicals		54187	58512	62079	121621		15053	16304	19359	51935
3511 Basic chemicals excl. fertilizers		34714	39206	40895	82486		11095	12210	14285	38022
3512 Fertilizers and pesticides		3546	3994	5647	8350		443	551	1514	2538
3513 Synthetic resins and plastic materials		15927	15312	15537	30785		3515	3543	3560	11375
352 Other chemicals		21465	21832	26194	43464		9521	9883	13216	18659
3521 Paints, varnishes and lacquers		4264	3494	4076	6797		1550	1365	1418	2617
3522 Drugs and medicines		6311	9271	10336	18584		2846	4143	5290	8398
3523 Soap, cleaning preps., perfumes, cosmetics		5221	2288	2649	8010		2323	1034	1358	3088
3529 Other chemical products		5669	6779	9133	10073		2802	3341	5150	4556

354 Misc. petroleum and coal products	17000	19958	21062	30427	6464	8007	10203	13318	...	...
355 Rubber products	15754	17384	15530	25848	4702	4719	3765	7090	...	...
3551 Tyres and tubes	9778	10696	9065	14752	2584	2405	3316	3316	...	...
3559 Other rubber products	5976	6688	11096	6465	2118	2314	2178	3774	...	...
356 Plastic products	4242	4401	5207	12899	1603	1550	1855	3978	...	...
361 Pottery, china, earthenware	2992	3335	3290	5993	1349	1932	1435	2626	...	...
362 Glass and products	4140	4455	4918	9477	1661	1718	2102	4467	...	...
369 Other non-metallic mineral products	49933	47173	44752	66879	21951	18576	17596	25439	...	...
3691 Structural clay products	2033	3010	3838	7788	1885	1968	1885	3674	...	...
3692 Cement, lime and plaster	7433	7964	8056	11858	2767	3002	2986	4061	...	...
3699 Other non-metallic mineral products	40467	36199	32858	47233	17299	13566	13125	17704	...	...
371 Iron and steel	91941	94449	96021	195162	24897	23590	29037	77874	...	...
372 Non-ferrous metals	50617	41218	65850	130618	23261	23134	39761	83504	...	...
381 Fabricated metal products	14563	13712	13427	21812	6812	6183	6129	8250	...	...
3811 Cutlery, hand tools and general hardware	3100	2755	3010	5347	1574	1228	1426	2161	...	...
3812 Furniture and fixtures primarily of metal	2659	2538	2532	4134	1212	1108	1042	1460	...	...
3813 Structural metal products	7052	5622	5197	8396	3277	2578	2239	3051	...	...
3819 Other fabricated metal products	1752	2797	2688	3935	749	1269	1422	1578	...	...
382 Non-electrical machinery	95790	78019	72489	116302	33122	32781	29502	52078	...	...
3821 Engines and turbines	6725	7077	7258	23685	3231	3286	3782	11980	...	...
3822 Agricultural machinery and equipment	7445	5496	4602	7651	3830	3623	2497	4531	...	...
3823 Metal and wood working machinery	20816	3966	3020	5128	1752	2590	1917	2940	...	...
3824 Other special industrial machinery	20816	21891	18440	30528	11544	11628	10338	14182	...	...
3825 Office, computing and accounting machinery	4505	3871	4191	9280	2234	2130	1902	3585	...	...
3829 Other non-electrical machinery & equipment	53173	35718	34978	40030	10531	9524	9166	14860	...	...
383 Electrical machinery	18913	20375	19869	40340	9681	10048	9821	16140	...	...
3831 Electrical industrial machinery	10561	11818	11534	20861	6296	6515	6342	9321	...	...
3832 Radio, television and communication equipa.	467	523	617	1440	192	244	243	505	...	...
3833 Electrical appliances and housewares	7785	8034	7718	18039	3193	3289	3236	6314	...	...
3839 Other electrical apparatus and supplies	72121	96380	104562	204738	27172	31059	32052	51665	...	...
384 Transport equipment	11891	10618	9602	15056	4801	4820	4237	6010	...	...
3841 Shipbuilding and repairing	58442	68514	68083	134231	20995	24170	24712	40797	...	...
3842 Railroad equipment	356	787	600	882	72	251	201	226	...	...
3843 Motor vehicles	1432	16461	26277	54569	1303	1818	2902	4632	...	...
3844 Motorcycles and bicycles	5642	6076	5721	11408	4007	3455	3520	6844	...	...
3845 Aircraft	4157	4279	4652	9097	3050	2302	2894	5496	...	...
3849 Other transport equipment	1085	1415	771	1568	704	948	448	945	...	...
385 Professional and scientific equipment	399	381	298	743	253	206	178	403	...	...
3851 Prof and scientific equipment n.e.c.	11411	12243	13327	23982	5645	6253	6568	8279	...	...
3852 Photographic and optical goods	2631	2063	3612	8717	699	416	1121	676	...	...
3853 Watches and clocks	77	133	104	202	38	55	48	102	...	...
390 Other manufacturing industries	85	69	64	196	33	45	45	110	...	...
3901 Jewellery and related articles	8618	9978	9547	14867	4875	5742	5354	7191	...	...
3902 Musical instruments	871806	880187	928119	1711745	300187	335018	347826	654332	...	...
3903 Sporting and athletic goods									...	...
3909 Manufacturing industries, n.e.c.									...	...
3 Total manufacturing									...	...

a/ Data suppressed due to confidentiality rules.
b/ Including ISIC 3832, 3841 and 3845.

222 Printing and related service activities	114	2381
2221 Printing	...	...
2222 Service activities related to printing	...	...
2230 Reproduction of recorded media	4	145
2310 Coke oven products	12	491
2320 Refined petroleum products	137	5991
2330 Processing of nuclear fuel	...	...
241 Basic chemicals	406	10320
2411 Basic chemicals, except fertilizers	...	...
2412 Fertilizers and nitrogen compounds	...	...
2413 Plastics in primary forms; synthetic rubber	...	...
242 Other chemicals	246	5789
2421 Pesticides and other agro-chemical products	...	...
2422 Paints, varnishes, printing ink and dyes	...	...
2423 Pharmaceuticals, medicinal chemicals, etc.	...	...
2424 Soap, cleaning & cosmetic preparations	...	...
2429 Other chemical products n.e.c.	31	429
2430 Man-made fibres	...	...
251 Rubber products	109	1914
2511 Rubber tyres and tubes	...	...
2519 Other rubber products	...	...
2520 Plastic products	106	1373
2610 Glass and glass products	96	1467
269 Non-metallic mineral products n.e.c.	690	12027
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 stone	...	...
2696 Cutting, shaping & finishing of stone	...	...
2699 Other non-metallic mineral products n.e.c.	...	...
2710 Basic iron and steel	521	13774
2720 Basic precious and non-ferrous metals	282	12997
273 Casting of metals	10	135
2731 Casting of iron and steel	...	...
2732 Casting of non-ferrous metals	...	...
281 Structural metal products;tanks;steam generators	153	2727
2811 Structural metal products	...	...
2812 Tanks, reservoirs and containers of metal	...	...
2813 Steam generators	...	...
289 Other metal products; metal working services	149	2075
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	1093	14245
2911 Engines & turbines(not for transport equip.)	60	1056
2912 Pumps, compressors, taps and valves	38	633
2913 Bearings, gears, gearing & driving elements	54	822
2914 Ovens, furnaces and furnace burners	34	591
2915 Lifting and handling equipment	52	875
2919 Other general purpose machinery	517	7168
292 Special purpose machinery	833	13460
2921 Agricultural and forestry machinery	71	703
2922 Machine tools	65	793
2923 Machinery for metallurgy	36	610
2924 Machinery for mining & construction	88	1275
2925 Food/beverage/tobacco processing machinery	16	297
2926 Machinery for textile, apparel and leather	30	346
2927 Weapons and ammunition	...	...
2929 Other special purpose machinery	22	361
2930 Domestic appliances n.e.c.	36	560

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ISIC Revision 3	Number of establishments (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (million Roubles)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
3000 Office, accounting and computing machinery		...	...	...	...		...	...	...	...		...	...	...	300
3110 Electric motors, generators and transformers		...	...	...	24		...	...	...	...		...	...	...	1089
3120 Electricity distribution & control apparatus		...	...	...	62		...	...	...	...		...	...	...	501
3130 Insulated wire and cable		...	...	...	36		...	...	...	...		...	...	...	738
3140 Accumulators, primary cells and batteries		...	...	...	30		...	...	...	...		...	...	...	437
3150 Lighting equipment and electric lamps		...	...	...	21		...	...	...	...		...	...	...	325
3190 Other electrical equipment n.e.c.		...	...	...	29		...	...	...	...		...	...	...	259
3210 Electronic valves, tubes, etc.		...	...	...	75		...	...	...	...		...	...	...	1688
3220 TV/radio transmitters; line comm. apparatus		...	...	...	136		...	...	...	...		...	...	...	...
3230 TV and radio receivers and associated goods		...	...	...	...		...	...	...	...		...	...	...	...
3311 Medical, measuring, testing appliances, etc.		...	...	...	...		...	...	...	...		...	...	...	2692
3312 Measuring/testing/navigating appliances, etc.		...	...	...	171		...	...	...	...		...	...	...	...
3313 Industrial process control equipment		...	...	...	...		...	...	...	...		...	...	...	...
3320 Optical instruments & photographic equipment		...	...	...	26		...	...	...	...		...	...	...	388
3330 Watches and clocks		...	...	...	17		...	...	...	...		...	...	...	182
3410 Motor vehicles		...	...	...	...		...	...	...	...		...	...	...	10202
3420 Automobile bodies, trailers & semi-trailers		...	...	...	385		...	...	...	...		...	...	...	242
3430 Parts/accessories for automobiles		...	...	...	126		...	...	...	...		...	...	...	2399
351 Building and repairing of ships and boats		...	...	...	...		...	...	...	...		...	...	...	...
3511 Building and repairing of ships		...	...	...	...		...	...	...	...		...	...	...	...
3512 Building/repairing of pleasure/sport. boats		...	...	...	121		...	...	...	...		...	...	...	1929
3520 Railway/tramway locomotives & rolling stock		...	...	...	334		...	...	...	...		...	...	...	6286
3530 Aircraft and spacecraft		...	...	...	16		...	...	...	...		...	...	...	169
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		...	...	...	87		...	...	...	...		...	...	...	1244
3692 Musical instruments		...	...	...	130		...	...	...	...		...	...	...	2171
3693 Sports goods		...	...	...	...		...	...	...	...		...	...	...	...
3694 Games and toys		...	...	...	...		...	...	...	...		...	...	...	...
3699 Other manufacturing n.e.c.		...	...	...	...		...	...	...	...		...	...	...	...
3710 Recycling of metal waste and scrap		...	...	...	24		...	...	...	...		...	...	...	601
3720 Recycling of non-metal waste and scrap		3		74
D Total manufacturing		10460		198342

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ISIC Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
15	Food and beverages	...	...	100	93	86	82	67	58	52	49	...	...
16	Tobacco products	...	...	100	93	86	82	80	83	81	101	119	...
17	Textiles	...	...	100	82	63	48	25	18	13	13	9	...
18	Wearing apparel, fur	...	...	100	85	70	59	28	19	16	14	12	...
19	Leather, leather products and footwear	...	...	100	85	70	55	26	18	13	11	8	...
20	Wood products (excl. furniture)	...	...	100	89	78	63	40	44	36	30	29	...
21	Paper and paper products	...	...	100	89	78	63	47	58	47	48	50	...
22	Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel	...	...	100	89	78	59	51	51	52	50	47	...
24	Chemicals and chemical products	...	...	100	86	71	57	42	44	39	38	38	...
25	Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
27	Basic metals	...	...	100	88	77	65	56	60	59	60	57	...
28	Fabricated metal products	...	...	...	...	...	...	...	...	...	...	...	...
29	Machinery and equipment n.e.c.	...	...	100	87	75	63	37	30	16	13	11	...
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	92	74	63	48	46	44	46	...	...

Note

RWANDA

<p>Supplier of information: Ministry of Commerce, Industry and Tourism, Kigali.</p> <p>Basic source of data: Census of industrial production.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year): Fiscal year.</p> <p>Scope: All large and medium establishments.</p> <p>Method of enumeration: Individual sites are visited by enumerators.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <u>Wages and salaries</u> is compensation of employees.</p> <p>Related national publications:</p>
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Rwanda

ISIC Industry	Number of establishments (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million FRANCS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
151 Processed meat, fish, fruit, vegetables, fats	86		..	..	..	..		..	..	..	..17.8
1511 Processing/preserving of meat	2		..	..	..	..		..	..	..	..
1512 Processing/preserving of fish	5		..	..	..	..99		..	..	..	..32.9
1513 Processing/preserving of fruit & vegetables	5		..	..	..	..133		..	..	..	..70.9
1514 Vegetable and animal oils and fats	7a/		..	..	..	..478a/		..	..	..	..189.9a/
1520 Dairy products	a/		..	..	..	..a/		..	..	..	..a/
153 Grain mill products	12b/		..	..	..	..281b/		..	..	..	..96.0b/
1531 Grain mill products	b/		..	..	..	..b/		..	..	..	..b/
1532 Starches and starch products	15		..	..	..	..15200		..	..	..	..2315.3
1533 Prepared animal feeds	3c/		..	..	..	..890c/		..	..	..	..2356.2c/
154 Other food products	c/		..	..	..	..c/		..	..	..	..c/
1541 Bakery products	c/		..	..	..	..c/		..	..	..	..c/
1542 Sugar	4d/		..	..	..	..407d/		..	..	..	..225.9d/
1543 Cocoa, chocolate and sugar confectionery	d/		..	..	..	..d/		..	..	..	..d/
1544 Macaroni, noodles & similar products	d/		..	..	..	..d/		..	..	..	..d/
1549 Other food products n.e.c.	d/		..	..	..	..d/		..	..	..	..d/
155 Beverages	d/		..	..	..	..d/		..	..	..	..d/
1551 Distilling, rectifying & blending of spirits	d/		..	..	..	..d/		..	..	..	..d/
1552 Wines	d/		..	..	..	..d/		..	..	..	..d/
1553 Malt liquors and malt	15e/		..	..	..	..645e/		..	..	..	..287.7e/
1554 Soft drinks; mineral waters	e/		..	..	..	..e/		..	..	..	..e/
1600 Tobacco products	e/		..	..	..	..e/		..	..	..	..e/
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	
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	
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	...	...	...	...	...	...	...e/
2221 Printing	...	...	...	...	...	...	...
2222 Service activities related to printing	...	...	...	...	...	...	...
2230 Reproduction of recorded media	...	...	...	...	...	...	...
2310 Coke oven products	...	...	...	...	...	...	1017.1f/
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	...	...	...	...	...	...	...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.	...	...	...	...	...	...	...f/
2430 Man-made fibres	...	...	...	...	...	...	...
251 Rubber products	...	...	...	...	...	...	289g/
2511 Rubber tyres and tubes	...	...	...	...	...	...	...
2519 Other rubber products	...	...	...	...	...	...	...g/
2520 Plastic products	...	...	...	...	...	...	940h/
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	...	...	...	...	...	...	...
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	...	...	...	...	...	...	...
273 Casting of metals	...	...	...	...	...	...	...
2731 Casting of iron and steel	...	...	...	...	...	...	...
2732 Casting of non-ferrous metals	...	...	...	...	...	...	...
281 Struct metal products;tanks;steam generators	...	...	...	...	...	...	537i/
2811 Structural metal products	...	...	...	...	...	...	...
2812 Tanks, reservoirs and containers of metal	...	...	...	...	...	...	...
2813 Steam generators	...	...	...	...	...	...	...
289 Other metal products; metal working services	...	...	...	...	...	...	...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	...	...	...	...	...	...	...
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

Rwanda

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees				
	Note	(numbers)			Note	(numbers)			Note	(million FRANCS)			
		1996	1997	1998		1999	1996	1997		1998	1999		
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.													
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													

a/ 1531 includes 1533.

b/ 1541 includes 1544.

c/ 1553 includes 1554 and 1600.

d/ 171 includes 172, 1730, 1810, 1820, 191 and 1920.

e/ 2029 includes 210, 221 and 2221.

f/ 241 includes 242 and 2430.

g/ 251 includes 2520.

h/ 2610 includes 269.

i/ 281 includes 289.

j/ 3110 includes 3120, 3130, 3140, 3150, 3190, 3210, 3220 and 3230.

Rwanda

ISIC Industry	Output in producers' prices (million FRANCS)				Note	Value added in producers' prices (million FRANCS)				Note	Gross fixed capital formation (million FRANCS)			
	1996	1997	1998	1999		1996	1997	1998	1999		1998	1999		
	ISIC Revision 3													
151 Processed meat, fish, fruit, vegetables, fats	469.2	...	...	...	...	...	...	...	...	...	...
1511 Processing/preserving of meat
1512 Processing/preserving of fish	185.0	...	...	...	...	...	...	...	...	...	...
1513 Processing/preserving of fruit & vegetables
1514 Vegetable and animal oils and fats
1520 Dairy products	1114.1	...	...	...	...	...	...	...	...	...	...
153 Grain mill products; starches; animal feeds
1531 Grain mill products	541.0a/	...	...	...	...	...	...	...	...	...	...
1532 Starches and starch products
1533 Prepared animal feedsa/	...	...	...	...	...	...	...	...	...	...
154 Other food products
1541 Bakery products	950.6b/	...	...	...	...	...	...	...	...	...	...
1542 Sugar
1543 Cocoa, chocolate and sugar confectionery
1544 Macaroni, noodles & similar products
1549 Other food products n.e.c.	21225.5	...	...	...	...	...	...	...	...	...	...
155 Beverages
1551 Distilling, rectifying & blending of spirits
1552 Wines
1553 Malt liquors and malt	30759.1c/	...	...	...	...	...	...	...	...	...	...
1554 Soft drinks; mineral watersc/	...	...	...	...	...	...	...	...	...	...
1600 Tobacco products
171 Spinning, weaving and finishing of textiles
1711 Textile fibre preparation; textile weaving	2005.8d/	...	...	...	...	...	...	...	...	...	...
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
1911 Tanning, dressing and processing of leather
1912 Luggage, handbags, etc.; saddlery & harness
1920 Footwear
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	1866.3e/	...	...	...	...	...	...	...	...	...	...
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

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	...	206.4j/	...	...	...	...	...	...	78.4j/
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	...	...	...	...	...	...	...	...	...
3311 Medical, measuring, testing appliances, etc.	...	...	...	...	...	...	...	...	...
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	...	...	...	...	...	...	...	...	...
3511 Building and repairing of ships and boats	...	...	...	...	...	...	...	...	...
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	...	2378.0	...	...	...	...	...	...	843.8
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	...	80560.7	...	...	...	...	...	...	36708.7

a/ 1531 includes 1533.

b/ 1541 includes 1544.

c/ 1553 includes 1554 and 1600.

d/ 171 includes 172, 1730, 1810, 1820, 191 and 1920.

e/ 2029 includes 210, 221 and 2221.

f/ 241 includes 242 and 2430.

g/ 251 includes 2520.

h/ 2610 includes 269.

i/ 281 includes 289.

j/ 3110 includes 3120, 3130, 3140, 3150, 3190, 3210, 3220 and 3230.

SINGAPORE

<p>Supplier of information: Research and Statistics Unit, Economic Development Board, Singapore.</p> <p>Basic source of data: Annual census of industrial production.</p> <p>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).</p> <p>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.</p> <p>Scope: All establishments in the private sector with 10 or more persons engaged.</p> <p>Method of enumeration: The census is conducted primarily by mail.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: Persons engaged is as of the pay period nearest to 30 June of the reference year. <u>Wages and salaries is compensation of employees.</u> Output does not include net revenues from goods shipped in the same condition as received.</p> <p>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.</p>
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Singapore

ISIC Industry	ISIC Revision 3				Number of establishments (numbers)				Number of persons engaged (numbers)				Wages and salaries paid to employees (million DOLLARS)			
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	
		1996	1997	1998	1999		1996	1997	1998	1999		1996	1997	1998	1999	
151 Processed meat, fish, fruit, vegetables, fats		72	80	81	82		2601	3074	3272	3441		70	88	86	90	
1511 Processing/preserving of meat		27	28	28	28		1058	1327	1421	1422		16	32	34	35	
1512 Processing/preserving of fish		26	30	32	32		684	830	956	1087		24	24	24	25	
1513 Processing/preserving of fruit & vegetables		6	7	8	9		163	199	216	230		4	5	5	5	
1514 Vegetable and animal oils and fats		13	15	13	13		696	718	679	702		23	27	23	24	
1520 Dairy products		8	8	8	7		1332	1191	1166	1142		41	42	43	39	
153 Grain mill products; starches; animal feeds		6	6	7	6		303	301	327	317		11	12	12	13	
1531 Grain mill products		-	-	-	-		-	-	-	-		-	-	-	-	
1532 Starches and starch products		6	-	-	-		303	-	-	-		11	-	-	-	
1533 Prepared animal feeds		216	218	211	214		8315	8476	8024	8175		245	249	238	215	
154 Other food products		61	61	61	61		2584	2579	2632	2557		63	64	65	64	
1541 Bakery products		-	-	-	-		-	-	-	-		-	-	-	-	
1542 Sugar		7	8	7	6		444	460	358	319		19	19	16	13	
1543 Cocoa, chocolate and sugar confectionery		29	30	29	29		796	847	813	835		18	19	19	19	
1544 Macaroni, noodles & similar products		119	119	114	118		4521	4590	4221	4464		145	147	139	120	
1549 Other food products n.e.c.		11	11	13	12		1664	1656	2124	2141		68	70	81	77	
155 Beverages		-	-	-	-		-	-	-	-		-	-	-	-	
1551 Distilling, rectifying & blending of spirits		-	-	-	-		-	-	-	-		-	-	-	-	
1552 Wines		-	-	-	-		-	-	-	-		-	-	-	-	
1553 Malt liquors and malt		-	-	-	-		-	-	-	-		-	-	-	-	
1554 Soft drinks; mineral waters		11	-	-	-		1664	-	-	-		68	-	-	-	
1600 Tobacco products		-	-	-	-		-	-	-	-		-	-	-	-	
171 Spinning, weaving and finishing of textiles		15	12	11	10		799	619	584	612		20	16	17	17	
1711 Textile fibre preparation; textile weaving		15	-	-	-		799	-	-	-		20	-	-	-	
1712 Finishing of textiles		-	-	-	-		-	-	-	-		-	-	-	-	
172 Other textiles		20	18	18	20		550	635	631	575		14	16	16	14	
1721 Made-up textile articles, except apparel		-	-	-	-		550	-	-	-		14	-	-	-	
1722 Carpets and rugs		-	-	-	-		-	-	-	-		-	-	-	-	
1723 Cordage, rope, twine and netting		-	-	-	-		-	-	-	-		-	-	-	-	
1729 Other textiles n.e.c.		-	-	-	-		-	-	-	-		-	-	-	-	
1730 Knitted and crocheted fabrics and articles		18	15	13	12		399	399	375	346		10	9	9	8	
1810 Wearing apparel, except fur apparel		193	162	145	141		10309	8144	7756	8198		176	152	145	151	
1820 Dressing & dyeing of fur; processing of fur		-	-	-	-		-	-	-	-		-	-	-	-	
191 Tanning, dressing and processing of leather		16	18	17	15		682	887	832	683		17	21	19	18	
1911 Tanning and dressing of leather		16	-	-	-		682	-	-	-		17	-	-	-	
1912 Luggage, handbags, etc.; saddlery & harness		11	6	6	6		316	277	217	222		8	7	6	5	
1920 Footwear		9	7	7	7		130	116	109	101		5	5	4	4	
2010 Sawmilling and planing of wood		48	45	42	39		1320	1604	1573	1466		30	38	41	36	
202 Products of wood, cork, straw, etc.		8	6	6	6		178	169	-	-		5	4	-	-	
2021 Veneer sheets, plywood, particle board, etc.		21	22	23	20		607	892	894	761		14	22	25	20	
2022 Builders' carpentry and joinery		19	17	19	19		535	543	679	705		11	11	16	16	
2023 Wooden containers		-	-	-	-		-	-	-	-		-	-	-	-	
2029 Other wood products; articles of cork/straw		-	-	-	-		-	-	-	-		-	-	-	-	
210 Paper and paper products		104	98	91	89		5474	5213	4738	4722		172	172	152	149	
2101 Pulp, paper and paperboard		74	71	67	66		4064	3958	3827	3857		131	135	123	123	
2102 Corrugated paper, and paperboard		30	27	24	23		1410	1245	911	865		40	37	29	27	
2109 Other articles of paper and paperboard		73	65	61	61		4880	4847	4577	4577		267	285	273	285	
221 Publishing of books and other publications		43	36	33	33		4059	3989	3803	3803		236	251	240	240	
2211 Publishing of newspapers, journals, etc.		-	-	-	-		-	-	-	-		-	-	-	-	
2213 Publishing of recorded media		-	-	-	-		-	-	-	-		-	-	-	-	
2219 Other publishing		-	-	-	-		-	-	-	-		-	-	-	-	

222 Printing and related service activities	334	326	326	319	13678	13731	13804	16005	393	419	415	578
2221 Printing	272	264	266	259	11266	11337	11425	13767	326	351	349	514
2222 Service activities related to printing	62	60	60	60	2412	2394	2379	2238	67	68	66	64
2230 Reproduction of recorded media	8	10	10	10	374	427	733	1169	11	13	18	35
2310 Coke oven products	-	-	-	..	3531	3444	3306	3152	-	304	322	293
2320 Refined petroleum products	18	19	18	..	-	-	-	..	302	-	-	..
2330 Processing of nuclear fuel	-	-	-	..	-	-	-	..	-	-	-	..
241 Basic chemicals	49	54	52	55	3707	3794	3723	3586	181	209	220	207
2411 Basic chemicals, except fertilizers	29	33	29	26	1717	1730	1721	1492	78	88	89	77
2412 Fertilizers and nitrogen compounds	-	-	-	-	1990	2084	2002	2094	103	121	131	130
2413 Plastics in primary forms; synthetic rubber	146	157	158	176	9914	11453	11440	12165	495	648	704	776
242 Other chemicals	26	32	31	32	1934	2071	2123	2228	-	-	-	-
2421 Pesticides and other agro-chemical products	17	20	19	22	1758	1698	1629	1840	83	93	82	103
2422 Paints, varnishes, printing ink and mastics	35	27	27	26	1567	1526	1279	1170	73	80	97	99
2423 Pharmaceuticals, medicinal chemicals, etc.	68	78	81	96	4655	6158	6409	6927	257	392	454	65
2424 Soap, cleaning & cosmetic preparations	-	-	-	..	-	-	-	..	-	-	-	510
2429 Other chemical products n.e.c.	-	-	-	..	-	-	-	..	-	-	-	..
2430 Man-made fibres	30	32	33	32	1751	2138	2263	2352	53	64	68	68
251 Rubber products	30	32	33	32	1751	2138	2263	2352	53	64	68	68
2511 Rubber tyres and tubes	30	32	33	32	1751	2138	2263	2352	53	64	68	68
2519 Other rubber products	325	317	306	289	19858	19191	17801	17781	486	490	460	456
2520 Plastic products	84	90	80	80	1302	1398	1435	1486	41	42	44	41
2510 Glass and glass products	-	-	-	-	5203	5604	5148	4569	-	-	-	140
2569 Non-metallic mineral products n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
2691 Pottery, china and earthenware	-	-	-	-	-	-	-	-	-	-	-	-
2692 Refractory ceramic products	7	6	6	5	289	273	275	182	9	9	11	6
2693 Struct. non-refractory clay; ceramic products	6	6	6	-	528	618	-	-	31	31	-	-
2694 Cement, lime and plaster	22	23	26	29	1632	1980	2509	2343	56	71	96	77
2695 Articles of concrete, cement and plaster	10	10	10	10	469	469	-	-	16	16	-	-
2696 Cutting, shaping & finishing of stone	39	55	48	46	2285	2733	2364	2044	58	76	66	57
2699 Other non-metallic mineral products n.e.c.	17	18	16	15	1660	1435	1443	1279	74	72	63	57
2710 Basic iron and steel	8	8	6	5	445	478	388	262	13	14	11	..
2720 Basic precious and non-ferrous metals	-	-	-	..	-	-	-	..	-	-	-	9
273 Casting of metals	-	-	-	..	-	-	-	..	-	-	-	..
2731 Casting of iron and steel	8	8	6	5	445	478	388	262	13	14	11	..
2732 Casting of non-ferrous metals	-	-	-	..	-	-	-	..	-	-	-	..
281 Struct. metal products; tanks; steam generators	209	222	223	218	9567	10295	11071	11392	251	276	287	279
2811 Structural metal products	189	202	204	200	8850	9568	10468	10789	225	251	264	258
2812 Tanks, reservoirs and containers of metal	13	12	11	11	526	516	411	441	18	17	15	14
2813 Steam generators	7	8	8	7	191	193	192	162	8	8	8	7
289 Other metal products; metal working services	396	411	408	411	25158	25401	26036	26680	8	802	773	756
2891 Metal forging/pressing/stamping/roll-forming	86	83	75	75	8138	7811	8307	8730	221	226	228	232
2892 Treatment & coating of metals	76	88	92	94	3095	3538	3766	3904	32	104	100	102
2893 Cutlery, hand tools and general hardware	10	9	9	9	1215	1058	863	842	31	32	24	23
2899 Other fabricated metal products n.e.c.	224	231	232	233	12750	12994	13100	13204	411	441	421	399
291 General purpose machinery	154	168	171	181	13815	14580	14030	13998	451	499	449	454
2911 Engines & turbines(not for transport equip.)	8	8	8	9	357	359	371	421	15	16	16	18
2912 Pumps, compressors, taps and valves	9	10	10	10	2109	2325	2613	2794	63	68	69	77
2913 Bearings, gears, gearing & driving elements	-	-	-	-	-	-	-	-	-	-	-	-
2914 Ovens, furnaces, and furnace burners	45	50	51	53	3907	4408	4490	4373	146	173	162	153
2915 Lifting and handling equipment	92	100	102	109	7442	7488	6565	6410	226	242	226	206
2919 Other general purpose machinery	406	426	418	420	19664	21112	21810	21019	675	755	755	715
292 Special purpose machinery	211	221	208	212	6852	7556	7553	7629	227	255	250	242
2921 Agricultural and forestry machinery	-	-	-	-	-	-	-	-	-	-	-	-
2922 Machine tools	46	51	49	55	5311	5797	5830	5437	192	222	233	216
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	149	154	161	153	7501	7759	8427	7953	256	279	272	257
2929 Other special purpose machinery	5	6	6	6	1666	1704	1536	1346	57	58	53	37
2930 Dcastic appliances n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-

continued

Singapore

ISIC Industry	Number of establishments (numbers)				Number of persons engaged (numbers)				Wages and salaries paid to employees (million DOLLARS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
3000 Office, accounting and computing machinery		45	43	35	31		57703	55066	46709	44533		1293	1380	1269	1188
3110 Electric motors, generators and transformers		29	31	32	29		4361	4186	3534	2676		131	119	116	88
3120 Electricity distribution & control apparatus		41	44	41	42		2426	2467	1893	1697		70	79	65	51
3130 Insulated wire and cable		50	53	49	46		6362	6186	5692	4987		198	197	192	171
3140 Accumulators, primary cells and batteries		10	11	7	6		1869	1641	1096	886		66	61	40	34
3150 Lighting equipment and electric lamps		14	14	15	15		312	338	315	319		9	9	11	9
3190 Other electrical equipment n.e.c.		8	8	9	7		322	368	467	411		14	16	18	15
3210 Electronic valves, tubes, etc.		163	165	160	147		51940	52757	51571	50403		1670	1712	1800	1757
3220 TV/radio transmitters; line comm. apparatus		11	12	15	14		4219	4811	4354	4354		159	196	242	213
3230 TV and radio receivers and associated goods		19	18	15	13		14593	11229	7483	6536		400	353	278	227
331 Medical, measuring, testing appliances, etc.		44	48	45	45		6281	6118	6166	5769		197	195	210	204
3311 Medical, surgical and orthopaedic equipment		15	16	16	14		3612	3555	3472	3472		96	99	108	104
3312 Measuring/testing/navigating appliances, etc.		18	20	17	18		785	824	708	691		21	23	22	22
3313 Industrial process control equipment		11	12	12	13		1884	1739	1703	1606		80	73	80	78
3320 Optical instruments & photographic equipment		10	11	11	13		1797	1815	1852	1876		49	53	54	57
3330 Watches and clocks		8	8	7	6		1213	1171	975	913		43	43	39	37
3410 Motor vehicles		23	25	25	25		1460	1714	1744	1700		57	70	71	73
3420 Automobile bodies, trailers & semi-trailers		13	15	15	14		1023	1278	1322	1271		40	53	55	56
3430 Parts/accessories for automobiles		10	10	10	11		437	438	422	429		16	16	16	18
351 Building and repairing of ships and boats		239	246	237	243		23749	22738	23932	22747		634	619	631	576
3511 Building and repairing of ships		153	152	146	144		19561	18415	19556	18185		486	467	487	429
3512 Building/repairing of pleasure/sport. boats		86	94	91	99		4188	4323	4376	4562		148	152	143	147
3520 Railway/tramway locomotives & rolling stock		-	-	-	-		-	-	-	-		-	-	-	-
3530 Aircraft and spacecraft		39	40	40	43		9012	9767	10831	10093		452	512	527	557
359 Transport equipment n.e.c.		6	5	6	6		671	635	611	534		22	21	23	19
3591 Motorcycles		-	-	-	-		-	-	-	-		-	-	-	-
3592 Bicycles and invalid carriages		-	-	-	-		-	-	-	-		-	-	-	-
3599 Other transport equipment n.e.c.		6	-	-	-		671	-	-	-		22	-	-	-
3610 Furniture		152	155	153	154		5499	6184	5968	4685		129	143	133	112
369 Manufacturing n.e.c.		127	118	117	120		3748	3699	3078	3039		95	103	85	82
3691 Jewellery and related articles		51	47	48	49		931	933	867	800		23	25	23	21
3692 Musical instruments		-	-	-	-		-	-	-	-		-	-	-	-
3693 Sports goods		6	6	5	5		443	360	118	163		-	-	-	-
3694 Games and toys		70	65	64	66		2374	2406	2093	2076		63	69	59	59
3699 Other manufacturing n.e.c.		10	10	12	14		175	192	239	345		5	6	7	10
3710 Recycling of metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
3720 Recycling of non-metal waste and scrap		-	-	-	-		-	-	-	-		-	-	-	-
D Total manufacturing		4068	4108	4029	3953		368119	366696	354033	340595		11253	11926	11839	11293

Singapore

ISIC Industry	Output in factor values (million DOLLARS)				Value added in factor values (million DOLLARS)				Gross fixed capital formation (million DOLLARS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		852	934	852	904		158	183	186	186
1511 Processing/preserving of meat		196	230	230	231		57	69	73	67
1512 Processing/preserving of fish		155	185	167	188		32	39	45	51
1513 Processing/preserving of fruit & vegetables		17	22	21	22		6	8	8	9
1514 Vegetable and animal oils and fats		484	502	434	462		62	67	60	59
1520 Dairy products		310	295	267	262		132	124	124	118
153 Grain mill products; starches; animal feeds		98	90	93	82		25	27	28	27
1531 Grain mill products		-	-	-	-		-	-	-	-
1532 Starches and starch products		-	-	-	-		-	-	-	-
1533 Prepared animal feeds		98	1938	1720	1616		25	736	698	695
154 Other food products		1853	281	287	297		709	153	161	167
1541 Bakery products		271	-	-	-		143	-	-	-
1542 Sugar		-	-	-	-		-	-	-	-
1543 Cocoa, chocolate and sugar confectionery		189	209	235	230		55	44	39	45
1544 Macaroni, noodles & similar products		80	79	76	81		34	34	37	37
1549 Other food products n.e.c.		1313	1370	1122	1008		478	505	465	447
155 Beverages		538	542	543	516		287	306	321	308
1551 Distilling, rectifying & blending of spirits		-	-	-	-		-	-	-	-
1552 Wines		-	-	-	-		-	-	-	-
1553 Malt liquors and malt		-	-	-	-		287	-	-	-
1554 Soft drinks; mineral waters		538	-	-	-		-	-	-	-
1600 Tobacco products		-	-	-	-		-	-	-	-
171 Spinning, weaving and finishing of textiles		114	118	128	125		39	44	44	46
1711 Textile fibre preparation; textile weaving		114	-	-	-		39	-	-	-
1712 Finishing of textiles		-	-	-	-		-	-	-	-
172 Other textiles		56	56	48	56		25	27	22	26
1721 Made-up textile articles, except apparel		56	-	-	-		25	-	-	-
1722 Carpets and rugs		-	-	-	-		-	-	-	-
1723 Cordage, rope, twine and netting		-	-	-	-		-	-	-	-
1729 Other textiles n.e.c.		-	-	-	-		-	-	-	-
1730 Knitted and crocheted fabrics and articles		67	82	77	54		16	19	17	15
1810 Wearing apparel, except fur apparel		802	773	787	807		243	224	238	250
1820 Dressing & dyeing of fur; processing of fur		-	-	-	-		-	-	-	-
191 Tanning, dressing and processing of leather		75	120	114	147		28	40	38	40
1911 Tanning and dressing of leather		-	-	-	-		-	-	-	-
1912 Luggage, handbags, etc.; saddlery & harness		75	32	-	17		28	11	-	-
1920 Footwear		37	-	17	-		15	-	6	7
2010 Sawmilling and planing of wood		22	18	15	12		10	8	7	6
202 Products of wood, cork, straw, etc.		248	273	285	237		72	85	90	71
2021 Veneer sheets, plywood, particle board, etc.		39	32	-	-		11	7	-	-
2022 Builders' carpentry and joinery		135	165	196	142		39	55	61	43
2023 Wooden containers		75	75	90	95		21	23	28	29
2029 Other wood products; articles of cork/straw		-	-	-	-		-	-	-	-
210 Paper and paper products		1022	955	820	827		472	462	404	399
2101 Pulp, paper and paperboard		-	-	-	-		-	-	-	-
2102 Corrugated paper and paperboard		810	780	685	699		394	400	350	350
2109 Other articles of paper and paperboard		212	175	135	128		77	63	54	49
221 Publishing of books and other publications		1114	1163	1032	-		820	918	790	-
2211 Publishing of newspapers, journals, etc.		111	118	128	-		62	70	67	-
2212 Publishing of newspapers, journals, etc.		1004	1045	905	-		757	848	723	-
2213 Publishing of recorded media		-	-	-	-		-	-	-	-
2219 Other publishing		-	-	-	-		-	-	-	-

continued

Singapore

ISIC Industry	Output in factor values (million DOLLARS)				Value added in factor values (million DOLLARS)				Gross fixed capital formation (million DOLLARS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
222 Printing and related service activities		1568	1560	1555	2470		771	813	791	1493
221 Printing		1402	1395	1396	2299		653	693	675	1372
2222 Service activities related to printing		165	165	159	171		118	119	116	121
2230 Reproduction of recorded media		73	77	100	194		50	52	65	126
2310 Coke oven products		13746	14637	12752	13595		2042	2133	1910	1960
2320 Refined petroleum products										
2330 Processing of nuclear fuel										
241 Basic chemicals		1837	2244	2215	2690		599	682	731	862
2411 Basic chemicals, except fertilizers		420	500	448	476		181	225	212	247
2412 Fertilizers and nitrogen compounds		1417	1744	1767	2214		418	457	520	615
2413 Plastics in primary forms; synthetic rubber		5326	7095	7941	11180		2822	3250	4107	6470
242 Other chemicals		554	609	562	655		200	240	218	274
2421 Pesticides and other agro-chemical products		1696	1803	2857	4914		1493	1590	2517	4595
2422 Paints, varnishes, printing ink and mastics		418	426	404	484		160	176	161	171
2423 Pharmaceuticals, medicinal chemicals, etc.		2658	4257	4118	5137		969	1245	1212	1484
2424 Soap, cleaning & cosmetic preparations										
2429 Other chemical products n.e.c.										
2430 Man-made fibres										
251 Rubber products		232	284	306	367		105	122	137	163
2511 Rubber tyres and tubes										
2519 Other rubber products		232	284	306	367		105	122	137	163
2520 Plastic products		2369	2371	2123	2298		939	936	859	914
2610 Glass and glass products		390	405	342	377		188	188	171	217
269 Non-metallic mineral products n.e.c.		1982	2222	1772	1309		567	592	548	436
2691 Pottery, china and earthenware										
2692 Refractory ceramic products										
2693 Structural non-refractory clay; ceramic products		32	29	30	16		18	16	16	9
2694 Cement, lime and plaster		477	421	1365	945		168	138	346	235
2695 Articles of concrete, cement and plaster		1080	1350				196	255		53
2696 Cutting, shaping & finishing of stone		110					51			
2699 Other non-metallic mineral products n.e.c.		282	422	377	347		134	184	185	192
2710 Basic iron and steel		568	579	485	504		144	145	140	163
2720 Basic precious and non-ferrous metals										
273 Casting of metals		69	67	46	43		34	30	22	19
2731 Casting of iron and steel										
2732 Casting of non-ferrous metals		69					34			
281 Structural metal products; tanks; steam generators		1547	1629	1664	1556		507	531	592	560
2811 Structural metal products		1407	1517	1568	1476		467	484	548	526
2812 Tanks, reservoirs and containers of metal		103	75	57	51		33	30	25	22
2813 Steam generators		36	38	38	29		17	18	19	12
289 Other metal products; metal working services		4751	4867	4705	4899		1675	1711	1638	1725
2891 Metal forging/pressing/stamping/roll-forming		1286	1297	1375	1495		476	490	480	514
2892 Treatment & coating of metals		400	427	372	410		209	219	191	205
2893 Cutlery, hand tools and general hardware		136	133	115	117		81	85	74	69
2899 Other fabricated metal products n.e.c.		2929	3009	2842	2878		909	917	893	937
291 General purpose machinery		2684	2839	2192	2360		998	1042	911	972
2911 Engines & turbines (not for transport equip.)										
2912 Pumps, compressors, taps and valves		92	113	99	104		26	29	30	34
2913 Bearings, gears, gearing & driving elements		372	393	391	475		206	221	218	250
2914 Ovens, furnaces and furnace burners										
2915 Lifting and handling equipment		609	664	601	585		219	249	233	236
2919 Other general purpose machinery		1611	1668	1101	1196		547	543	430	453

292 Special purpose machinery	3334	3635	3638	3399	1343	1441	1527	1482	230	178
2921 Agricultural and forestry machinery	850	911	835	875	418	459	426	460	77	79
2922 Machine tools	1238	1438	1550	1240	399	438	588	493	48	34
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	1246	1286	1253	1284	526	544	513	529	105	65
2929 Other special purpose machinery	434	423	394	339	145	153	151	89	11	27
2930 Domestic appliances n.e.c.	37232	39979	37751	40818	9451	9789	9386	10770	976	710
3000 Office, accounting and computing machinery	788	794	656	582	224	233	202	167	33	36
3110 Electric motors, generators and transformers	1407	1376	1138	1120	483	512	427	437	101	12
3120 Electricity distribution & control apparatus	348	330	238	163	174	174	129	127	6	52
3130 Insulated wire and cable	36	40	40	35	13	13	12	11	2	13
3140 Accumulators, primary cells and batteries	87	96	122	91	27	31	35	23	2	4
3150 Lighting equipment and electric lamps	17599	17665	18374	21895	5294	5382	5384	7399	2510	2671
3190 Other electrical equipment n.e.c.	1684	2053	2427	3640	722	832	901	1271	85	49
3210 Electronic valves, tubes, etc.	4399	3208	2296	2366	964	803	635	584	69	93
3220 TV/radio transmitters; line comm. apparatus	1222	1317	1764	2038	616	680	956	1112	69	68
3230 TV and radio receivers and associated goods	722	769	1101	1302	423	458	675	804	35	49
331 Medical, measuring, testing appliances, etc.	120	125	96	109	40	44	42	46	3	3
3311 Medical, surgical and orthopaedic equipment	379	422	567	626	184	178	240	262	31	16
3312 Measuring/testing/navigating appliances, etc.	130	162	175	239	85	98	96	131	12	21
3313 Industrial process control equipment	195	215	171	184	64	64	63	69	11	29
3320 Optical instruments & photographic equipment	282	321	359	375	96	116	148	135	7	6
3330 Watches and clocks	205	248	290	299	64	826	113	95	4	2
3410 Motor vehicles	78	74	68	76	32	33	35	39	2	4
3420 Automobile bodies, trailers & semi-trailers	2714	2662	3008	2759	1097	1085	1191	1067	97	52
3430 Parts/accessories for automobiles	2278	2228	2604	2328	875	855	957	834	76	32
351 Building and repairing of ships and boats	436	434	404	431	222	231	233	233	22	20
3511 Building and repairing of ships	1575	1909	2194	2353	902	1089	1252	1349	131	141
3512 Building/repairing of pleasure/sport. boats	256	275	253	273	116	119	133	139	8	9
3520 Railway/tramway locomotives & rolling stock	-	-	-	-	-	-	-	-	-	-
359 Aircraft and spacecraft	-	-	-	-	-	-	-	-	-	-
359 Aircraft and spacecraft	-	-	-	-	-	-	-	-	-	-
3591 Motorcycles	-	-	-	-	-	-	-	-	-	-
3592 Bicycles and invalid carriages	-	-	-	-	-	-	-	-	-	-
3599 Other transport equipment n.e.c.	256	-	-	-	116	-	-	-	-	-
3610 Furniture	650	663	551	502	228	247	207	187	17	17
369 Jewellery and related articles	288	275	219	189	174	197	163	148	218	31
3692 Musical instruments	-	-	-	-	31	30	30	25	1	2
3693 Sports goods	-	-	-	-	-	-	-	-	-	-
3694 Games and toys	56	48	18	17	6	12	4	3	-	3
3699 Other manufacturing n.e.c.	321	329	277	249	137	154	129	119	217	26
3710 Recycling of metal waste and scrap	37	45	41	64	13	17	19	26	4	21
3720 Recycling of non-metal waste and scrap	-	-	-	-	-	-	-	-	-	-
D Total manufacturing	119869	126531	121792	133952	36881	38688	38931	45249	6947	7790

Singapore

ISIC Industry		Index numbers of industrial production (1990=100)																
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999					
	Note																	
15	Food and beverages	99	99	100	104	110	112	113	115	112	115	112	113	115	112	99	104	
16	Tobacco products	47	68	100	111	126	130	180	173	182	173	142	180	173	142	125	...	
17	Textiles	102	107	100	107	94	83	58	43	80	43	46	58	43	46	45	44	
18	Wearing apparel, fur	105	107	100	100	90	71	51	42	62	42	40	51	42	40	45	46	
19	Leather, leather products and footwear	113	100	100	111	107	104	90	76	97	76	69	90	76	69	70	85	
20	Wood products (excl. furniture)	115	107	100	85	86	79	71	74	73	74	67	71	74	67	67	64	
21	Paper and paper products	93	95	100	104	92	93	107	102	99	102	94	107	102	94	82	86	
22	Printing and publishing	82	91	100	109	116	126	141	141	135	141	145	141	141	145	131	144	
23	Coke, refined petroleum products, nuclear fuel	78	88	100	103	104	120	119	126	122	126	131	119	126	131	129	118	
24	Chemicals and chemical products	75	83	100	115	107	112	127	136	126	136	171	127	136	171	214	271	
25	Rubber and plastics products	102	102	100	111	108	115	141	130	128	130	124	141	130	124	103	115	
26	Non-metallic mineral products	68	94	100	107	116	125	143	151	124	151	146	143	151	146	128	115	
27	Basic metals	91	91	100	98	103	109	101	101	111	101	107	101	101	107	89	94	
28	Fabricated metal products	98	102	100	101	107	111	143	140	124	140	136	143	140	136	129	125	
29	Machinery and equipment n.e.c.	79	93	100	113	111	105	143	150	127	150	160	143	150	160	146	139	
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	95	108	100	109	109	113	131	130	125	130	134	131	130	134	130	158	
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	74	90	100	105	105	104	113	107	112	107	115	113	107	115	131	126	
35	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.	124	96	100	102	88	83	68	65	87	65	63	68	65	63	50	47	
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	83	91	100	105	108	119	148	153	134	153	160	148	153	160	159	181	

a/ 31 includes 32 and 33.

b/ 34 includes 35.

SLOVENIA

<p>Supplier of information: Statistical Office of the Republic of Slovenia, Ljubljana.</p> <p>Basic source of data: 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>Major deviations from ISIC (Revision 2): Data are based on the Standard Classification of Economic Activities, in accordance with NACE (Revision 1).</p> <p>Reference period (if not calendar year):</p> <p>Scope: All registered establishments.</p> <p>Method of enumeration: Individual sites are visited by enumerators.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <u>Output</u> and <u>value added</u> are valued in basic values.</p> <p>Related national publications: 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 Industry	Number of enterprises (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million TOLARS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
311/2 Food products	a/	933	935	977	979	a/	21408	20550	20119	21542	a/	33385	48230	51575	58653
313 Beverages	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
314 Tobacco	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
321 Textiles	b/	2964	2382	2199	2187	b/	35190	32979	31613	31188	b/	33551	49711	52257	54585
322 Wearing apparel, except footwear	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
323 Leather and fur products	c/	773	521	427	424	c/	10227	8448	7247	7947	c/	9714	13334	12144	15373
324 Footwear, except rubber or plastic	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
331 Wood products, except furniture	d/	2368	1599	1613	1599	d/	13168	11491	11035	11329	d/	13852	19340	20590	21846
332 Furniture and fixtures, excl. metal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products	e/	1832	1591	1703	1692	e/	17079	16859	14847	15320	e/	24061	41852	45747	48181
342 Printing and publishing	e/	...	...	...	...	e/	...	...	...	...	e/	...	...	...	...
351 Industrial chemicals	f/	272	243	238	232	f/	14294	13843	13795	13449	f/	29247	44774	48222	50237
352 Other chemicals	f/	...	...	...	...	f/	...	...	...	...	f/	...	...	...	...
353 Petroleum refineries	g/	13	13	7	7	g/	845	782	763	718	g/	1516	2082	2087	1882
354 Misc. petroleum and coal products	g/	...	...	...	...	g/	...	...	...	...	g/	...	...	...	...
355 Rubber products	h/	1745	1334	1324	1324	h/	11132	10409	11754	10973	h/	14471	21681	25501	27326
356 Plastic products	h/	...	...	...	...	h/	...	...	...	...	h/	...	...	...	...
361 Pottery, china, earthenware	i/	519	425	450	457	i/	11658	10608	10447	10218	i/	15514	21567	23155	24386
362 Glass and products	i/	...	...	...	...	i/	...	...	...	...	i/	...	...	...	...
369 Other non-metallic mineral products	i/	...	...	...	...	i/	...	...	...	...	i/	...	...	...	...
371 Iron and steel	j/	6118	5005	5015	4969	j/	33759	31748	32391	33105	j/	40575	59427	66674	74160
372 Non-ferrous metals	j/	...	...	...	...	j/	...	...	...	...	j/	...	...	...	...
381 Fabricated metal products	k/	1369	1226	1369	1394	k/	23336	22785	23833	22126	k/	28290	44472	49766	51976
382 Non-electrical machinery	k/	2575	2104	2129	2103	k/	26637	25406	25897	25763	k/	35108	54053	59360	64985
383 Electrical machinery	k/	129	119	139	146	k/	10982	10058	10292	9815	k/	14001	20140	22615	24366
384 Transport equipment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	d/	3038	2487	2392	2426	d/	14626	14578	14286	14595	d/	15314	24490	25882	28302
3 Total manufacturing	...	24648	20084	20002	19939	...	244341	230544	228319	228088	...	308577	465153	505575	546258

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 Industry	Output (million TOLARS)				Value added (million TOLARS)				Gross fixed capital formation (million TOLARS)	
	Note	1995	1997	1998	1999	Note	1995	1997	1998	1999
		1996	1998	1999	1996		1997	1998	1999	
ISIC Industry										
311/2 Food products	a/	250605	273772	304346	324902	a/	76476	81998	96223	97185
313 Beverages	a/	...	...	...	...	a/	...	...	...	...
314 Tobacco	a/	...	...	...	...	a/	...	...	...	...
321 Textiles	c/	134756	149670	179209	179244	c/	57178	59865	71477	67259
322 Wearing apparel, except footwear	c/	39438	43168	38025	45557	c/	15324	15498	12959	17230
323 Leather and fur products	d/	...	...	...	...	d/	...	...	...	...
324 Footwear, except rubber or plastic	d/	...	...	...	...	d/	...	...	...	...
331 Wood products, except furniture	e/	82997	82085	94214	95745	e/	24450	24772	30609	30437
332 Furniture and fixtures, excl. Metal	e/	...	...	...	...	e/	...	...	...	...
341 Paper and products	f/	156846	176029	198153	201291	f/	53215	60075	68604	71665
342 Printing and publishing	f/	...	...	...	...	f/	...	...	...	...
351 Industrial chemicals	g/	186049	217016	237849	239977	g/	66261	81408	91311	97845
352 Other chemicals	g/	...	...	...	...	g/	...	...	...	...
353 Petroleum refineries	h/	19810	26281	13533	16172	h/	395	2147	2100	2472
354 Misc. petroleum and coal products	h/	...	...	...	...	h/	...	...	...	...
355 Rubber products	i/	38666	111942	133080	139076	i/	33996	38806	47494	46215
356 Plastic products	i/	...	...	...	...	i/	...	...	...	...
361 Pottery, china, earthenware	j/	79461	85247	98136	105405	j/	30358	33161	38045	42116
362 Glass and products	j/	...	...	...	...	j/	...	...	...	...
369 Other non-metallic mineral products	j/	...	...	...	...	j/	...	...	...	...
371 Iron and steel	k/	256293	293188	346646	367239	k/	78714	89189	111182	118735
372 Non-ferrous metals	k/	...	...	...	...	k/	...	...	...	...
381 Fabricated metal products	k/	167384	205770	247053	249978	k/	50161	63181	79897	78299
382 Non-electrical machinery	m/	193400	223628	247876	261918	m/	68364	81068	92709	96499
383 Electrical machinery	m/	183532	205189	274885	255507	m/	23221	24970	34706	36651
384 Transport equipment	m/	...	...	...	...	m/	...	...	...	...
385 Professional and scientific equipment	m/	...	...	...	...	m/	...	...	...	...
390 Other manufacturing industries	e/	87776	103515	112562	117314	e/	30799	35842	41197	42883
3 Total manufacturing		1877113	2196500	2525567	2599325		609415	691980	818513	845491

a/ 311/2 includes 313 and 314.
b/ 311/2 includes 313.
c/ 321 includes 322.
d/ 323 includes 324.
e/ 390 includes 332.
f/ 341 includes 342.
g/ 351 includes 352.
h/ 353 includes 354.
i/ 355 includes 356.
j/ 361 includes 362 and 369.
k/ 371 includes 372 and 381.
m/ 382 includes 385.

Slovenia

ISIC Industry		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
		Note												
311/2	Food products	103	99	100	96	78	76	79	80	83	77	83	77	
313	Beverages	96	89	100	96	85	82	81	78	85	88	85	88	
314	Tobacco	138	124	100	93	102	94	91	83	89	...	...	...
321	Textiles	126	119	100	81	70	70	70	80	84	77	84	82	
322	Wearing apparel, except footwear	100	108	100	91	79	80	74	68	64	69	64	66	
323	Leather and fur products	114	118	100	86	87	79	77	78	70	67	70	66	
324	Footwear, except rubber or plastic	120	120	100	75	74	74	71	57	42	50	42	45	
331	Wood products, except furniture	115	111	100	86	75	74	79	78	79	57	79	59	
332	Furniture and fixtures, excl. metal	128	119	100	95	88	92	95	104	107	138	107	156	
341	Paper and products	111	105	100	88	77	72	80	78	76	76	76	77	
342	Printing and publishing	81	105	100	104	88	96	99	82	78	63	78	47	
351	Industrial chemicals	127	125	100	82	79	73	87	86	99	103	99	109	
352	Other chemicals	113	108	100	90	61	61	71	61	71	33	73	36	
353	Petroleum refineries	84	88	100	111	111	110	71	108	77	84	77	38	
354	Misc. petroleum and coal products	119	111	100	85	87	94	121	111	146	...	146	...	
355	Rubber products	96	101	100	101	101	100	106	111	111	124	111	120	
356	Plastic products	103	106	100	89	67	72	78	83	80	87	80	91	
361	Pottery, china, earthenware	138	135	100	106	94	93	92	94	82	70	82	79	
362	Glass and products	88	105	100	85	80	81	98	104	102	99	102	112	
369	Other non-metallic mineral products	113	107	100	86	79	72	79	79	85	92	85	...	
371	Iron and steel	117	115	100	70	68	62	71	72	60	53	60	53	
372	Non-ferrous metals	97	103	100	88	81	79	82	89	89	77	89	78	
381	Fabricated metal products	115	118	100	94	80	76	76	70	70	71	70	74	
382	Non-electrical machinery	99	109	100	79	64	61	72	76	72	63	72	69	
383	Electrical machinery	126	133	100	84	68	70	86	100	117	86	117	86	
384	Transport equipment	107	107	100	82	68	56	55	57	53	49	53	63	
385	Professional and scientific equipment	106	102	100	101	95	97	106	125	111	129	111	201	
390	Other manufacturing industries	165	143	100	77	84	97	93	91	94	102	94	...	
3	Total manufacturing	114	114	100	87	75	73	78	81	83	...	83	...	

SPAIN

<p>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.</p> <p>Basic source of data: Business industrial survey.</p> <p>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).</p> <p>Reference period (if not calendar year):</p> <p>Scope: All units employing one or more persons.</p> <p>Method of enumeration: Establishments with 20 or more persons engaged are completely enumerated. Smaller establishments are sampled.</p> <p>Adjusted for non-response: Yes.</p>	<p>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.</p> <p>Related national publications: Encuesta Industrial Anual de Empresas (I.N.E.), published by the Instituto Nacional de Estadística, Madrid.</p>
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Spain

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees			
	Note	(numbers)			Note	(thousands)			Note	(billion PESETAS)		
		1996	1997	1998		1999	1996	1997		1998	1999	
		1996	1997	1998		1999	1996	1997		1998	1999	
151 Processed meat, fish, fruit, vegetables, fats	6108	5954	6254	6152	112.9	118.1	123.6	129.8	247.7	262.4	283.2	304.8
1511 Processing/preserving of meat	3139	3028	3284	3144	56.5	57.0	60.4	61.7	130.1	133.7	146.2	149.8
1512 Processing/preserving of fish	563	531	589	531	16.8	17.4	18.6	18.7	30.3	32.8	35.6	36.1
1513 Processing/preserving of fruit & vegetables	1099	1145	1137	1191	29.7	31.3	33.4	36.8	59.6	64.8	72.2	83.5
1514 Vegetable and animal oils and fats	1307	1250	1286	1286	9.8	12.5	11.1	12.6	27.7	31.1	29.1	35.3
1520 Dairy products	921	1030	911	1044	25.4	25.3	25.4	26.4	82.2	82.9	84.9	89.3
1521 Grain mill products	1461	1484	1402	1374	19.0	19.9	19.3	18.9	53.4	58.8	59.9	59.8
1531 Grain mill products	616	619	569	574	6.3	6.4	6.2	6.0	15.6	15.9	17.2	17.0
1532 Starches and starch products	811	851	798	771	1.2	1.4	1.0	1.0	32.6	37.7	37.8	51.1
1533 Prepared animal feeds	17019	15904	15251	15745	11.5	12.4	12.1	11.9	280.1	289.5	300.1	310.3
154 Other food products	14581	13557	12724	13342	89.6	86.8	84.4	88.2	166.8	168.7	170.6	185.3
1541 Bakery products	54	43	87	35	3.9	3.6	3.2	2.9	13.3	12.7	13.5	11.7
1542 Sugar	1217	1043	1066	1025	16.4	15.0	15.4	15.0	41.2	40.7	42.6	42.0
1543 Cocoa, chocolate and sugar confectionery	123	179	68	137	2.0	1.8	1.6	2.1	6.1	5.1	4.7	5.3
1544 Macaroni, noodles & similar products	1045	1081	1305	1205	16.9	17.7	17.9	19.5	52.7	62.3	68.6	66.0
1549 Other food products n.e.c.	2575	2526	2469	2514	44.3	43.6	43.2	44.4	167.9	173.8	177.2	182.8
155 Beverages	263	345	270	280	3.4	5.0	4.6	4.5	11.4	20.5	19.7	19.0
1551 Distilling, rectifying & blending of spirits	1976	1727	1766	1836	16.0	15.7	16.6	17.7	45.7	43.2	47.6	51.6
1552 Wines	29	32	30	32	9.4	8.8	8.3	8.5	48.3	49.2	47.6	49.7
1553 Malt liquors and malt	407	422	404	366	15.5	14.0	13.7	13.7	62.5	60.8	61.3	62.5
1554 Soft drinks; mineral waters	36	37	39	43	8.8	9.3	9.3	7.6	35.7	37.1	40.4	32.9
1600 Tobacco products	2839	2677	2507	2794	50.7	48.1	49.1	50.5	114.3	112.5	115.2	122.7
171 Spinning, weaving and finishing of textiles	1810	1856	1677	1831	35.3	34.4	35.2	35.8	76.9	77.4	78.8	83.4
1711 Textile fibre preparation; textile weaving	1029	822	831	963	15.4	13.8	13.9	14.7	37.3	37.3	36.5	39.3
1712 Finishing of textiles	2832	2755	2755	2975	14.7	29.0	27.6	31.6	54.5	59.5	60.4	69.4
172 Other textiles	1882	1886	1855	2059	2.1	2.5	2.2	2.4	25.7	28.1	28.9	35.9
1721 Made-up textile articles, except apparel	175	156	120	159	2.1	2.5	2.2	2.4	5.4	6.3	6.3	6.9
1722 Carpets and rugs	107	208	226	140	1.2	1.8	1.7	1.7	2.2	3.3	3.5	3.4
1723 Cordage, rope, twine and netting	668	595	554	616	9.6	9.6	8.6	9.3	21.3	21.7	21.6	23.2
1729 Other textiles n.e.c.	1278	1278	1329	1428	18.0	18.2	19.2	20.1	35.8	36.9	40.5	42.7
1730 Knitted and crocheted fabrics and articles	10118	10549	11138	10728	105.3	113.7	123.9	125.9	179.4	192.7	209.1	226.4
180 Wearing apparel, except fur apparel	449	465	424	411	3.0	3.0	2.6	2.6	6.6	6.7	5.9	6.2
1820 Dressing & dyeing of fur; processing of fur	1897	1487	1432	1337	16.4	15.5	14.7	14.3	34.5	34.1	34.9	33.5
191 Tanning, dressing and processing of leather	344	302	299	314	7.1	7.1	6.7	6.7	17.7	18.4	18.0	18.5
1911 Tanning and dressing of leather	1353	1184	1133	1023	9.3	8.4	8.0	7.6	16.8	16.9	16.9	15.0
1912 Luggage, handbags, etc.; saddlery & harness	5081	4367	4920	4686	49.6	49.5	53.3	50.5	74.5	78.3	88.2	88.3
1920 Footwear	1529	1429	1482	1444	10.4	10.8	10.6	11.2	17.3	19.5	20.2	21.7
2010 Sawmilling and planing of wood	11888	10712	10834	10234	69.4	68.4	73.2	76.0	134.4	137.5	151.1	164.7
202 Products of wood, cork, straw, etc.	387	457	355	421	9.0	9.9	10.3	11.2	21.0	23.7	25.3	28.7
2021 Veneer sheets, plywood, particle board, etc.	9175	7726	7983	7556	41.1	38.1	41.8	43.0	76.2	74.2	81.7	89.3
2022 Builders' carpentry and joinery	917	837	889	718	8.4	8.0	8.3	8.6	15.4	15.2	17.4	17.8
2023 Wooden containers	1408	1691	1606	1538	11.0	12.3	12.7	13.1	21.7	24.3	26.7	28.9
2029 Other wood products; articles of cork/straw	1933	1952	1854	1772	49.0	49.9	48.8	51.2	149.6	161.7	165.6	178.3
210 Paper and paper products	290	251	241	232	15.0	14.6	13.7	13.9	55.0	55.2	55.2	58.0
2101 Pulp, paper and paperboard	787	932	858	896	21.0	21.5	21.5	22.1	58.4	63.9	65.6	71.5
2102 Corrugated paper and paperboard	857	768	755	644	13.0	13.8	13.6	15.3	36.1	41.3	44.8	48.7
2109 Other articles of paper and paperboard	2989	3136	3101	3187	38.0	40.7	40.9	42.1	154.7	166.4	180.0	181.7
221 Publishing of books and other publications	1538	2120	2057	1538	16.4	19.1	19.1	16.6	68.3	68.3	74.0	68.4
2212 Publishing of newspapers, journals, etc.	1003	781	951	826	19.7	20.6	20.6	22.1	87.9	95.0	101.3	104.2
2213 Publishing of recorded media	272	36	20	367	0.6	0.3	0.3	0.8	1.9	1.3	1.9	2.8
2219 Other publishing	176	200	74	392	1.2	0.8	0.9	2.6	3.2	1.8	2.1	6.3

222 Printing and related service activities	10443	9903	74.2	72.8	75.4	72.3	194.8	201.0	218.2	219.8
2221 Printing	8367	7717	59.7	56.8	61.1	56.3	157.6	161.4	180.5	173.9
2222 Service activities related to printing	2077	2186	14.5	15.9	14.3	16.0	37.2	39.7	37.7	45.9
2230 Reproduction of recorded media	46	55	0.8	0.8	0.9	0.9	2.3	2.2	2.8	3.0
2310 Coke oven products	..	..	7.8	8.5	8.1	7.6	46.3	52.0	51.9	49.7
2320 Refined petroleum products	18	16	..	..	0.6	..	..	..	3.5	..
2330 Processing of nuclear fuel	2	..	..	..	..	..	..	..	..	..
241 Basic chemicals	842	1071	33.1	32.9	32.4	33.5	151.3	149.9	154.9	161.0
2411 Basic chemicals, except fertilizers	394	474	18.0	17.0	16.2	16.6	85.1	78.5	79.4	82.5
2412 Fertilizers and nitrogen compounds	143	176	3.8	3.8	4.5	3.4	12.2	12.0	15.9	12.3
2413 Plastics in primary forms; synthetic rubber	310	521	11.7	12.1	11.7	13.4	54.1	59.4	59.6	66.2
242 Other chemicals	2873	2738	87.8	88.3	89.1	91.3	374.8	377.4	399.0	419.8
2421 Pesticides and other agro-chemical products	76	68	2.3	2.7	2.8	2.7	9.3	10.9	11.9	14.0
2422 Paints, varnishes, printing ink and mastics	642	595	37.9	36.1	35.7	35.8	191.5	177.7	196.7	199.5
2423 Pharmaceuticals, medicinal chemicals, etc.	412	394	13.9	14.7	14.9	15.4	50.3	54.2	57.6	59.5
2424 Soap, cleaning & cosmetic preparations	1120	1002	21.9	22.6	22.6	24.1	77.8	85.5	88.8	94.0
2429 Other chemical products n.e.c.	623	679	11.8	12.2	13.1	13.3	45.9	49.1	52.6	55.5
2430 Man-made fibres	46	42	5.8	5.9	6.0	5.6	22.5	23.1	25.1	25.8
251 Rubber products	889	717	29.6	29.3	30.4	30.6	100.9	104.3	114.0	115.7
2511 Rubber tyres and tubes	247	262	16.1	16.1	16.1	16.8	62.7	65.7	68.6	72.9
2519 Other rubber products	501	464	13.5	13.3	14.2	13.8	38.2	38.6	45.4	42.8
2520 Plastic products	3870	3831	69.7	68.7	72.0	75.2	189.0	194.5	214.0	221.2
2610 Glass and glass products	1058	1055	21.7	22.9	22.6	23.2	64.6	69.1	73.3	78.6
269 Non-metallic mineral products n.e.c.	9232	9517	126.5	129.3	132.8	132.2	334.3	356.6	388.6	418.6
2691 Pottery, china and earthenware	1057	1003	15.5	15.9	15.4	15.9	38.2	40.1	42.4	44.2
2692 Refractory ceramic products	64	85	2.5	2.9	2.8	2.6	8.0	9.2	9.1	9.2
2693 Struct. non-refractory clay; ceramic products	920	989	28.7	30.8	31.3	35.2	77.7	85.3	92.5	104.3
2694 Cement, lime and plaster	301	266	9.5	9.3	9.3	9.1	42.4	43.1	45.9	48.5
2695 Articles of concrete, cement and plaster	3247	3463	37.4	36.6	39.3	43.1	91.7	96.1	108.0	117.6
2696 Cutting, shaping & finishing of stone	3330	3465	27.5	27.7	28.2	30.3	58.3	60.5	66.7	71.7
2699 Other non-metallic mineral products n.e.c.	313	287	5.4	6.2	6.5	5.9	18.1	22.3	24.0	23.1
2710 Basic iron and steel	480	454	33.6	33.9	35.1	35.7	131.1	135.4	145.8	150.6
2720 Basic precious and non-ferrous metals	313	283	13.4	13.4	13.8	13.8	50.9	52.5	55.6	54.9
273 Casting of metals	743	702	18.8	19.5	19.8	20.5	56.9	59.7	63.5	67.1
2731 Casting of iron and steel	416	324	13.4	13.0	13.6	13.2	41.1	39.6	43.6	43.0
2732 Casting of non-ferrous metals	328	378	5.4	6.6	6.1	7.3	15.8	20.1	20.0	24.2
281 Structural metal products; tanks; steam generators	13963	14158	91.8	91.6	101.9	109.7	209.1	217.2	247.6	273.4
2811 Structural metal products	13059	13333	78.4	78.2	88.3	93.7	172.5	178.9	208.0	224.7
2812 Tanks, reservoirs and containers of metal	745	667	10.5	10.7	10.9	12.6	28.1	29.9	31.1	37.0
2813 Steam generators	159	158	2.9	2.7	2.6	3.4	8.5	8.4	8.4	11.7
289 Other metal products; metal working services	12107	13000	133.8	142.0	149.9	160.8	372.9	403.2	443.1	490.5
2891 Metal forging/pressing/stamping/roll-forming	1932	1826	20.2	20.7	22.5	23.6	60.5	60.3	69.2	75.1
2892 Treatment & coating of metals	5344	5604	47.1	52.4	55.3	60.5	122.2	142.8	158.0	180.9
2893 Cutlery, hand tools and general hardware	2039	2443	22.9	24.2	24.1	26.9	67.4	72.3	84.2	84.2
2899 Other fabricated metal products n.e.c.	3191	3327	43.5	44.7	48.0	49.8	122.9	127.8	142.3	150.2
291 General purpose machinery	3447	3525	62.5	65.7	70.3	72.9	206.7	214.5	236.8	255.4
2911 Engines & turbines (not for transport equip.)	195	181	2.2	2.7	2.6	2.6	7.7	8.8	9.5	9.6
2912 Pumps, compressors, taps and valves	539	498	12.5	11.3	11.6	11.7	39.2	37.3	39.0	41.6
2913 Bearings, gears, gearing & driving elements	212	221	3.8	4.3	4.8	4.6	12.0	14.3	17.3	15.9
2914 Ovens, furnaces and furnace burners	127	68	0.8	1.1	1.2	0.7	2.9	3.4	3.5	2.2
2915 Lifting and handling equipment	718	908	18.9	20.5	22.6	25.8	63.7	71.5	77.9	93.8
2919 Other general purpose machinery	1667	1634	24.2	25.8	27.5	27.5	81.2	79.2	89.6	92.3
292 Special purpose machinery	5484	5602	60.5	60.7	64.3	66.9	182.3	190.5	212.3	224.5
2921 Agricultural and forestry machinery	1158	1094	9.2	7.9	8.8	9.0	31.3	19.8	22.2	23.9
2922 Machine tools	672	648	10.1	11.5	12.3	13.1	32.4	37.9	42.8	47.0
2923 Machinery for metallurgy	134	694	2.5	3.8	3.9	4.8	8.8	11.5	14.0	15.3
2924 Machinery for mining & construction	470	562	7.4	6.9	5.6	6.6	21.0	20.8	17.7	21.0
2925 Food/beverage/tobacco processing machinery	671	936	8.3	7.9	8.9	8.7	23.5	26.6	27.2	27.2
2926 Machinery for textile, apparel and leather	553	389	4.9	5.4	4.9	5.8	14.7	15.7	18.2	18.2
2927 Weapons and ammunition	49	47	2.7	2.7	2.6	2.6	11.7	12.2	12.2	13.0
2929 Other special purpose machinery	1556	1285	15.4	14.6	17.3	16.2	48.9	48.9	61.2	58.8
2930 Decastic appliances n.e.c.	335	305	17.7	17.7	19.4	20.1	52.9	53.3	60.4	64.8

continued

Spain

ISIC Revision 3	Number of establishments				Number of employees				Wages and salaries paid to employees (billion PESETAS)						
	Note	(numbers)			Note	(thousands)			Note	(billion PESETAS)					
		1996	1997	1998		1999	1996	1997		1998	1999				
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
3000 Office, accounting and computing machinery		154	183	222	215		8.9	7.7	7.6	7.5		53.5	48.1	50.2	54.8
3110 Electric motors, generators and transformers		471	442	399	385		10.9	11.0	11.6	12.7		38.9	41.9	45.9	51.9
3120 Electricity distribution & control apparatus		350	350	380	350		13.3	12.7	13.4	13.5		42.4	42.7	45.5	45.5
3130 Insulated wire and cable		149	164	170	161		6.4	6.7	7.2	7.9		19.7	21.4	23.2	25.6
3140 Accumulators, primary cells and batteries		12	15	19	19		2.4	2.6	2.8	2.9		10.1	10.4	11.1	11.6
3150 Lighting equipment and electric lamps		892	860	858	936		9.8	10.2	10.6	12.5		25.2	25.8	29.2	33.9
3190 Other electrical equipment n.e.c.		1731	1411	1826	1584		32.9	34.4	38.3	38.5		96.6	105.1	115.7	116.6
3210 Electronic valves, tubes, etc.		521	520	509	518		11.2	10.8	11.2	11.1		33.5	33.4	36.6	35.9
3220 TV/radio transmitters; line comm. apparatus		117	120	132	138		12.4	11.6	10.6	11.3		77.7	59.5	59.8	55.9
3230 TV and radio receivers and associated goods		111	112	98	100		6.1	6.6	6.7	6.8		18.6	21.2	22.7	24.2
331 Medical, measuring, testing appliances, etc.		1738	1800	1911	1809		18.5	19.2	20.5	22.1		68.2	62.9	65.2	80.4
3312 Measuring/testing/navigating appliances, etc.		420	434	419	419		9.0	9.0	9.2	8.8		18.0	19.0	23.2	25.4
3313 Industrial process control equipment		97	125	117	119		2.0	2.5	2.1	2.5		7.7	9.3	7.7	45.3
3320 Optical instruments & photographic equipment		81	75	67	74		2.9	2.8	2.8	2.9		9.0	9.3	9.5	10.9
3330 Watches and clocks		75	18	47	71		0.3	0.2	0.9	0.8		0.8	0.5	2.8	2.1
3410 Motor vehicles		63	74	78	80		75.5	77.1	80.1	79.6		289.9	300.0	319.0	337.5
3420 Automobile bodies, trailers & semi-trailers		640	685	621	686		9.4	10.6	11.4	13.1		23.3	26.2	30.9	36.2
3430 Parts/accessories for automobiles		1004	958	984	937		55.1	60.2	61.1	63.9		176.7	199.7	203.1	222.7
351 Building and repairing of ships and boats		1102	1056	957	1188		29.5	30.2	28.3	28.2		92.9	97.6	95.1	93.8
3511 Building and repairing of ships		980	894	827	1074		28.1	28.9	26.7	26.7		90.0	94.5	91.4	90.3
3512 Building/repairing of pleasure/sport boats		122	162	140	113		1.3	1.3	1.6	1.5		2.9	3.0	3.7	3.5
3520 Railway/tramway locomotives & rolling stock		49	50	48	48		7.4	8.0	7.5	7.7		29.3	32.5	32.2	32.8
3530 Aircraft and spacecraft		52	51	51	48		10.6	10.7	11.1	11.3		44.2	45.9	49.2	52.2
359 Transport equipment n.e.c.		84	93	95	102		3.8	4.0	4.2	4.3		11.8	12.2	13.2	14.4
3591 Motorcycles		29	32	42	27		2.6	2.8	3.1	3.2		8.6	9.3	10.7	11.3
3592 Bicycles and invalid carriages		30	30	29	42		0.9	0.7	0.8	0.7		2.7	1.9	1.9	2.2
3599 Other transport equipment n.e.c.		25	31	24	28		0.2	0.5	0.3	0.4		0.5	1.0	0.7	0.9
3610 Furniture		12645	12600	12331	12697		100.6	105.2	112.8	115.8		201.7	211.7	242.5	254.9
369 Manufacturing n.e.c.		3589	3362	3444	3331		29.0	29.2	29.8	30.8		65.0	68.2	71.8	77.7
3691 Jewellery and related articles		1446	1289	1336	1236		9.6	8.8	9.5	9.4		20.0	18.9	21.1	22.7
3692 Musical instruments		62	59	61	59		0.7	0.7	0.7	0.7		1.5	1.6	1.6	1.6
3693 Sports goods		102	92	90	82		1.2	1.1	1.2	1.3		2.7	2.7	3.0	3.2
3694 Games and toys		455	414	493	375		6.4	6.6	6.9	6.2		16.4	18.1	17.0	18.4
3699 Other manufacturing n.e.c.		1524	1498	1466	1577		11.0	12.0	11.5	13.2		24.4	26.8	27.1	31.7
3710 Recycling of metal waste and scrap		29	37	26	46		0.3	0.3	0.3	0.4		1.1	1.1	0.9	1.2
3720 Recycling of non-metal waste and scrap		101	94	81	84		1.0	1.1	0.9	1.0		2.7	2.8	2.3	2.8
D Total manufacturing		162973	159170	163943	164083		2124.4	2165.6	2349.5	2422.7		6462.8	6724.2	7162.9	7546.3

ISIC Industry	Output (billion PESETAS)				Value added (billion PESETAS)				Gross fixed capital formation (billion PESETAS)		
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	
		1996	1997	1998	1999		1996	1997	1998	1999	
ISIC Industry											
151 Processed meat, fish, fruit, vegetables, fats		3433.5	3826.3	3774.2	3883.3		555.4	572.5	618.2	655.9	134.2
1511 Processing/preserving of meat		1701.5	1824.9	1748.1	1740.3		278.3	272.3	318.2	316.8	53.1
1512 Processing/preserving of fish		287.0	365.3	418.1	367.7		41.8	69.6	76.3	74.1	13.1
1513 Processing/preserving of fruit & vegetables		628.0	655.5	709.4	847.1		140.7	145.4	142.3	176.4	29.2
1514 Vegetable and animal oils and fats		817.0	980.6	898.7	928.2		87.2	85.3	81.5	88.6	34.2
1520 Dairy products		921.3	953.1	1024.8	1072.5		194.5	204.8	201.4	226.0	35.6
153 Grain mill products; starches; animal feeds		1097.9	1251.9	1152.8	1108.4		150.5	164.0	127.1	156.7	35.8
1531 Grain mill products		283.6	312.7	296.9	295.1		41.9	45.2	39.3	42.8	9.6
1532 Starches and starch products		58.4	56.7	53.8	52.9		19.9	21.6	19.8	17.5	3.7
1533 Prepared animal feeds		755.9	882.5	802.1	760.4		88.7	97.0	68.1	96.4	4.8
154 Other food products		1663.5	1678.3	1730.4	1772.0		583.0	598.1	589.1	631.0	22.5
1541 Bakery products		741.6	708.2	726.1	782.4		312.8	319.3	313.9	337.3	40.3
1542 Sugar		174.7	172.2	168.3	154.6		53.8	52.5	47.5	49.7	12.8
1543 Cocoa, chocolate and sugar confectionery		310.6	295.9	307.3	303.6		87.4	82.0	80.6	86.3	12.2
1544 Macaroni, noodles & similar products		45.3	38.8	39.3	40.6		12.8	10.1	9.9	11.3	2.3
1549 Other food products n.e.c.		391.2	463.3	489.4	490.8		116.3	134.3	137.2	146.4	10.8
155 Beverages		1523.6	1594.2	1869.6	2078.3		460.8	491.9	553.4	585.7	18.6
1551 Distilling, rectifying & blending of spirits		126.8	190.5	270.7	277.8		47.6	66.9	130.1	66.8	126.0
1552 Wines		605.2	628.4	744.6	870.3		148.7	147.0	192.0	42.7	5.8
1553 Malt liquors and malt		287.2	290.5	325.9	335.0		130.3	137.2	169.4	138.7	20.5
1554 Soft drinks; mineral waters		504.3	484.7	528.4	595.1		134.2	140.9	162.0	194.9	14.6
1600 Tobacco products		272.2	324.0	1065.5	238.4		72.6	89.1	787.4	71.4	2.3
171 Spinning, weaving and finishing of textiles		678.0	779.8	711.1	739.5		213.2	230.9	231.2	248.7	43.2
1711 Textile fibre preparation; textile weaving		523.0	627.4	538.2	569.1		151.1	164.5	159.3	175.2	30.3
1712 Finishing of textiles		155.0	152.4	172.9	170.5		62.1	66.4	71.9	73.6	12.9
172 Other textiles		333.6	383.9	417.1	413.1		102.2	116.4	120.0	131.9	19.3
1721 Made-up textile articles, except apparel		178.6	190.2	187.7	234.1		48.7	55.6	58.7	69.0	9.7
1722 Carpets and rugs		29.0	38.3	32.4	40.0		9.2	11.0	10.2	12.1	1.8
1723 Cordage, rope, twine and netting		14.9	28.9	24.2	22.3		4.4	7.3	8.2	6.9	0.6
1729 Other textiles n.e.c.		111.2	126.5	172.9	116.7		39.9	42.5	42.9	43.8	7.3
1730 Knitted and crocheted fabrics and articles		202.7	219.2	236.7	256.9		64.1	69.3	78.3	83.2	12.9
1810 Wearing apparel, except fur apparel		853.3	997.5	1040.5	1232.3		292.0	315.5	363.3	399.3	28.2
1820 Dressing & dyeing of fur; processing of fur		41.7	52.9	46.1	37.5		10.2	10.2	10.4	10.8	2.3
191 Tanning, dressing and processing of leather		257.0	255.6	242.9	221.5		65.9	62.3	58.5	61.6	5.2
1911 Tanning and dressing of leather		160.7	167.0	154.0	139.6		36.5	34.1	31.9	35.3	3.2
1912 Luggage, handbags, etc.; saddlery & harness		96.3	88.5	88.9	81.9		29.3	28.3	26.5	26.3	2.0
1920 Footwear		617.2	746.3	776.7	694.0		138.4	147.5	166.7	155.2	18.7
2010 Sawmilling and planing of wood		120.6	147.7	155.5	171.4		34.7	39.3	39.5	44.9	7.6
202 Products of wood, cork, straw, etc.		799.5	870.2	994.9	1086.1		255.0	271.3	302.4	333.2	52.6
2021 Veneer sheets, plywood, particle board, etc.		187.6	239.0	253.9	281.8		50.8	63.5	70.7	75.9	22.4
2022 Builders' carpentry and joinery		389.1	385.1	448.5	500.6		134.8	133.4	150.2	166.4	18.6
2023 Wooden containers		105.1	107.7	124.4	127.1		29.0	27.9	31.4	33.0	4.7
2029 Other wood products; articles of cork/straw		117.6	138.4	168.1	176.6		40.5	46.5	50.2	57.8	6.9
210 Paper and paper products		1187.0	1228.7	1298.9	1374.0		361.1	388.5	409.3	431.9	103.3
2101 Pulp, paper and paperboard		422.4	451.4	452.7	484.8		124.2	140.9	142.4	155.7	47.3
2102 Corrugated paper, and paperboard		471.4	463.9	504.7	528.1		140.3	142.1	149.8	157.8	41.4
2109 Other articles of paper and paperboard		293.2	313.3	341.4	361.1		96.7	105.5	117.2	118.5	14.6
221 Publishing of books and other publications		869.7	984.6	1030.3	1095.3		319.1	381.9	381.2	406.4	21.7
2211 Publishing of newspapers, journals, etc.		395.0	472.1	435.4	464.2		139.5	176.0	160.1	163.0	9.0
2212 Publishing of newspapers, journals, etc.		444.3	493.9	545.6	574.3		168.9	199.1	210.3	226.6	11.3
2213 Publishing of recorded media		14.4	10.3	15.2	20.1		4.8	3.4	5.0	4.6	1.1
2219 Other publishing		16.0	8.3	34.1	36.8		5.9	3.4	5.9	12.1	1.4

continued

Spain

ISIC Industry	Output (billion PESETAS)				Value added (billion PESETAS)				Gross fixed capital formation (billion PESETAS)	
	1996	1997	1998	1999	1996	1997	1998	1999	1998	1999
	Note	Note	Note	Note	Note	Note	Note	Note	Note	Note
222 Printing and related service activities	866.7	921.2	1043.6	1004.7	365.4	377.5	423.2	424.4	91.0	103.8
2221 Printing	716.7	772.1	850.1	825.0	298.7	306.2	350.9	371.8	73.4	89.1
2222 Service activities related to printing	150.0	149.2	153.5	150.0	66.7	179.7	72.3	86.6	17.6	14.7
2230 Reproduction of recorded media	15.5	16.0	20.4	23.7	5.4	5.7	6.7	6.8	1.0	3.4
2310 Coke oven products	1561.1	1753.8	2631.9	3271.1	177.8	249.7	1405.9	214.5	44.2	78.0
2320 Refined petroleum products	...	...	35.4	...	...	...	10.6	...	0.8	...
2330 Processing of nuclear fuel	...	...	...	...	...	...	...	...	...	...
2411 Basic chemicals	1503.8	1585.4	1588.2	1621.3	400.8	447.9	457.1	482.2	134.2	144.1
2411 Basic chemicals, except fertilizers	807.6	700.2	709.8	751.1	227.9	238.0	243.0	256.7	48.6	38.3
2412 Fertilizers and nitrogen compounds	109.6	118.5	142.1	98.8	128.3	23.4	26.4	16.0	6.5	8.0
2413 Plastics in primary forms; synthetic rubber	586.4	766.7	736.4	771.3	144.6	186.5	187.7	209.6	79.1	97.8
242 Other chemicals	2317.7	2498.9	2710.0	2864.9	761.1	828.5	870.4	918.9	87.0	106.2
2421 Pesticides and other agro-chemical products	79.6	102.9	107.2	122.9	23.5	30.3	32.9	31.3	2.4	2.5
2422 Paints, varnishes, printing ink and mastics	338.8	378.8	423.8	424.9	107.8	123.4	138.6	138.6	19.2	19.5
2423 Pharmaceuticals, medicinal chemicals, etc.	1070.6	1073.7	1124.8	1194.3	391.7	400.0	392.7	415.3	28.1	40.9
2424 Soap, cleaning & cosmetic preparations	551.4	620.6	689.9	730.7	146.8	170.6	192.7	210.0	20.0	22.3
2429 Other chemical products n.e.c.	277.4	322.9	364.3	392.2	91.4	104.2	104.2	125.5	17.2	22.3
2430 Man-made fibres	126.5	147.1	159.7	146.0	36.9	45.7	52.0	44.8	12.7	6.1
251 Rubber products	470.5	493.3	586.6	579.3	203.2	213.1	238.6	250.6	23.4	36.7
2511 Rubber tyres and tubes	283.2	303.2	343.8	370.3	131.5	139.1	151.9	168.9	12.9	25.4
2519 Other rubber products	187.2	190.1	242.8	209.0	71.7	74.0	86.7	81.7	10.4	11.4
2520 Plastic products	1139.7	1239.2	1373.2	1455.3	384.5	401.3	452.0	474.8	98.5	103.5
2610 Glass and glass products	339.4	373.7	394.5	462.3	145.2	155.7	163.9	177.1	18.4	20.2
269 Non-metallic mineral products n.e.c.	1892.5	2128.2	2489.0	2852.0	731.5	827.3	953.8	1086.4	186.5	236.8
2691 Pottery, china and earthenware	142.2	151.1	168.1	187.4	69.7	74.9	83.2	90.1	11.5	11.5
2692 Refractory ceramic products	42.8	60.9	50.8	49.7	16.5	19.3	19.4	18.8	3.3	2.5
2693 Struct.non-refractory clay; ceramic products	307.0	330.8	368.7	406.8	162.6	196.1	232.1	280.6	66.9	94.9
2694 Cement, lime and plaster	593.8	658.2	849.4	999.3	152.6	167.5	195.9	207.3	10.5	26.5
2695 Articles of concrete, cement and plaster	273.1	318.5	336.6	355.7	176.7	199.4	231.4	291.6	33.0	60.1
2696 Cutting, shaping & finishing of stone	119.0	137.8	170.3	155.6	111.0	124.7	135.3	146.0	24.8	29.6
2699 Other non-metallic mineral products n.e.c.	119.0	137.8	170.3	155.6	37.4	46.7	56.4	51.9	8.6	11.6
2710 Basic iron and steel	1254.9	1433.4	1510.8	1470.7	319.9	360.4	374.3	374.0	69.4	123.0
2720 Basic precious and non-ferrous metals	562.6	659.3	679.1	753.6	110.5	145.6	143.4	151.6	10.5	19.0
273 Casting of metals	279.7	327.6	347.0	355.4	104.8	117.6	127.0	132.0	21.7	30.7
2731 Casting of iron and steel	200.7	220.4	233.6	209.7	75.0	78.5	85.7	85.9	14.2	21.7
2732 Casting of non-ferrous metals	79.0	107.4	113.5	145.8	29.8	39.1	41.2	46.0	7.5	8.9
281 Struct.metall products;tanks;steam generators	1016.2	1071.9	1235.7	1410.9	352.4	366.5	427.3	492.8	40.5	52.4
2811 Structural metal products	863.2	914.3	1072.5	1204.0	290.1	303.3	361.3	412.5	33.8	43.8
2812 Tanks, reservoirs and containers of metal	121.0	126.8	132.7	166.8	48.0	49.8	51.8	62.1	5.4	7.1
2813 Steam generators	32.0	30.8	30.5	40.1	14.3	13.4	14.2	18.2	1.3	1.4
289 Other metal products; metal working services	1792.7	2023.8	2191.9	2649.2	699.2	785.0	860.7	987.4	139.7	154.4
2891 Metal forging/pressing/stamping/roll-forming	323.3	343.2	410.1	450.6	115.7	122.8	143.0	158.2	34.3	34.4
2892 Treatment & coating of metals	491.5	598.9	643.7	735.8	222.2	262.4	288.1	329.1	51.6	56.2
2893 Cutlery, hand tools and general hardware	283.7	333.2	362.5	381.9	124.7	141.8	149.8	166.9	16.1	24.4
2899 Other fabricated metal products n.e.c.	694.1	748.5	775.6	1080.9	236.6	258.0	279.8	333.1	37.8	39.4
291 General purpose machinery	986.2	1068.5	1239.7	1314.2	381.9	400.5	448.4	487.9	47.8	53.9
2911 Engines & turbines(not for transport equip.)	47.1	54.9	61.1	83.7	11.7	12.0	16.3	19.4	2.4	4.1
2912 Pumps, compressors, taps and valves	201.9	198.5	207.7	225.9	79.4	71.2	74.5	81.5	12.1	11.1
2913 Bearings, gears, gearing & driving elements	55.4	78.0	91.3	74.3	25.8	27.4	36.4	31.7	5.8	4.0
2914 Ovens, furnaces and furnace burners	12.8	12.7	15.9	13.4	5.1	5.8	6.5	5.3	0.2	-0.3
2915 Lifting and handling equipment	276.4	336.8	416.4	462.0	114.5	141.5	154.4	180.1	11.1	14.4
2919 Other general purpose machinery	392.6	387.6	447.4	454.9	145.4	142.8	160.4	169.8	16.3	20.6

292 Special purpose machinery	876.1	928.0	1089.7	1140.2	321.9	342.6	388.5	405.1	45.0	50.6
2921 Agricultural and forestry machinery	117.9	126.5	152.8	141.1	41.4	40.8	44.0	46.2	4.7	8.2
2922 Machine tools	164.0	198.4	244.4	283.8	57.0	71.5	84.2	90.6	9.3	11.1
2923 Machinery for metallurgy	46.8	62.2	68.8	72.2	14.0	23.8	26.2	28.6	3.4	3.3
2924 Machinery for mining & construction	98.0	107.9	105.5	119.6	33.5	36.7	33.3	40.1	2.8	6.7
2925 Food/beverage/tobacco processing machinery	128.8	119.2	141.8	147.2	47.8	44.8	48.3	50.0	3.6	4.0
2926 Machinery for textile, apparel and leather	297.7	68.1	66.1	85.9	25.7	26.4	25.6	31.7	2.4	2.2
2927 Weapons and ammunition	33.3	43.1	53.2	17.2	11.8	13.3	17.2	17.7	1.1	1.7
2929 Other special purpose machinery	212.9	202.5	264.9	237.3	90.6	85.3	108.7	101.2	7.4	13.4
2930 Domestic appliances n.e.c.	359.0	366.0	418.7	445.3	105.2	112.6	127.5	135.0	23.3	23.9
3000 Office, accounting and computing machinery	391.4	367.4	391.1	387.6	135.0	108.4	121.9	110.3	15.0	13.2
3110 Electric motors, generators and transformers	241.2	258.1	301.6	388.9	78.1	88.2	84.6	99.7	7.7	6.6
3120 Electricity distribution & control apparatus	205.1	223.6	243.3	252.6	87.4	91.4	98.3	100.7	5.8	8.8
3130 Insulated wire and cable	167.7	174.5	186.8	194.7	45.2	44.9	47.0	53.3	7.9	10.4
3140 Accumulators, primary cells and batteries	60.1	64.1	70.8	75.0	20.6	21.2	25.0	26.6	4.2	4.6
3150 Lighting equipment and electric lamps	143.4	153.2	175.6	208.8	47.1	48.0	58.3	61.6	7.4	7.9
3190 Other electrical equipment n.e.c.	530.0	566.8	695.4	664.2	200.0	210.8	244.3	237.4	25.9	24.9
3210 Electronic valves, tubes, etc.	169.4	186.5	193.4	181.2	67.7	77.5	76.8	70.3	18.9	7.9
3220 TV/radio transmitters; line comm. apparatus	339.9	315.2	340.7	391.3	116.2	101.7	93.5	100.6	6.5	11.0
3230 TV and radio receivers and associated goods	207.7	250.7	271.3	258.6	41.0	43.6	47.0	43.5	3.2	4.0
331 Medical, measuring, testing appliances, etc.	273.9	301.1	337.6	429.9	110.2	124.2	123.0	164.5	12.6	13.0
3311 Medical, surgical and orthopaedic equipment	77.8	85.7	107.1	128.2	36.0	38.3	45.7	50.9	5.0	6.6
3312 Measuring/testing/navigating appliances, etc.	153.9	166.4	186.9	241.8	60.8	68.4	62.9	94.5	6.9	4.4
3313 Industrial process control equipment	42.2	49.0	43.6	59.8	13.4	17.5	14.4	19.1	0.7	2.0
3320 Optical instruments & photographic equipment	38.3	40.7	42.7	45.5	16.3	17.8	18.2	19.1	1.1	0.1
3330 Watches and clocks	2.8	2.4	18.5	13.9	1.1	0.8	6.2	4.4	0.4	0.7
3410 Motor vehicles	3485.4	3896.0	4426.3	4676.1	690.8	770.5	816.1	771.6	148.6	175.6
3420 Automobile bodies, trailers & semi-trailers	155.2	198.1	238.7	272.2	42.8	51.4	60.4	72.9	8.4	13.1
3430 Parts/accessories for automobiles	1122.1	1361.9	1421.3	1564.3	367.2	437.5	441.7	487.3	75.5	86.9
351 Building and repairing of ships and boats	351.1	402.8	435.3	460.0	106.0	113.7	100.9	119.0	16.0	12.4
3511 Building and repairing of ships	339.6	386.9	415.9	439.4	101.9	107.7	94.9	112.9	15.3	11.4
3512 Building/repairing of pleasure/sport. boats	11.5	16.0	19.4	20.6	4.1	6.0	6.0	6.1	0.7	1.0
3520 Railway/tramway locomotives & rolling stock	121.4	138.7	151.4	162.8	47.7	59.7	53.2	57.4	4.6	0.6
3530 Aircraft and spacecraft	150.8	182.0	207.0	257.5	78.9	94.6	101.9	116.5	15.9	16.6
359 Motorcycles	85.8	93.7	134.8	137.6	19.6	23.0	31.3	50.3	3.5	2.7
3591 Motorcycles	68.6	78.8	116.3	116.0	15.2	18.1	26.5	44.3	3.2	2.5
3592 Bicycles and invalid carriages	13.9	8.9	12.5	13.4	3.5	3.0	3.4	4.0	0.2	0.2
3599 Other transport equipment n.e.c.	3.4	5.9	6.0	8.2	0.9	1.9	1.4	1.9	0.1	0.1
3610 Furniture	926.1	1026.6	1253.7	1338.3	335.2	366.0	422.2	455.1	47.9	55.8
369 Manufacturing n.e.c.	370.3	395.3	423.7	429.6	124.1	138.7	142.9	146.0	16.7	21.6
3691 Jewellery and related articles	112.3	105.0	108.2	125.3	32.9	34.5	37.9	39.9	3.9	4.6
3692 Musical instruments	5.1	5.3	4.9	5.5	2.7	2.9	2.4	2.7	0.2	0.3
3693 Sports goods	14.5	15.7	17.9	19.1	5.3	5.3	6.2	6.1	0.7	0.8
3694 Games and toys	117.0	128.3	150.6	130.8	37.0	43.7	44.9	40.6	5.7	8.1
3699 Other manufacturing n.e.c.	121.5	140.9	142.2	148.9	46.2	52.3	51.5	56.7	6.1	7.8
3710 Recycling of metal waste and scrap	12.8	17.0	10.7	12.6	1.9	2.8	1.6	2.1	0.2	0.5
3720 Recycling of non-metal waste and scrap	19.4	18.6	15.9	16.8	4.9	5.9	4.6	5.3	1.8	1.2
D Total manufacturing	41834.5	46004.1	54844.8	58638.8	12278.4	13393.6	18357.4	17466.1	2739.8	3101.9

Spain

ISIC Revision 3		Index numbers of industrial production													
		(1990=100)													
ISIC Industry	Note	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
15 Food and beverages		98	97	100	103	99	100	101	100	97	105	109	110		
16 Tobacco products		116	99	100	101	92	112	146	136	136	131	144	135		
17 Textiles		100	104	100	95	89	80	89	90	86	91	92	84		
18 Wearing apparel, fur		100	93	85	75	85	82	79	81	83	79		
19 Leather, leather products and footwear		100	98	91	82	85	76	72	76	78	90		
20 Wood products (excl. furniture)		102	105	100	107	90	86	91	95	87	92	97	108		
21 Paper and paper products		94	101	100	103	102	101	112	116	115	125	133	137		
22 Printing and publishing		94	101	100	108	108	106	108	106	104	112	117	125		
23 Coke, refined petroleum products, nuclear fuel		88	94	100	102	106	101	103	97	91	95	98	96		
24 Chemicals and chemical products		92	96	100	95	95	94	107	110	110	117	122	126		
25 Rubber and plastics products		101	103	100	100	102	96	103	114	117	125	137	152		
26 Non-metallic mineral products		89	96	100	99	92	87	96	102	100	106	115	120		
27 Basic metals		98	105	100	101	96	94	103	110	107	114	119	120		
28 Fabricated metal products		88	96	100	95	92	81	87	96	97	101	108	111		
29 Machinery and equipment n.e.c.		102	110	100	100	91	87	98	112	115	123	131	134		
30 Office, accounting and computing machinery		154	123	100	84	66	57	42	40	44	41	46	43		
31 Electrical machinery and apparatus		91	99	100	92	95	87	96	112	113	127	140	145		
32 Radio, television and communication equipment		112	107	100	114	78	104	115	131	129	130	133	114		
33 Medical, precision and optical instruments		66	80	100	100	101	91	97	93	91	99	103	102		
34 Motor vehicles, trailers, semi-trailers		95	101	100	100	100	83	101	114	119	132	147	151		
35 Other transport equipment		56	62	100	67	92	73	58	85	85	117	124	127		
36 Furniture, manufacturing n.e.c.		100	95	90	81	79	81	79	82	87	93		
37 Recycling			
D Total manufacturing		96	100	100	98	95	91	98	103	103	110	117	120		

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<p>Supplier of information: Department of Census and Statistics, Colombo.</p> <p>Basic source of data: Annual survey of industries.</p> <p>Major deviations from ISIC (Revision 2): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Establishments with 5 or more persons engaged.</p> <p>Method of enumeration: Questionnaires are distributed by mail with follow-up site visits as required.</p> <p>Adjusted for non-response: Yes. Data have been adjusted for establishments with 25 or more persons engaged and inflated for establishments with 5 to 24 persons engaged.</p>	<p>Concepts and definitions of variables: Output includes gross revenues from goods shipped in the same condition as received. Gross fixed capital formation refers to capital expenditure.</p> <p>Related national publications: Annual Survey of Industries, published by the Department of Census and Statistics, Colombo.</p>
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ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees				
	(numbers)				(numbers)				(million RUPEES)				
	1995	1996	1997	1998	Note	1995	1996	1997	1998	1995	1996	1997	1998
ISIC Industry	Note				Note				Note				
311/2 Food products	2239	2268	2262	2236		58902	69051	57616	61923	2263.3	2804.9	2425.1	3056.3
3111 Slaughtering, preparing & preserving meat	4	4	5	5		315	275	407	788	15.0	14.6	26.1	81.4
3112 Dairy products	38	39	36	39		2928	1129	1129	2751	268.7	122.8	107.3	329.5
3113 Canning, preserving of fruits & vegetables	16	18	17	18		738	1113	985	424	28.5	43.8	40.2	18.3
3114 Canning, preserving and processing of fish	28	25	35	27		292	280	302	468	8.1	7.7	8.7	12.0
3115 Vegetable and animal oils and fats	47	54	49	47		2193	3393	3283	3189	131.7	170.3	170.3	181.2
3116 Grain mill products	500	499	526	495		3331	1502	2689	5587	98.0	173.2	159.4	191.2
3117 Bakery products	459	467	447	464		6400	7203	358.7	348.8	159.7	249.8	63.8	380.3
3118 Sugar factories and refineries	239	241	238	241		4025	1591	1038	6853	159.7	249.8	63.8	236.1
3119 Cocoa, chocolate and sugar confectionery	69	63	64	61		2139	2059	1038	1113	1174.5	1549.5	1425.6	62.8
3121 Other food products	828	849	837	833		36134	44127	36567	35747	1174.5	1549.5	1425.6	1527.2
3122 Prepared animal feeds	11	9	11	12		407	375	543	636	17.5	21.3	34.0	46.1
313 Beverages	38	36	36	34		5669	4972	4870	4409	510.0	550.9	543.9	480.2
3131 Distilling, rectifying and blending spirits	8	8	7	6		3610	2348	2191	2097	216.2	165.0	149.9	154.7
3132 Wine industries	16	16	17	16		13	16	20	95	0.7	0.2	0.2	3.4
3133 Malt liquors and malt	4	3	3	3		545	261	285	203	56.0	50.1	54.5	61.3
3134 Soft drinks and carbonated waters	8	9	9	9		1501	2347	2374	2014	237.2	335.5	339.3	260.7
314 Tobacco	2280	2262	1843	2250		23114	22441	18090	26170	344.3	393.2	387.4	431.5
321 Textiles	2016	2123	2155	2109		70687	73491	64112	71285	2762.0	2856.3	2624.8	3053.5
3211 Spinning, weaving and finishing textiles	1028	1137	1160	1121		38436	40762	33006	32511	1628.3	1532.2	1312.0	1234.6
3212 Made-up textile goods excl. wearing apparel	80	81	75	74		3211	3023	2949	2583	108.3	88.2	86.1	98.2
3213 Knitting mills	36	38	38	40		16142	16873	15140	22593	750.6	804.9	750.7	1231.2
3214 Carpets and rugs	262	250	264	263		4992	5512	5517	6154	152.4	169.7	207.7	243.8
3215 Cordage, rope and twine	602	609	612	603		7592	7191	7019	7019	110.9	252.7	260.6	257.7
3219 Other textiles	8	8	6	8		314	130	120	425	11.6	8.5	7.8	28.1
322 Wearing apparel, except footwear	678	625	646	622		179758	160686	142364	156519	6440.2	6649.4	6172.5	7435.0
323 Leather and fur products	70	66	68	68		3574	3533	2446	2337	130.7	129.0	103.1	92.3
3231 Tanneries and leather finishing	9	9	10	10		405	414	493	395	18.3	22.4	32.8	25.7
3232 Fur dressing and dyeing industries	-	-	-	-		-	-	-	-	-	-	-	-
3233 Leather prods. excl. wearing apparel	61	57	58	58		3169	3119	1953	1942	112.4	105.6	70.3	66.6
324 Footwear, except rubber or plastic	50	48	49	48		8927	8852	9732	8479	596.0	635.5	769.7	725.4
331 Wood products, except furniture	584	601	619	589		6890	7003	6835	6361	173.5	199.1	192.0	204.0
3311 Sawmills, planing and other wood mills	367	372	372	371		3820	3730	3281	3131	126.0	142.9	129.0	144.4
3312 Wooden and cane containers	125	134	125	123		1510	1869	1814	1609	14.9	26.1	22.8	15.3
3319 Other wood and cork products	92	95	122	95		1560	1404	1740	1621	32.6	30.0	40.2	44.3
332 Furniture and fixtures, excl. metal	374	385	420	385		5061	7886	8088	5463	67.8	105.3	116.6	111.5
341 Paper and products	110	105	112	109		4400	2852	5780	4650	240.4	168.2	394.1	313.1
3411 Pulp, paper and paperboard articles	8	8	11	11		1690	188	2947	1798	103.2	4.5	206.5	123.1
3412 Containers of paper and paperboard	36	34	36	33		2494	1860	2545	2413	131.6	117.0	176.6	166.0
3419 Other pulp, paper and paperboard articles	66	63	65	65		216	804	288	439	5.6	46.7	11.0	24.0
342 Printing and publishing	214	214	212	218		9478	9294	10289	9724	703.0	734.2	907.1	1082.9
351 Industrial chemicals	35	28	29	35		1815	1633	1505	2691	124.0	126.5	126.5	296.2
3511 Basic chemicals excl. fertilizers	12	10	10	15		438	375	312	928	47.7	46.3	38.4	174.7
3512 Fertilizers and pesticides	16	12	15	16		869	775	832	1040	52.1	52.1	67.6	103.9
3513 Synthetic resins and plastic materials	7	6	4	4		508	483	361	723	28.8	28.2	20.6	77.7
352 Other chemicals	202	181	209	195		6674	6951	7589	7679	502.0	587.8	631.9	751.0
3521 Paints, varnishes and lacquers	28	24	25	25		625	625	552	637	42.2	47.4	43.9	51.8
3522 Drugs and medicines	39	38	41	39		1594	1137	1710	1911	83.5	61.3	110.0	145.9
3523 Soap, cleaning prods., perfumes, cosmetics	70	68	71	68		3027	3371	3455	3310	311.7	397.5	390.4	462.4
3529 Other chemical products	65	51	73	63		1428	1873	1872	1821	64.6	81.6	87.6	90.8
353 Petroleum refineries	2	2	2	3	a/	1230	1506	1506	1775	129.3	169.9	176.7	226.0

354 Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	623	617	642	655	21233	21900	24047	24108	...	...	...	...	...	945.3	1114.3	1197.7	1311.8	...	...
3551 Tyres and tubes	599	593	616	626	16505	5649	7203	7714	...	...	...	...	...	650.3	360.5	447.2	520.6	...	...
3559 Other rubber products	81	82	87	92	7913	8244	8808	9454	...	...	...	...	...	321.1	352.8	407.7	498.3	...	...
356 Plastic products	132	122	133	132	9872	6779	6994	9414	...	...	...	...	...	552.3	471.0	477.8	731.0	...	...
361 Pottery, china, earthenware	21	22	23	20	769	696	857	728	...	...	...	...	...	58.6	121.9	134.0	148.6	...	...
362 Glass and products	1584	1515	1429	1576	17410	19691	18243	17839	...	...	...	...	...	551.7	634.1	707.0	714.9	...	...
369 Other non-metallic mineral products	1451	1382	1277	1450	13001	14975	13710	13841	...	...	...	...	...	228.6	255.0	311.9	265.1	...	...
3691 Structural clay products	99	99	113	99	2199	2151	1821	1607	...	...	...	...	...	166.8	201.5	208.0	221.3	...	...
3692 Cement, tiles and plaster	34	34	39	36	2210	2565	2712	2391	...	...	...	...	...	156.3	177.5	187.0	228.5	...	...
3699 Other non-metallic mineral products	8	9	9	9	1702	558	1170	1089	...	...	...	...	...	171.2	34.9	134.7	150.1	...	...
371 Iron and steel	7	4	5	5	613	547	257	280	...	...	...	...	...	35.2	33.7	26.0	22.7	...	...
372 Non-ferrous metals	484	423	428	402	6197	6111	6415	6134	...	...	...	...	...	267.2	300.1	339.2	346.1	...	...
381 Fabricated metal products	82	78	54	56	538	617	552	144	...	...	...	...	...	20.2	21.9	20.9	4.6	...	...
3811 Cutlery, hand tools and general hardware	43	39	42	41	1235	1179	1165	1216	...	...	...	...	...	43.8	58.8	60.1	62.5	...	...
3812 Furniture and fixtures primarily of metal	92	88	90	89	826	785	792	805	...	...	...	...	...	38.7	40.8	40.8	45.6	...	...
3813 Structural metal products	237	218	242	216	3598	3530	3906	3969	...	...	...	...	...	164.5	181.1	217.4	233.3	...	...
3819 Other fabricated metal products	86	78	84	70	5057	4591	5989	5152	...	...	...	...	...	284.2	268.5	333.1	321.8	...	...
382 Non-electrical machinery	8	8	7	8	209	201	188	158	...	...	...	...	...	6.4	6.4	7.8	6.6	...	...
3821 Engines and turbines	51	41	44	43	680	386	956	590	...	...	...	...	...	18.4	14.3	34.6	32.2	...	...
3822 Agricultural machinery and equipment	4	9	14	3	16	46	93	34	...	...	...	...	...	0.5	1.9	3.1	0.7	...	...
3823 Metal and wood working machinery	1	-	3b/	3b/	14	-	22	3455b/	...	...	...	...	...	1.0	-	0.8	169.7b/	...	...
3824 Other special industrial machinery	1	-	3b/	3b/	2392	-	3335	...b/	...	...	...	...	...	83.8	-	154.6	...b/	...	...
3825 Office, computing and accounting machinery	21	20	16	14	1737	3958	1405	915	...	...	...	...	...	171.7	245.9	132.2	113.0	...	...
3829 Other non-electrical machinery & equipment	54	46	44	44	5729	5017	4681	5217	...	...	...	...	...	270.2	308.7	314.9	372.8	...	...
3831 Electrical machinery	19	11	12	13	1441	1102	992	1190	...	...	...	...	...	83.7	69.0	108.4	89.8	...	...
3833 Electrical machinery	14	15	14	13	2208	1771	1805	1952	...	...	...	...	...	97.3	103.1	105.7	112.4	...	...
3832 Radio, television and communication equipm.	9	7	6	5	481	486	304	237	...	...	...	...	...	17.7	35.4	12.6	8.0	...	...
3833 Electrical appliances and housewares	12	13	12	13	1599	1658	1580	1838	...	...	...	...	...	71.4	101.3	106.7	144.1	...	...
3839 Other electrical apparatus and supplies	92	79	71	74	8406	7243	7196	7737	...	...	...	...	...	561.8	621.2	646.3	714.8	...	...
384 Transport equipment	21	21	19	22	2681	2571	2069	2638	...	...	...	...	...	283.9	324.2	328.7	393.9	...	...
3841 Shipbuilding and repairing	2	13c/	14c/	13c/	2985	314c/	3133	3153c/	...	...	...	...	...	197.7	207.6c/	206.1	205.5c/	...	...
3842 Railroad equipment	51	40	34	35	2090	1375	1319	1289	...	...	...	...	...	95.0	81.6	77.8	79.7	...	...
3843 Motor vehicles	6	5	4	4	608	153	676	677	...	...	...	...	...	24.4	33.4	33.4	35.6	...	...
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	...	...	...	...	...	-	-	-	-	...	...
3845 Aircraft	12	...	...	...	42	...	13	...	...	...	...	...	...	1.0	...	0.2	...	...	...
3849 Other transport equipment	14	14	13	15	410	443	449	611	...	...	...	...	...	13.8	17.6	16.1	21.9	...	...
385 Professional and scientific equipment	2	3d/	3d/	4d/	105	113d/	88	235d/	...	...	...	...	...	3.4	3.6d/	0.4	9.0d/	...	...
3851 Prof. and scientific equipment n.e.c.	11	11	10	11	297	330	350	376	...	...	...	...	...	10.3	14.0	13.9	12.9	...	...
3852 Photographic and optical goods	1	...	...	...	8	...	11	...	...	...	...	...	...	0.1	...	1.8	...	...	...
3853 Watches and clocks	284	256	292	271	23448	21585	15879	13434	...	...	...	...	...	832.5	798.0	683.8	681.0	...	...
390 Other manufacturing industries	85	73	80	80	6347	6203	4866	4002	...	...	...	...	...	225.5	254.3	268.6	270.4	...	...
3901 Jewellery and related articles	10	10	11	11	288	302	348	225	...	...	...	...	...	11.7	12.3	15.2	5.4	...	...
3902 Musical instruments	8	505	755	8	505	755	562	643	...	...	...	...	...	21.4	34.2	26.0	33.8	...	...
3903 Sporting and athletic goods	181	163	193	172	16308	14325	10103	8564	...	...	...	...	...	573.9	497.2	374.1	371.4	...	...
3909 Manufacturing industries, n.e.c.	12332	12211	11922	12266	494938	483556	441807	470662	...	...	...	...	...	19852.0	21187.8	20989.9	24305.8	...	...
3 Total manufacturing									...	...	...	...	...					...	...

a/ 353 includes 354.

b/ 3824 includes 3825.

c/ 3842 includes 3849.

d/ 3851 includes 3853.

ISIC Industry	Output in producers' prices (million RUPEES)				Value added in producers' prices (million RUPEES)				Gross fixed capital formation (million RUPEES)				
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1997	1998
		1995	1996	1997	1998		1995	1996	1997	1998			
311/2 Food products		4198.2	5623.1	6093.6	6932.3		18397.9	20156.3	20722.2	23794.4		965.3	1659.7
3111 Slaughtering, preparing & preserving meat		178.1	209.0	869.0	1435.3		111.2	86.4	343.3	449.4		31.3	24.3
3112 Dairy products		6511.7	5665.0	4512.6	5826.3		4445.2	1664.5	1098.7	2103.2		0.9	239.4
3113 Canning, preserving of fruits & vegetables		287.6	386.1	348.6	192.1		176.9	145.6	128.6	57.5		9.3	1.1
3114 Canning, preserving and processing of fish		42.0	39.2	56.0	357.9		26.1	13.7	15.9	39.4			132.4
3115 Vegetable and animal oils and fats		2260.8	2081.6	2507.0	2208.3		1263.9	690.9	1071.5	814.9		44.6	2.9
3116 Grain mill products		1961.3	5177.5	9492.1	9650.1		1545.4	1985.3	2403.4	2433.2		127.1	43.5
3117 Bakery products		2993.2	3956.7	4572.3	5339.2		1544.0	1938.6	1938.6	2509.2		127.1	113.2
3118 Sugar factories and refineries		1654.1	1712.0	451.3	2005.5		708.7	785.9	231.8	1006.0		21.3	10.3
3119 Cocoa, chocolate and sugar confectionery		2215.6	1333.2	547.7	441.1		8325.0	12484.2	12432.0	1285.5		13.7	10.3
3121 Other food products		22667.8	32536.4	34010.5	36914.3		447.3	283.7	842.5	838.2		682.9	1060.5
3122 Prepared animal feeds		2146.1	2136.2	3567.5	4397.5							16.0	10.7
313 Beverages		12398.8	12336.8	12328.2	15046.9		10726.1	10489.2	10553.4	12847.4		40.0	215.2
3131 Distilling, rectifying and blending spirits		9757.3	8465.7	8070.7	11053.4		8777.7	7794.3	7493.6	10132.9		34.6	138.3
3132 Wine industries		0.7	3.4	1.7	11.1		0.1	1.2	0.6	2.3		-	0.7
3133 Malt liquors and malt		1088.3	1192.3	1545.3	1508.3		1000.9	1025.7	1326.3	1305.4		5.4	8.8
3134 Soft drinks and carbonated waters		1552.5	2675.5	2710.4	2474.1		947.4	1668.0	1732.8	1406.8		-	67.4
314 Tobacco		12491.8	16484.8	16828.1	18229.1		10850.3	14600.7	15317.4	16981.8		508.1	325.2
321 Textiles		23120.1	26227.6	24179.8	27261.9		9088.8	10415.3	10117.5	12921.6		1284.5	1214.9
3211 Spinning, weaving and finishing textiles		12879.0	14074.8	13122.9	13431.8		5744.9	6331.0	5970.6	6928.5		883.1	390.6
3212 Made-up textile goods excl. wearing apparel		1280.5	841.1	336.2	137.2		520.8	476.1	163.5	106.7		2.4	33.8
3213 Knitting mills		5529.7	6452.4	5298.7	7600.2		1901.3	2223.6	2007.6	3676.4		287.1	649.3
3214 Carpets and rugs		2765.6	3205.7	3784.2	4278.2		660.9	861.4	1404.9	1600.3		99.5	99.8
3215 Cordage, rope and twine		574.7	1530.6	1538.6	1506.8		223.6	483.9	526.1	546.3		11.7	36.6
3219 Other textiles		90.6	123.0	99.2	307.8		37.3	39.2	44.6	164.4		0.7	4.8
322 Wearing apparel, except footwear		43259.0	47918.3	42813.0	54785.5		18735.8	20811.5	18419.3	25518.5		18439.8	2050.9
323 Leather and fur products		1475.8	2231.2	1428.7	1282.6		402.2	555.3	523.0	608.6		65.4	15.7
3231 Tanneries and leather finishing		188.0	248.5	315.7	246.1		66.6	94.5	106.5	123.1		6.3	3.6
3232 Fur dressing and dyeing industries													
3233 Leather prods. excl. wearing apparel		1287.8	1982.6	1113.0	1036.5		335.6	460.8	416.5	485.5		59.1	12.1
324 Footwear, except rubber or plastic		4370.6	4506.1	5775.7	5785.9		2221.0	2280.8	2671.5	2764.5		216.1	190.5
331 Wood products, except furniture		1396.1	1232.5	1229.9	1145.7		1080.2	886.6	933.9	887.7		92.7	33.9
3311 Sawmills, planing and other wood mills		1230.3	1010.6	951.3	859.8		996.7	744.3	762.5	701.5		82.2	2.1
3312 Wooden and cane containers		50.0	74.9	58.6	38.2		28.2	40.1	35.5	25.9		2.2	0.9
3319 Other wood and cork products		115.8	147.0	220.1	247.7		55.4	102.2	136.0	160.2		8.3	31.0
332 Furniture and fixtures, excl. metal		383.4	520.7	561.8	534.5		173.3	251.0	290.6	268.0		57.7	63.8
341 Paper and products		2837.8	2550.2	4056.2	3330.6		1255.8	1162.9	1813.3	1497.5		141.5	56.1
3411 Pulp, paper and paperboard articles		741.0	1087.6	1087.6	567.8		365.0	19.0	473.6	230.4		4.5	7.8
3412 Containers of paper and paperboard		2032.7	1872.4	2840.7	2576.4		856.4	881.9	1302.9	1194.4		132.6	46.1
3419 Other pulp, paper and paperboard articles		64.1	622.7	127.9	186.5		34.4	262.0	36.8	72.7		4.4	2.1
342 Printing and publishing		3277.4	3148.4	3377.7	3245.1		1389.1	1258.9	1582.0	1265.3		91.3	195.0
351 Industrial chemicals		2621.9	2570.2	2814.1	4595.4		779.8	827.9	839.8	1252.7		514.8	688.5
3511 Basic chemicals excl. fertilizers		428.7	420.9	366.8	1283.3		229.6	251.6	206.6	478.0		476.2	583.2
3512 Fertilizers and pesticides		1635.1	1556.9	1986.2	2788.2		357.7	335.9	466.4	525.4		10.9	42.3
3513 Synthetic resins and plastic materials		558.1	592.4	451.1	523.9		192.5	240.3	166.8	249.3		27.7	63.0
352 Other chemicals		9896.1	9477.4	11198.0	14212.5		5005.4	4034.0	5372.4	8209.9		264.3	276.3
3521 Paints, varnishes and lacquers		1644.9	1543.8	1794.5	2088.7		776.0	786.2	790.1	874.8		3.6	11.1
3522 Drugs and medicines		1286.3	1667.0	1776.5	2238.6		832.8	646.9	748.0	1455.8		37.4	73.1
3523 Soap, cleaning preps., perfumes, cosmetics		6293.9	5462.9	6756.6	9050.3		3130.3	2226.0	3427.0	5475.6		116.5	168.9
3529 Other chemical products		671.0	803.7	870.4	834.9		266.4	374.9	407.2	403.7		106.8	23.1
353 Petroleum refineries		20192.1	31658.3	23329.2	23141.4		1596.5	2034.3	2289.2	2970.9	a/	24.4	55.8

Sri Lanka

ISIC Industry	Index numbers of industrial production (1990=100)											
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	Note											
ISIC Industry												
311/2 Food products	81	96	100	102	127	107	129	135	121	121	116	...
313 Beverages	...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco	...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles	58	75	100	120	146	170	162	150	148	160	170	...
322 Wearing apparel, except footwear	...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products	...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture	96	75	100	102	121	122	117	94	130	187	245	...
332 Furniture and fixtures, excl. metal	...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products	128	113	100	130	170	176	192	171	157	200	200	...
342 Printing and publishing	86	90	100	...	...	...	...	...	...	...	...	...
351 Industrial chemicals	93	73	100	88	85	100	105	120	144	114	111	...
352 Other chemicals	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	131	131	100	110	113	107	98	103	102	113	102	...
362 Glass and products	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	71	67	100	97	100	90	93	92	100	99	101	...
372 Non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products	59	77	100	86	92	101	118	128	123	154	157	...
382 Non-electrical machinery	...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery	...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing	80	88	100	104	122	121	131	134	131	132	131	...

a/ 311/2 includes 313 and 314.
b/ 321 includes 322, 323 and 324.
c/ 331 includes 332.
d/ 351 includes 352, 353, 354, 355 and 356.
e/ 361 includes 362 and 369.
f/ 371 includes 372.
g/ 381 includes 382, 383, 384 and 385.

ST. VINCENT AND THE GRENADINES

<p>Supplier of information: Statistical Office, Kingstown.</p> <p>Basic source of data: National accounts survey of establishments.</p> <p>Major deviations from ISIC (Revision 2): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: All major industries.</p> <p>Method of enumeration: Questionnaires were distributed by mail.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: No deviations from the Standard UN concepts and definitions are reported.</p> <p>Related national publications:</p>
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St. Vincent and the Grenadines

ISIC Industry	Number of establishments (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (thousand DOLLARS)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
ISIC Industry	Note					Note					Note				
311/2 Food products		30	29	32	33		287	331	285	291		...	...	...	...
3111 Slaughtering, preparing & preserving meat		2	2	2	2		7	66	6	6		...	...	...	...
3112 Dairy products		4	4	5	5		18	20	21	23		...	...	...	...
3113 Canning, preserving of fruits & vegetables		1	1	1	1		...	8	10	9		...	...	...	...
3114 Canning, preserving and processing of fish		1	1	1	1		...	...	...	...		...	...	...	...
3115 Vegetable and animal oils and fats		1	1	1	1		...	...	...	...		...	...	...	...
3116 Grain mill products		17	17	18	18		27	29	37	37		...	...	...	...
3117 Bakery products		1	1	1	1		...	...	...	...		...	...	...	...
3118 Sugar factories and refineries		1	1	1	1		...	...	...	...		...	...	...	...
3119 Cocoa, chocolate and sugar confectionery		4	4	5	6		196	192	195	201		...	...	...	...
3121 Other food products		1	1	1	1		17	16	16	15		...	...	...	...
3122 Prepared animal feeds		5	6	7	7		148	151	161	160		...	...	...	...
313 Beverages		2	2	2	2		39	38	39	39		...	...	...	...
3131 Distilling, rectifying and blending spirits		1	1	1	1		...	4	10	8		...	...	...	...
3132 Wine industries		1	1	1	1		80	80	86	87		...	...	...	...
3133 Malt liquors and malt		2	2	2	2		29	29	26	26		...	...	...	...
3134 Soft drinks and carbonated waters		1	1	1	1		24	22	20	21		...	...	...	...
314 Tobacco		...	...	...	...		...	...	...	...		...	...	...	...
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	2	2		198	196	46	47		...	...	...	...
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	11	11	11		89	101	98	100		...	...	...	...
341 Paper and products		2	2	2	2		81	90	92	92		...	...	...	...
3411 Pulp, paper and paperboard articles		...	...	...	...		...	...	...	...		...	...	...	...
3412 Containers of paper and paperboard		1	1	1	1		66	67	67	66		...	...	...	...
3419 Other pulp, paper and paperboard articles		1	1	1	1		15	23	25	26		...	...	...	...
342 Printing and publishing		7	7	8	8		60	66	66	65		...	...	...	...
351 Industrial chemicals		1	1	1	1		8	8	9	9		...	...	...	...
3511 Basic chemicals excl. fertilizers		1	1	1	1		8	8	9	9		...	...	...	...
3512 Fertilizers and pesticides		...	...	...	...		...	...	...	...		...	...	...	...
3513 Synthetic resins and plastic materials		...	...	...	...		...	...	...	...		...	...	...	...
352 Other chemicals		2	2	3	3		10	11	21	20		...	...	...	...
3521 Paints, varnishes and lacquers		...	...	...	...		...	...	...	...		...	...	...	...
3522 Drugs and medicines		...	...	...	...		...	...	...	...		...	...	...	...
3523 Soap, cleaning preps., perfumes, cosmetics		2	2	3	3		10	11	21	20		...	...	...	...
3529 Other chemical products		...	...	...	...		...	...	...	...		...	...	...	...
353 Petroleum refineries		...	...	...	...		...	...	...	...		...	...	...	...

SWEDEN

<p>Supplier of information: Statistiska Centralbyran (Statistics Sweden), Stockholm. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>Basic source of data: Structural business statistics survey.</p> <p>Major deviations from ISIC (Revision 3): The data presented in ISIC (Rev.3) were originally classified according to NACE (Revision 1).</p> <p>Reference period (if not calendar year):</p> <p>Scope: The survey covers all enterprises included in the business register.</p> <p>Method of enumeration: Large enterprises with more than 50 employees are surveyed by questionnaires, whereas smaller enterprises are covered by administrative data only.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <u>Number of employees</u> was computed using the average number of wage earners throughout the year plus the number of salaried employees at a certain date. <u>Wages and salaries</u> includes regular and overtime cash payments, bonuses and cost-of-living allowances, vacation and sick leave pay, taxes and those social insurance contributions that are payable by employees and deducted by employers and payments in kind. Social security costs are not included. <u>Value added</u> is in factor values.</p> <p>Related national publications: Structural Business Statistics; Swedish manufacturing according to Structural Business Statistics both published by Statistics Sweden, Stockholm.</p>
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Sweden

ISIC Revision 3	Number of enterprises				Number of employees				Wages and salaries paid to employees				
	Note	(numbers)			Note	(numbers)			Note	(million Kronor)			
		1996	1997	1998		1999	1996	1997		1998	1999		
ISIC Industry													
151 Processed meat, fish, fruit, vegetables, fats				822				23339					4924
1511 Processing/preserving of meat				466				15213					3163
1512 Processing/preserving of fish				178				2199					375
1513 Processing/preserving of fruit & vegetables				137				4042					898
1514 Vegetable and animal oils and fats				41				1885					488
1520 Dairy products				101				9630					2136
153 Grain mill products; starches; animal feeds				230				2070					470
1531 Grain mill products				135				1040					224
1532 Starches and starch products				10				351					91
1533 Prepared animal feeds				85				679					155
154 Other food products				1363				15653					2927
1541 Bakery products													
1542 Sugar													
1543 Cocoa, chocolate and sugar confectionery													
1544 Macaroni, noodles & similar products				12				34					4
1549 Other food products n.e.c.				85				6485					1586
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				359				2050					385
1711 Textile fibre preparation; textile weaving				173				1457					277
1712 Finishing of textiles				186				593					108
172 Other textiles				1164				7324					1331
1721 Made-up textile articles, except apparel				623				3531					520
1722 Carpets and rugs				41				136					26
1723 Cordage, rope, twine and netting				55				159					29
1729 Other textiles n.e.c.				445				3498					756
1730 Knitted and crocheted fabrics and articles				84				788					144
1810 Wearing apparel, except fur apparel				1501				4453					695
1820 Dressing & dyeing of fur; processing of fur				114				79					70
191 Tanning, dressing and processing of leather				276				865					154
1911 Tanning and dressing of leather													
1912 Luggage, handbags, etc.; saddlery & harness													
1920 Footwear				139				488					90
2010 Sawmilling and planing of wood				1426				16758					3583
202 Products of wood, cork, straw, etc.				4251				22344					4435
2021 Veneer sheets, plywood, particle board, etc.				75				1838					403
2022 Builders' carpentry and joinery				2591				16291					3281
2023 Wooden containers				386				2094					386
2029 Other wood products; articles of cork/straw				1199				2121					365
210 Paper and paper products				406				45939					11238
2101 Pulp, paper and paperboard				101				32961					8176
2102 Corrugated paper and paperboard				143				5615					1242
2109 Other articles of paper and paperboard				162				7363					1820
221 Publishing of books and other publications				4089				28653					6854
2211 Publishing of newspapers, journals, etc.				1234				4792					1142
2212 Publishing of newspapers, journals, etc.				1051				21474					5238
2213 Publishing of recorded media				1164				1352					264
2219 Other publishing				640				1035					211

222	Printing and related service activities	3994	25039	5577
2221	Printing	2705	18321	4187
2222	Service activities related to printing	1289	6718	1389
2230	Reproduction of recorded media	185	277	51
2310	Coke oven products	9	12	3
2320	Refined petroleum products	...	...	...
2330	Processing of nuclear fuel	...	...	...
241	Basic chemicals	180	14175	3809
2411	Basic chemicals, except fertilizers	108	8728	2296
2412	Fertilizers and nitrogen compounds	...	...	...
2413	Plastics in primary forms; synthetic rubber	...	...	...
242	Other chemicals	16	74	14
2421	Pesticides and other agro-chemical products	103	3708	947
2422	Paints, varnishes, printing ink and dyes	128	19835	5797
2423	Pharmaceuticals, medicinal chemicals, etc.	184	1846	447
2424	Soap, cleaning & cosmetic preparations	...	...	...
2429	Other chemical products n.e.c.	...	...	...
2430	Man-made fibres	...	...	...
251	Rubber products	262	7351	1565
2511	Rubber tyres and tubes	139	2746	526
2519	Other rubber products	123	4606	1038
2520	Plastic products	1241	17780	3828
2610	Glass and glass products	266	4775	1011
269	Non-metallic mineral products n.e.c.	...	...	...
2691	Pottery, china and earthenware	29	363	91
2692	Refractory ceramic products	...	...	...
2693	Struct. non-refractory clay; ceramic products	...	...	...
2694	Cement, lime and plaster	293	5901	1361
2695	Articles of concrete, cement and plaster	285	1089	208
2696	Cutting, shaping & finishing of stone	62	2435	507
2699	Other non-metallic mineral products n.e.c.	...	...	...
2710	Basic iron and steel	88	5799	1486
2720	Basic precious and non-ferrous metals	101	745	161
273	Casting of metals	36	254	58
2731	Casting of iron and steel	65	491	102
2732	Casting of non-ferrous metals	...	...	...
281	Struct. metal products; tanks; steam generators	1153	16371	3599
2811	Structural metal products	991	14807	3261
2812	Tanks, reservoirs and containers of metal	150	1401	298
2813	Steam generators	12	163	41
289	Other metal products; metal working services	8454	71077	14079
2891	Metal forging/pressing/stamping/roll-forming	866	2438	479
2892	Treatment & coating of metals	5294	25417	5283
2893	Cutlery, hand tools and general hardware	832	9748	2203
2899	Other fabricated metal products n.e.c.	1462	32474	6114
291	General purpose machinery	2007	42631	10061
2911	Engines & turbines(not for transport equip.)	...	...	...
2912	Pumps, compressors, taps and valves	...	...	...
2913	Bearings, gears, gearing & driving elements	62	907	217
2914	Ovens, furnaces and furnace burners	478	12283	2937
2915	Lifting and handling equipment	1003	14661	3462
2919	Other general purpose machinery	2715	48949	11969
292	Special purpose machinery	466	3618	850
2921	Agricultural and forestry machinery	584	10163	2400
2922	Machine tools	15	945	229
2923	Machinery for metallurgy	321	9154	2033
2924	Machinery for mining & construction	...	...	...
2925	Food/beverage/tobacco processing machinery	67	4410	1227
2926	Machinery for textile, apparel and leather	1094	13950	3382
2927	Weapons and ammunition	...	...	...
2929	Other special purpose machinery	105	10864	2400
2930	Domestic appliances n.e.c.	...	...	...

cont inued

Sweden

ISIC Industry	Number of enterprises (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million KRONOR)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999					
ISIC Industry															
3000 Office, accounting and computing machinery		414		...	...	...	4191		...	...	...	1022
3110 Electric motors, generators and transformers		243		...	...	...	4267		...	...	...	1021
3120 Electricity distribution & control apparatus		290		...	...	...	6016		...	...	...	1344
3130 Insulated wire and cable		74		...	...	...	4444		...	...	...	1085
3140 Accumulators, primary cells and batteries		37		...	...	...	1440		...	...	...	297
3150 Lighting equipment and electric lamps		237		...	...	...	3076		...	...	...	632
3190 Other electrical equipment n.e.c.		382		...	...	...	3682		...	...	...	826
3210 Electronic valves, tubes, etc.		325		...	...	...	7118		...	...	...	1649
3220 TV/radio transmitters, line comm. apparatus		134		...	...	...	36190		...	...	...	10641
3230 TV and radio receivers and associated goods		167		...	...	...	4415		...	...	...	990
331 Medical, measuring, testing appliances, etc.		1648		...	...	...	25125		...	...	...	6678
3311 Medical, surgical and orthopaedic equipment		997		...	...	...	8268		...	...	...	1997
3312 Measuring/testing/navigating appliances, etc.		480		...	...	...	14837		...	...	...	4074
3313 Industrial process control equipment		171		...	...	...	2020		...	...	...	608
3320 Optical instruments & photographic equipment		143		...	...	...	1409		...	...	...	375
3330 Watches and clocks		22		...	...	...	224		...	...	...	59
3410 Motor vehicles		100		...	...	...	50501		...	...	...	13011
3420 Automobile bodies, trailers & semi-trailers		199		...	...	...	2966		...	...	...	616
3430 Parts/accessories for automobiles		365		...	...	...	18575		...	...	...	4097
351 Building and repairing of ships and boats		1015		...	...	...	4896		...	...	...	1060
3511 Building and repairing of ships		225		...	...	...	2690		...	...	...	618
3512 Building/repairing of pleasure/sport. boats		790		...	...	...	2206		...	...	...	442
3520 Railway/tramway locomotives & rolling stock		28		...	...	...	3620		...	...	...	919
3530 Aircraft and spacecraft		125		...	...	...	11463		...	...	...	2877
359 Transport equipment n.e.c.		123		...	...	...	1487		...	...	...	317
3591 Motorcycles		23		...	...	...	195		...	...	...	50
3592 Bicycles and invalid carriages		54		...	...	...	1108		...	...	...	232
3599 Other transport equipment n.e.c.		46		...	...	...	184		...	...	...	35
3610 Furniture		2882		...	...	...	25824		...	...	...	5029
369 Manufacturing n.e.c.		2026		...	...	...	5891		...	...	...	1131
3691 Jewellery and related articles		519		...	...	...	629		...	...	...	115
3692 Musical instruments		154		...	...	...	875		...	...	...	27
3693 Sports goods		221		...	...	...	875		...	...	...	196
3694 Games and toys		210		...	...	...	828		...	...	...	184
3699 Other manufacturing n.e.c.		922		...	...	...	3406		...	...	...	609
3710 Recycling of metal waste and scrap		94		...	...	...	704		...	...	...	135
3720 Recycling of non-metal waste and scrap		51		...	...	...	239		...	...	...	54
D Total manufacturing	

Sweden

ISIC Industry	Output (million KRONOR)			Value added in factor values (million KRONOR)			Gross fixed capital formation (million KRONOR)		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
	Note	Note	Note	Note	Note	Note	Note	Note	Note
ISIC Industry									
151 Processed meat, fish, fruit, vegetables, fats	40354	40354	40354	9327	9327	9327	3118	3118	3118
1511 Processing/preserving of meat	24926	24926	24926	5246	5246	5246	2100	2100	2100
1512 Processing/preserving of fish	3192	3192	3192	801	801	801	167	167	167
1513 Processing/preserving of fruit & vegetables	7292	7292	7292	2081	2081	2081	349	349	349
1514 Vegetable and animal oils and fats	4943	4943	4943	1197	1197	1197	483	483	483
1520 Dairy products	21396	21396	21396	4139	4139	4139	813	813	813
153 Grain mill products; starches; animal feeds	6449	6449	6449	1207	1207	1207	203	203	203
1531 Grain mill products	2811	2811	2811	720	720	720	85	85	85
1532 Starches and starch products	996	996	996	148	148	148	35	35	35
1533 Prepared animal feeds	2642	2642	2642	339	339	339	82	82	82
154 Other food products									
1541 Bakery products	11584	11584	11584	5081	5081	5081	714	714	714
1542 Sugar									
1543 Cocoa, chocolate and sugar confectionery									
1544 Macaroni, noodles & similar products	21	21	21	8	8	8	1	1	1
1549 Other food products n.e.c.									
155 Beverages	13191	13191	13191	4039	4039	4039	763	763	763
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	2225	2225	2225	759	759	759	133	133	133
1711 Textile fibre preparation; textile weaving	1703	1703	1703	572	572	572	106	106	106
1712 Finishing of textiles	522	522	522	188	188	188	27	27	27
172 Other textiles	5660	5660	5660	2383	2383	2383	335	335	335
1721 Made-up textile articles, except apparel	1895	1895	1895	660	660	660	91	91	91
1722 Carpets and rugs	124	124	124	80	80	80	5	5	5
1723 Cordage, rope, twine and netting	212	212	212	60	60	60	3	3	3
1729 Other textiles n.e.c.	3730	3730	3730	1622	1622	1622	235	235	235
1730 Knitted and crocheted fabrics and articles	857	857	857	277	277	277	40	40	40
1810 Wearing apparel, except fur apparel	2275	2275	2275	830	830	830	85	85	85
1820 Dressing & dyeing of fur; processing of fur	106	106	106	26	26	26	2	2	2
191 Tanning, dressing and processing of leather	943	943	943	299	299	299	39	39	39
1911 Tanning and dressing of leather									
1912 Luggage, handbags, etc.; saddlery & harness	490	490	490	162	162	162	47	47	47
1920 Footwear									
2010 Sawmilling and planing of wood	38037	38037	38037	7912	7912	7912	2770	2770	2770
2020 Products of wood, cork, straw, etc.	24873	24873	24873	8391	8391	8391	1223	1223	1223
2021 Veneer sheets, plywood, particle board, etc.	2280	2280	2280	694	694	694	159	159	159
2022 Builders' carpentry and joinery	18615	18615	18615	6238	6238	6238	756	756	756
2023 Wooden containers	2143	2143	2143	734	734	734	154	154	154
2029 Other wood products; articles of cork/straw	1835	1835	1835	724	724	724	155	155	155
210 Paper and paper products	94427	94427	94427	32377	32377	32377	11197	11197	11197
2101 Pulp, paper and paperboard	76000	76000	76000	25850	25850	25850	9803	9803	9803
2102 Corrugated paper and paperboard	7344	7344	7344	2597	2597	2597	602	602	602
2109 Other articles of paper and paperboard	11082	11082	11082	3930	3930	3930	792	792	792
221 Publishing of books and other publications	36785	36785	36785	12330	12330	12330	1314	1314	1314
2211 Publishing of newspapers, journals, etc.	6962	6962	6962	2265	2265	2265	178	178	178
2212 Publishing of newspapers, journals, etc.	26013	26013	26013	9109	9109	9109	955	955	955
2213 Publishing of recorded media	2324	2324	2324	626	626	626	123	123	123
2219 Other publishing	1486	1486	1486	341	341	341	59	59	59

cont inued

Sweden

ISIC Industry	Output (million KRONOR)				Value added in factor values (million KRONOR)				Gross fixed capital formation (million KRONOR)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
222 Printing and related service activities		...	...	...	26860		...	...	...	10441
2221 Printing		...	...	...	21261		...	...	...	7867
2222 Service activities related to printing		...	...	...	5599		...	...	...	2573
2230 Reproduction of recorded media		...	...	...	468		...	...	...	118
2310 Coke oven products		...	...	...	61		...	...	...	11
2320 Refined petroleum products		...	...	...	...		...	...	...	...
2330 Processing of nuclear fuel		...	...	...	...		...	...	...	...
241 Basic chemicals		...	...	...	31074		...	...	...	9598
2411 Basic chemicals, except fertilizers		...	...	...	18380		...	...	...	5707
2412 Fertilizers and nitrogen compounds		...	...	...	...		...	...	...	...
2413 Plastics in primary forms; synthetic rubber		...	...	...	...		...	...	...	...
242 Other chemicals		...	...	...	...		...	...	...	...
2421 Pesticides and other agro-chemical products		...	...	...	77		...	...	...	...
2422 Paints, varnishes, printing ink and mastics		...	...	...	6868		...	...	...	30
2423 Pharmaceuticals, medicinal chemicals, etc.		...	...	...	49599		...	...	...	2284
2424 Soap, cleaning & cosmetic preparations		...	...	...	2554		...	...	...	21534
2429 Other chemical products n.e.c.		...	...	...	...		...	...	...	965
2430 Man-made fibres		...	...	...	...		...	...	...	...
251 Rubber products		...	...	...	8400		...	...	...	3292
2511 Rubber tyres and tubes		...	...	...	3152		...	...	...	1045
2519 Other rubber products		...	...	...	5248		...	...	...	2247
2620 Plastic products		...	...	...	21167		...	...	...	7980
2610 Glass and glass products		...	...	...	4475		...	...	...	1878
269 Non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...
2691 Pottery, china and earthenware		...	...	...	...		...	...	...	...
2692 Refractory ceramic products		...	...	...	542		...	...	...	189
2693 Struct.non-refractory clay; ceramic products		...	...	...	...		...	...	...	...
2694 Cement, lime and plaster		...	...	...	7706		...	...	...	2855
2695 Articles of concrete, cement and plaster		...	...	...	1005		...	...	...	394
2696 Cutting, shaping & finishing of stone		...	...	...	3127		...	...	...	1067
2699 Other non-metallic mineral products n.e.c.		...	...	...	...		...	...	...	...
2710 Basic iron and steel		...	...	...	...		...	...	...	...
2720 Basic precious and non-ferrous metals		...	...	...	13619		...	...	...	3581
273 Casting of metals		...	...	...	765		...	...	...	74
2731 Casting of iron and steel		...	...	...	217		...	...	...	99
2732 Casting of non-ferrous metals		...	...	...	548		...	...	...	246
281 Struct. metal products; tanks; steam generators		...	...	...	19015		...	...	...	6517
2811 Structural metal products		...	...	...	17393		...	...	...	5995
2812 Tanks, reservoirs and containers of metal		...	...	...	1431		...	...	...	543
2813 Steam generators		...	...	...	191		...	...	...	78
289 Other metal products; metal working services		...	...	...	58188		...	...	...	25511
2891 Metal forging/pressing/stamping/roll-forming		...	...	...	2085		...	...	...	912
2892 Treatment & coating of metals		...	...	...	21479		...	...	...	9950
2893 Cutlery, hand tools and general hardware		...	...	...	9736		...	...	...	5147
2899 Other fabricated metal products n.e.c.		...	...	...	24887		...	...	...	9502
291 General purpose machinery		...	...	...	50457		...	...	...	19194
2911 Engines & turbines (not for transport equip.)		...	...	...	...		...	...	...	...
2912 Pumps, compressors, taps and valves		...	...	...	...		...	...	...	...
2913 Bearings, gears, gearing & driving elements		...	...	...	1183		...	...	...	398
2914 Ovens, furnaces and furnace burners		...	...	...	16118		...	...	...	5470
2915 Lifting and handling equipment		...	...	...	17263		...	...	...	6362
2919 Other general purpose machinery		...	...	...	...		...	...	...	...

292 Special purpose machinery	73526	25595	2290
2921 Agricultural and forestry machinery	5447	1818	180
2922 Machine tools	13159	5641	520
2923 Machinery for metallurgy	1093	429	35
2924 Machinery for mining & construction	15273	4940	514
2925 Food/beverage/tobacco processing machinery	...	...	...
2926 Machinery for textile, apparel and leather	7311	2336	135
2927 Weapons and ammunition	18983	6172	539
2929 Other special purpose machinery	11825	4101	572
2930 Domestic appliances n.e.c.	...	...	...
3000 Office, accounting and computing machinery	6057	1987	210
3110 Electric motors, generators and transformers	4971	1713	269
3120 Electricity distribution & control apparatus	7365	2567	251
3130 Insulated wire and cable	7298	2583	268
3140 Accumulators, primary cells and batteries	1268	552	27
3150 Lighting equipment and electric lamps	3322	1200	146
3190 Other electrical equipment n.e.c.	4515	1549	166
3210 Electronic valves, tubes, etc.	8383	2590	318
3220 TV/radio transmitters; line comm. apparatus	140911	26830	3115
3230 TV and radio receivers and associated goods	7246	2090	581
331 Medical, measuring, testing appliances, etc.	36173	13330	1012
3311 Medical, surgical and orthopaedic equipment	10335	3451	462
3312 Measuring/testing/navigating appliances, etc.	22493	8908	509
3313 Industrial process control equipment	3345	970	42
3320 Optical instruments & photographic equipment	1664	554	50
3330 Watches and clocks	279	98	4
3410 Motor vehicles	143500	42493	6099
3420 Automobile bodies, trailers & semi-trailers	3664	1177	132
3430 Parts/accessories for automobiles	22583	7824	1647
351 Building and repairing of ships and boats	5346	1864	285
3511 Building and repairing of ships	2606	1065	93
3512 Building/repairing of pleasure/sport. boats	2740	799	192
3520 Railway/tramway locomotives & rolling stock	5759	1518	131
3530 Aircraft and spacecraft	13906	5929	475
359 Transport equipment n.e.c.	1975	612	106
3591 Motorcycles	303	91	10
3592 Bicycles and invalid carriages	1473	449	91
3599 Other transport equipment n.e.c.	199	72	4
3610 Furniture	25088	8172	1198
369 Manufacturing n.e.c.	4924	2021	251
3691 Jewellery and related articles	640	248	21
3692 Musical instruments	129	57	4
3693 Sports goods	1031	484	46
3694 Games and toys	755	292	32
3699 Other manufacturing n.e.c.	2368	940	149
3710 Recycling of metal waste and scrap	1353	364	75
3720 Recycling of non-metal waste and scrap	1385	95	52
D Total manufacturing	...	...	...

Sweden

ISIC Industry	Index numbers of industrial production (1990=100)												
	ISIC Revision 3												
	Note	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
15 Food and beverages	100	96	96	100	104	108	113	113	113	113	113
16 Tobacco products	100	96	106	88	91	83	82	65	65	65	69
17 Textiles	100	84	78	73	78	79	77	76	74	74	69
18 Wearing apparel, fur	100	86	79	62	74	77	72	78	75	75	63
19 Leather, leather products and footwear	100	83	74	73	75	82	84	83	81	81	75
20 Wood products (excl. furniture)	100	92	81	85	94	100	97	106	110	110	111
21 Paper and paper products	100	98	99	104	111	107	105	114	115	115	118
22 Printing and publishing	100	96	87	85	89	92	92	91	97	97	97
23 Coke, refined petroleum products, nuclear fuel	100	90	102	117	100	101	103	107	103	103	101
24 Chemicals and chemical products	100	110	119	123	124	120	127	134	139	148	148
25 Rubber and plastics products	100	96	90	90	105	108	105	113	112	107	107
26 Non-metallic mineral products	100	89	78	71	72	77	71	71	75	80	80
27 Basic metals	100	90	94	104	123	130	132	138	137	135	135
28 Fabricated metal products	100	86	75	71	85	103	101	113	119	120	120
29 Machinery and equipment n.e.c.	100	86	86	78	92	107	102	102	100	99	99
30 Office, accounting and computing machinery	100	114	91	61	55	52	52	52	52	48	48
31 Electrical machinery and apparatus	100	86	89	90	93	101	98	103	112	120	120
32 Radio, television and communication equipment	100	111	120	144	206	323	435	539	610	735	735
33 Medical, precision and optical instruments	100	93	92	101	107	135	141	149	172	178	178
34 Motor vehicles, trailers, semi-trailers	100	99	98	94	131	168	162	186	209	220	220
35 Other transport equipment	100	106	104	98	101	112	113	121	119	118	118
36 Furniture; manufacturing n.e.c.	100	94	89	83	92	102	105	112	118	119	119
37 Recycling	100	92	150	139	154	173	188	256	277	344	344
D Total manufacturing	97	100	100	95	93	92	102	112	115	123	128	130	130

SWITZERLAND

<p>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.</p> <p>Basic source of data: Annual industrial survey.</p> <p>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).</p> <p>Reference period (if not calendar year):</p> <p>Scope: Establishments with two or more persons engaged.</p> <p>Method of enumeration: The data are collected using three types of questionnaires.</p> <p>Adjusted for non-response: No.</p>	<p>Concepts and definitions of variables: <u>Number of persons engaged</u> 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. <u>Output</u> is measured in market prices. <u>Value added</u> is in factor values.</p> <p>Related national publications: Statistique de la production et de la valeur ajoutée, published by the Office Fédéral de la Statistique (OFS), Neuchâtel.</p>
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Switzerland

ISIC Industry	Number of establishments (numbers)			Number of persons engaged (thousands)			Wages and salaries paid to employees (million FRANCES)			
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Revision 3										
15 Food and beverages		56.4		...	3394.9	3338.4	3483.7
16 Tobacco products	
17 Textiles		15.1		...	891.3	920.4	834.6
18 Wearing apparel, fur		6.9		...	407.1	401.8	304.7
19 Leather, leather products and footwear		2.6		...	157.7	160.9	128.7
20 Wood products (excl. furniture)		35.4		...	1884.3	1703.1	1913.1
21 Paper and paper products		14.4		...	949.8	1011.6	1016.6
22 Printing and publishing		47.8		...	3696.3	3497.9	3518.7
23 Coke, refined petroleum products, nuclear fuel	
24 Chemicals and chemical products		59.6		...	5192.9	5346.6	5274.3
25 Rubber and plastics products		23.7		...	1495.6	1504.7	1535.8
26 Non-metallic mineral products		18.6		...	1218.2	1185.4	1190.8
27 Basic metals		15.6		...	1012.8	1025.0	1102.5
28 Fabricated metal products		79.9		...	4864.8	4931.5	5020.5
29 Machinery and equipment n.e.c.		106.3		...	7982.7	7912.1	7565.6
30 Office, accounting and computing machinery	
31 Electrical machinery and apparatus		36.7		...	2752.2	2641.8	2608.5
32 Radio, television and communication equipment		19.0		...	1233.0	1318.7	1349.7
33 Medical, precision and optical instruments		66.6		...	4266.5	4411.3	4625.5
34 Motor vehicles, trailers, semi-trailers		4.3		...	274.1	276.1	281.1
35 Other transport equipment		11.3		...	719.5	843.2	862.9
36 Furniture, manufacturing n.e.c.		25.5		...	1496.9	1440.4	1376.3
37 Recycling		2.8		...	140.2	157.1	191.2
D Total manufacturing	

Switzerland

ISIC Industry	Output (million FRANCES)				Value added in factor values (million FRANCES)				Gross fixed capital formation (million FRANCES)				
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999			
15 Food and beverages		23260.4	22978.9	23170.3	23170.3		5793.1	5930.3	5837.6	5837.6		...	...
16 Tobacco products	
17 Textiles		3197.4	3275.0	3143.6	3143.6		1326.5	1371.3	1202.3	1202.3		...	...
18 wearing apparel, fur		1530.2	1768.3	1385.9	1385.9		576.1	538.2	443.2	443.2		...	...
19 Leather, leather products and footwear		574.9	416.5	394.5	394.5		207.8	189.6	122.4	122.4		...	...
20 Wood products (excl. furniture)		5984.2	5922.8	6319.6	6319.6		2865.5	2669.9	2875.5	2875.5		...	...
21 Paper and paper products		4280.6	4481.8	4652.2	4652.2		1578.5	1695.8	1766.6	1766.6		...	...
22 Printing and publishing		10811.9	10192.3	10831.3	10831.3		5411.8	5286.5	5313.6	5313.6		...	...
23 Coke, refined petroleum products, nuclear fuel	
24 Chemicals and chemical products		39783.5	40549.1	34746.8	34746.8		11747.8	12031.0	11604.8	11604.8		...	...
25 Rubber and plastics products		5593.0	6199.2	6590.5	6590.5		2315.2	2514.1	2539.8	2539.8		...	...
26 Non-metallic mineral products		4814.9	5105.2	4270.3	4270.3		1850.8	1877.5	1960.8	1960.8		...	...
27 Basic metals		5398.2	4956.2	5137.4	5137.4		1624.7	1585.4	1599.4	1599.4		...	...
28 Fabricated metal products		15538.1	16190.2	16250.1	16250.1		7703.1	7728.3	7992.8	7992.8		...	...
29 Machinery and equipment n.e.c.		31511.9	33498.5	29584.7	29584.7		11997.1	11975.1	11576.4	11576.4		...	...
30 Office, accounting and computing machinery	
31 Electrical machinery and apparatus		12838.7	12027.7	13544.8	13544.8		3964.6	3853.1	4884.6	4884.6		...	...
32 Radio, television and communication equipment		5088.6	5873.2	5763.1	5763.1		1901.2	2055.5	2140.2	2140.2		...	...
33 Medical, precision and optical instruments		17243.7	21113.0	20456.8	20456.8		7349.1	8186.1	8422.1	8422.1		...	...
34 Motor vehicles, trailers, semi-trailers		1095.9	1175.3	1291.6	1291.6		400.1	397.4	447.6	447.6		...	...
35 Other transport equipment		2384.4	3139.0	3207.0	3207.0		950.7	1126.3	1087.1	1087.1		...	...
36 Furniture; manufacturing n.e.c.		5480.8	5606.9	5358.1	5358.1		2344.0	2265.0	2247.2	2247.2		...	...
37 Recycling		744.8	812.9	978.9	978.9		250.3	281.0	364.7	364.7		...	...
D Total manufacturing	

Switzerland

ISIC Industry		Index numbers of industrial production (1990=100)													
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
		Note													
15	Food and beverages	95	98	100	100	99	101	100	102	102	102	102	96	95	97
16	Tobacco products	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	Textiles	107	104	100	97	94	90	92	96	91	89	89	89	87	83
18	Wearing apparel, fur	101	96	100	102	91	86	82	82	87	89	89	89	79	73
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	89	93	100	94	92	86	94	91	89	92	92	97	97	97
21	Paper and paper products	95	99	100	100	102	101	104	104	99	101	101	103	103	107
22	Printing and publishing	99	99	100	98	95	93	102	105	107	106	106	118	118	124
23	Coke, refined petroleum products, nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products	86	99	100	101	106	113	130	143	157	180	180	194	194	217
25	Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	Non-metallic mineral products	100	102	100	87	83	77	85	81	76	75	75	77	77	85
27	Basic metals	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	Fabricated metal products	93	93	100	105	104	100	102	104	103	110	110	113	113	114
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	98	100	100	99	97	100	103	103	108	108	112	116	116

a/ 15 includes 16.
b/ 28 includes 29, 30, 31, 32, 33, 34 and 35.

TAJIKISTAN

<p>Supplier of information: State Statistical Agency, Dushanbe.</p> <p>Basic source of data: Not reported.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Not reported.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <u>Output and gross fixed capital formation</u> are expressed in Tajik roubles.</p> <p>Related national publications:</p>
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222 Printing and related service activities												
2221 Printing	34											1422
2222 Service activities related to printing	34											1422
2230 Reproduction of recorded media		38										
2310 Coke oven products												
2320 Refined petroleum products												
2330 Processing of nuclear fuel												
241 Basic chemicals	3	4				4097	3004	3038	1806			
2411 Basic chemicals, except fertilizers				3								
2412 Fertilizers and nitrogen compounds	1	1		2		787	776	843	780			
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		268	302	206	171			
2423 Pharmaceuticals, medicinal chemicals, etc.												
2424 Soap, cleaning & cosmetic preparations				2			25	37	30			
2429 Other chemical products n.e.c.	1											
2430 Man-made fibres												
251 Rubber products												
2511 Rubber tyres and tubes	1	1				105	76	98	92			
2519 Other rubber products												
2520 Plastic products	1	1				124	108	93	86			
2610 Glass and glass products												
269 Non-metallic mineral products n.e.c.	2	2		2		1358	873	681	901			
2691 Pottery, china and earthenware												
2692 Refractory ceramic products												
2693 Struct.non-refractory clay; ceramic products												
2694 Cement, lime and plaster	5	5		5		931	842	912	937			
2695 Articles of concrete, cement and plaster	63	71		64		4307	3074	2867	3079			
2696 Cutting, shaping & finishing of stone	20	27		31		584	405	405	250			
2699 Other non-metallic mineral products n.e.c.												
2710 Basic iron and steel												
2720 Basic precious and non-ferrous metals	5	6		6		14411	17864	15318	17007			
273 Casting of metals												
2731 Casting of iron and steel												
2732 Casting of non-ferrous metals												
281 Structural metal products;tanks;steam generators												
2811 Structural metal products	9	17		14		55	102	185	288			
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	4	4		4		769	549	531	479			
292 Special purpose machinery												
2921 Agricultural and forestry machinery	4	4		3		1516	1127	544	372			
2922 Machine tools	2	2		2		313	284	283	251			
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	2	2		2		1721	1391	1282	1202			
2929 Other special purpose machinery												
2930 Domestic appliances n.e.c.	2					781						

Tajikistan

ISIC Revision 3	Number of establishments (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million T. ROUBLES)							
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	
ISIC Industry																
3000 Office, accounting and computing machinery	
3110 Electric motors, generators and transformers		-	4	4	5		-	920	525	606		...	...	...	...	...
3120 Electricity distribution & control apparatus	
3130 Insulated wire and cable		1	1	1	2		...	163	148	118		...	...	...	...	...
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		1769	1492	1361	1309		...	...	...	...	...
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		6	5	6	4		769	559	306	234		...	...	...	...	...
369 Manufacturing n.e.c.	
3691 Jewellery and related articles	
3692 Musical instruments		2	1	2	2		1131	104	123	79		...	...	...	...	...
3693 Sports goods	
3694 Games and toys	
3699 Other manufacturing n.e.c.	
3710 Recycling of metal waste and scrap		1	...	-	...		61	...	-	...		...	...	...	...	...
3720 Recycling of non-metal waste and scrap	
D Total manufacturing		1261	1577	1143	1063		108197	98575	86059	86413		...	...	...	...	...

Tajikistan

ISIC Industry	Output (million T. ROUBLES)			Note	Value added (million T. ROUBLES)			Note	Gross fixed capital formation (million T. ROUBLES)			
	1996	1997	1998		1999	1996	1997		1998	1999	1998	1999
	Note											
151 Processed meat, fish, fruit, vegetables, fats	4765	20875	10362	13576					7722	10490		
1511 Processing/preserving of meat	483	582	420	492					1247	1660		
1512 Processing/preserving of fish	27	57	111	84					486	687		
1513 Processing/preserving of fruit & vegetables	2339	3524	3560	4866					2833	3559		
1514 Vegetable and animal oils and fats	1916	16712	6271	8133					3155	4584		
1520 Dairy products	385	497	490	630					1210	1459		
153 Grain mill products; starches; animal feeds	23526	41793	84676	65144					3350	5826		
1531 Grain mill products				65031						5627		
1532 Starches and starch products	58	26	19	113					184	200		
1533 Prepared animal feeds												
154 Other food products	16908	29034	87005	106943					3356	2825		
1541 Bakery products												
1542 Sugar	109	284	170	42					1622	1390		
1543 Cocoa, chocolate and sugar confectionery												
1544 Macaroni, noodles & similar products	363	411	414	412					96	65		
1549 Other food products n.e.c.												
155 Beverages												
1551 Distilling, rectifying & blending of spirits		970	2450	3107						1376		
1552 Wines	309	794	1338	1784					955	1292		
1553 Malt liquors and malt												
1554 Soft drinks; mineral waters	129	356	1562	1118					3056	3321		
1600 Tobacco products	1104	408	605	4148					1754	984		
171 Spinning, weaving and finishing of textiles												
1711 Textile fibre preparation; textile weaving	35023	64235	87362	143067					24001	92634		
1712 Finishing of textiles										92634		
172 Other textiles				7021						7725		
1721 Made-up textile articles, except apparel												
1722 Carpets and rugs	986	3532	5761	6936					2895	7621		
1723 Cordage, rope, twine and netting												
1729 Other textiles n.e.c.	28	25	65	84					105	104		
1730 Knitted and crocheted fabrics and articles	576	293	492	639					1703	2698		
1810 Wearing apparel, except fur apparel	998	1455	2946	1907					3190	3522		
1820 Dressing & dyeing of fur; processing of fur	2	4	100	31					460	500		
191 Tanning, dressing and processing of leather												
1911 Tanning and dressing of leather	3	6										
1912 Luggage, handbags, etc.; saddlery & harness	228	353	508	354					2148	2397		
1920 Footwear												
2010 Sawmilling and planing of wood		6	7	6					24	10		
2021 Products of wood, cork, straw, etc.				131						820		
2022 Veneer sheets, plywood, particle board, etc.												
2023 Builders' carpentry and joinery	10	38	72	127					605	692		
2023 Wooden containers	20	28	13	4					42	128		
2029 Other wood products; articles of cork/straw												
210 Paper and paper products												
2101 Pulp, paper and paperboard	29	25	20	19					165	151		
2102 Corrugated paper and paperboard												
2109 Other articles of paper and paperboard												
221 Publishing of books and other publications												
2211 Publishing of newspapers, journals, etc.												
2212 Publishing of newspapers, journals, etc.												
2213 Publishing of recorded media												
2219 Other publishing												

continued

Tajikistan

ISIC Industry	Output (million T. ROUBLES)			Value added (million T. ROUBLES)			Gross fixed capital formation (million T. ROUBLES)	
	1996	1997	1998	1996	1997	1998	1998	1999
	Note	Note	Note	Note	Note	Note	Note	Note
ISIC Industry								
222 Printing and related service activities								
2221 Printing	202	423	595	806	806		4072	4216
2222 Service activities related to printing								4216
2230 Reproduction of recorded media								
2310 Coke oven products								
2320 Refined petroleum products								
2330 Processing of nuclear fuel								
241 Basic chemicals	7586	10387	7207	10034			7990	8723
2411 Basic chemicals, except fertilizers	1547	2026	3323	2322			516	442
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	213	232	245	261			224	353
2423 Pharmaceuticals, medicinal chemicals, etc.								
2424 Soap, cleaning & cosmetic preparations		17	3	25			778	766
2429 Other chemical products n.e.c.								
2430 Man-made fibres								
251 Rubber products								
2511 Rubber tyres and tubes	56	74	82	92				64
2519 Other rubber products								
2520 Plastic products	29	31	36	43			64	497
2610 Glass and glass products	599	812	1110	1702			503	1970
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	742	1614	1126	3017			1830	6810
2695 Articles of concrete, cement and plaster	1780	2039	3787	6383			7544	10625
2696 Cutting, shaping & finishing of stone	130	184	302	369			7970	1094
2699 Other non-metallic mineral products n.e.c.								
2710 Basic iron and steel								
2720 Basic precious and non-ferrous metals	80333	161895	203308	395782			71517	127176
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	44	49	260	487			437	408
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	267	366	452	465			1093	1777

292 Special purpose machinery														2709	2678
2921 Agricultural and forestry machinery	406	551	314	367										429	602
2922 Machine tools	45	59	107	130											
2923 Machinery for metallurgy															
2924 Machinery for mining & construction															
2925 Food/beverage/tobacco processing machinery															
2926 Machinery for textile, apparel and leather	574	661	756	861											4690
2927 Weapons and ammunition															
2929 Other special purpose machinery															
2930 Domestic appliances n.e.c.	113		-												
3000 Office, accounting and computing machinery															
3110 Electric motors, generators and transformers															
3120 Electricity distribution & control apparatus		329	287	417											2321
3130 Insulated wire and cable		929	804	1749											661
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	681	863	1102	1011											1063
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	106	114	161	161											1520
369 Manufacturing n.e.c.															
3691 Jewellery and related articles	3552	25	17	24											262
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	193297	349125	511809	776586										194993	354410

Tajikistan

ISIC Industry	Index numbers of industrial production (1990=100)												
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	Note												
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	27	28	32	

THAILAND

<p>Supplier of information: National Statistical Office, Bangkok.</p> <p>Basic source of data: Census of manufacturing industry, annual industrial survey.</p> <p>Major deviations from ISIC (Revision 3): For 1998, data for certain industries were combined due to confidentiality rules.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Sampled establishments with 10 or more persons engaged.</p> <p>Method of enumeration: The inquiry was carried out through field interviews by enumerators.</p> <p>Adjusted for non-response: No.</p>	<p>Concepts and definitions of variables: <u>Wages and salaries</u> includes employer's contribution paid to social security schemes in respect of the employees. <u>Output</u> is gross output. <u>Gross fixed capital formation</u> refers to gross addition to fixed assets.</p> <p>Related national publications: Report of the 1997 Industrial Census, Whole Kingdom; Report of the 1999 Industrial Survey, Whole Kingdom, both published by the National Statistical Office, Bangkok.</p>
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Thailand

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees			
	Note	(numbers)			Note	(thousands)			Note	(million BAHT)		
		1996	1997	1998		1999	1996	1997		1998	1999	1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		1045	861	861	207.5	255.8	13886	18149				
1511 Processing/preserving of meat		164	119	119	30.3	68.7	4135	4135				
1512 Processing/preserving of fish		430	395	395	114.0	136.4	7916	10131				
1513 Processing/preserving of fruit & vegetables		373	286	286	52.0	44.3	2907	3046				
1514 Vegetable and animal oils and fats		78	61	61	11.1	6.5	919	838				
1520 Dairy products		154	81	81	15.4	7.7	1149	925				
1530 Grain mill products		1022	841	841	45.1	35.3	3564	2626				
1531 Grain mill products		807	702	702	26.7	24.1	1901	1419				
1532 Starches and starch products		46	28	28	3.8	2.7	261	228				
1533 Prepared animal feeds		169	111	111	14.6	8.5	1401	979				
154 Other food products		1073	889	889	81.1	47.6	6945	3671				
1541 Bakery products		244	171	171	16.0	7.9	1185	490				
1542 Sugar		54	56a/	56a/	28.1	16.4a/	2807	1303a/				
1543 Cocoa, chocolate and sugar confectionery		48	41	41	4.1	3.1a/	314	374				
1544 Macaroni, noodles & similar products		142	113	113	9.2	5.7	584	374				
1549 Other food products n.e.c.		585	549	549	23.6	17.6	2054	1503				
155 Beverages		254	200	200	50.2	21.7	8191	3310				
1551 Distilling, rectifying & blending of spirits		19	25b/	25b/	6.6	9.5b/	1158	1624d/				
1552 Wines		4	1.1	1.1	1.1	..b/	182	..b/				
1553 Malt liquors and malt		6	..b/	..b/	3.4	..b/	1702	..b/				
1554 Soft drinks; mineral waters		225	175	175	39.1	12.2	5170	1686				
1600 Tobacco products		238	225	225	17.2	8.3	2938	282				
171 Spinning, weaving and finishing of textiles		996	901	901	165.8	145.1	13423	13763				
1711 Textile fibre preparation; textile weaving		748	665	665	141.6	126.3	11423	12109				
1712 Finishing of textiles		248	236	236	24.2	18.8	2000	1653				
172 Other textiles		405	312	312	47.0	39.4	3461	3074				
1721 Made-up textile articles, except apparel		204	146	146	14.6	11.77	1177	1177				
1722 Carpets and rugs		29	3.9	3.9	3.9	..	371	..				
1723 Cordage, rope, twine and netting		45	17.5	17.5	17.5	..	830	..				
1729 Other textiles n.e.c.		127	11.0	11.0	11.0	..	1083	..				
1730 Knitted and crocheted fabrics and articles		119	89	89	12.1	13.9	887	880				
1810 Wearing apparel, except fur apparel		1861	1919	1919	173.7	138.9	13422	9700				
1820 Dressing & dyeing of fur; processing of fur		16	6	6	1.4	0.1	112	6				
191 Tanning, dressing and processing of leather		319	293	293	26.8	21.8	2201	1790				
1911 Tanning and dressing of leather		82	82	82	8.7	7.54	754	..				
1912 Luggage, handbags, etc.; saddlery & harness		237	181	181	18.1	14.46	1446	..				
1920 Footwear		513	560	560	62.1	55.9	4236	3953				
2010 Sawmilling and planing of wood		354	796c/	796c/	22.6	40.7c/	1352	2545c/				
202 Products of wood, cork, straw, etc.		591	..c/	..c/	36.0	..c/	2651	..c/				
2021 Veneer sheets, plywood, particle board, etc.		78	10.7	10.7	10.7	..	978	..				
2022 Builders' carpentry and joinery		227	8.4	8.4	8.4	..	578	..				
2023 Wooden containers		63	2.2	2.2	2.2	..	138	..				
2029 Other wood products; articles of cork/straw		223	..	..	14.6	..	957	..				
210 Paper and paper products		559	441	441	43.2	28.5	6792	3268				
2101 Pulp, paper and paperboard		107	14.5	14.5	14.5	..	3329	..				
2102 Corrugated paper and paperboard		315	20.1	20.1	20.1	..	2388	..				
2109 Other articles of paper and paperboard		137	8.7	8.7	8.7	..	1076	..				
221 Publishing of books and other publications		199	171d/	171d/	16.8	10.3d/	305	1646d/				
2211 Publishing of newspapers, journals, etc.		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	...	20.4	...	3760	...	1914	...
2221	Printing	636	...	26.5	...	d/	...	3427	...	d/	...
2222	Service activities related to printing	68	...	3.0	...	d/	...	333	...	d/	...
2230	Reproduction of recorded media	12	...	1.3	...	d/	...	112	...	d/	...
2310	Coke oven products	3	...	0.6	...	2	...	80	...	80	...
2320	Refined petroleum products	38	...	6.8	...	0.8	...	2318	...		...
2330	Processing of nuclear fuel	1	...	-	...	0.1	...	...	...		...
241	Basic chemicals	329	...	27.5	...	19.7	...	5096	...	3859	...
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	...	39.3	...	8253	...	5373	...
2421	Pesticides and other agro-chemical products	34	...	10.3	...		...	568	...		...
2422	Paints, varnishes, printing ink and mastics	130	...	20.3	...		...	1537	...		...
2423	Pharmaceuticals, medicinal chemicals, etc.	178	...	28.2	...		...	2832	...		...
2424	Soap, cleaning & cosmetic preparations	130	...	17.1	...		...	2652	...		...
2429	Other chemical products n.e.c.	116	...	9.1	...		...	1194	...		...
2430	Man-made fibres	19	...	4.2	...	1.5	...	837	...	173	...
251	Rubber products	540	...	79.2	...	69.8	...	6058	...	5745	...
2511	Rubber tyres and tubes	94	...	21.2	...		...	2070	...		...
2519	Other rubber products	446	...	58.0	...		...	3988	...		...
2520	Plastic products	1272	...	113.0	...	104.1	...	9825	...	9301	...
2610	Glass and glass products	82	...	16.2	...	10.4	...	2206	...	1534	...
2629	Non-metallic mineral products n.e.c.	2427	...	137.8	...	115.7	...	14356	...	14356	...
2691	Pottery, china and earthenware	301	...	29.0	...	38.5e/	...	2379	...	4447e/	...
2692	Refractory ceramic products	76	...	5.0	...	e/	...	441	...	e/	...
2693	Structural non-refractory clay; ceramic products	531	...	11.2	...	8.7	...	595	...	555	...
2694	Cement, lime and plaster	66	...	12.4	...	e/	...	1824	...	e/	...
2695	Articles of concrete, cement and plaster	1259	...	67.9	...	68.5	...	6576	...	9355	...
2696	Cutting, shaping & finishing of stone	94	...	6.1	...	e/	...	399	...	e/	...
2699	Other non-metallic mineral products n.e.c.	100	...	6.3	...	e/	...	527	...	e/	...
2710	Basic iron and steel	181	...	23.4	...	31.4f/	...	2577	...	4512f/	...
2720	Basic precious and non-ferrous metals	87	...	5.8	...	f/	...	509	...	f/	...
273	Casting of metals	207	...	14.0	...	f/	...	1953	...	f/	...
2731	Casting of iron and steel	83	...	7.5	...		...	1348	...		...
2732	Casting of non-ferrous metals	124	...	6.5	...		...	645	...		...
281	Structural metal products; tanks; steam generators	690	...	46.0	...	26.1	...	5062	...	2893	...
2811	Structural metal products	578	...	30.6	...	21.1	...	3311	...	2256	...
2812	Tanks, reservoirs and containers of metal	104	...	14.9	...	5.0g/	...	1698	...	637g/	...
2813	Steam generators	8	...	0.5	...	g/	...	53	...	g/	...
289	Other metal products; metal working services	1571	...	83.3	...	79.0	...	7591	...	7036	...
2891	Metal forging/pressing/stamping/roll-forming	586	...	17.6	...	15.8	...	1747	...	1430	...
2892	Treatment & coating of metals	203	...	8.4	...	8.9h/	...	858	...	660h/	...
2893	Cutlery, hand tools and general hardware	110	...	6.8	...	h/	...	572	...	h/	...
2899	Other fabricated metal products n.e.c.	672	...	50.4	...	54.3	...	4415	...	4945	...
291	General purpose machinery	389	...	43.2	...	29.0i/	...	5485	...	3903i/	...
2911	Engines & turbines (not for transport equip.)	7	...	0.7	...	0.7	...	66	...		...
2912	Pumps, compressors, taps and valves	57	...	5.3	...	i/	...	570	...	i/	...
2913	Bearings, gears, gearing & driving elements	27	...	8.1	...	i/	...	1281	...	i/	...
2914	Ovens, furnaces and furnace burners	10	...	0.3	...	i/	...	22	...	i/	...
2915	Lifting and handling equipment	50	...	4.2	...	i/	...	622	...	i/	...
2919	Other general purpose machinery	238	...	24.7	...	65.0j/	...	2985	...	7855j/	...
292	Special purpose machinery	465	...	39.7	...	j/	...	...	...	j/	...
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	...	j/	...	3376	...	j/	...

cont inued

Thailand

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	(numbers)				(thousands)				(million BAHT)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
3000 Office, accounting and computing machinery		58	...	30	...		78.7	...	35.0	...		9162	...	3948	...
3110 Electric motors, generators and transformers		72	...	355k/	...		12.1	...	85.9k/	...		1534	...	9511k/	...
3120 Electricity distribution & control apparatus		128	...	k/	...		24.0	...	k/	...		2998	...	k/	...
3130 Insulated wire and cable		26	...	k/	...		9.8	...	k/	...		615	...	k/	...
3140 Accumulators, primary cells and batteries		14	...	k/	...		2.5	...	k/	...		223	...	k/	...
3150 Lighting equipment and electric lamps		77	...	k/	...		8.1	...	k/	...		560	...	k/	...
3190 Other electrical equipment n.e.c.		127	...	k/	...		28.4	...	k/	...		3604	...	k/	...
3210 Electronic valves, tubes, etc.		132	...	190m/	...		69.5	...	126.5m/	...		8344	...	16618m/	...
3220 TV/radio transmitters; line comm. apparatus		35	...	m/	...		11.0	...	m/	...		1500	...	m/	...
3230 TV and radio receivers and associated goods		91	...	m/	...		32.9	...	m/	...		3424	...	m/	...
331 Medical, measuring, testing appliances, etc.		76	...	43	...		7.2	...	5.0	...		...	...	516	...
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	...	37n/	...		8.3	...	7.7n/	...		736	...	1026n/	...
3330 Watches and clocks		26	...	n/	...		9.5	...	n/	...		999	...	n/	...
3410 Motor vehicles		107	...	392p/	...		35.8	...	64.9p/	...		4659	...	9941p/	...
3420 Automobile bodies, trailers & semi-trailers		611	...	470	...		23.5	...	12.5	...		2537	...	1179	...
3430 Parts/accessories for automobiles		377	...	p/	...		47.9	...	p/	...		5784	...	p/	...
351 Building and repairing of ships and boats		70	...	48	...		3.6	...	1.8	...		379	...	160	...
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	...	83	...		18.1	...	13.2	...		1716	...	...	...
3591 Motorcycles		100	...	59	...		15.0	...	11.9	...		1493	...	1543	...
3592 Bicycles and invalid carriages		32	...	23	...		2.6	...	1.3	...		191	...	84	...
3599 Other transport equipment n.e.c.		10	...	1	...		0.5	...	...	...		32	...	...	...
3610 Furniture		988	...	915	...		86.6	...	72.3	...		5795	...	4902	...
369 Manufacturing n.e.c.		1011	...	747	...		107.0	...	75.8	...		10257	...	6901	...
3691 Jewellery and related articles		380	...	339	...		30.9	...	23.3	...		3010	...	2343	...
3692 Musical instruments		11	...	408q/	...		5.0	...	52.5q/	...		713	...	4558q/	...
3693 Sports goods		42	...	q/	...		10.7	...	q/	...		1019	...	q/	...
3694 Games and toys		119	...	q/	...		16.8	...	q/	...		1358	...	q/	...
3699 Other manufacturing n.e.c.		459	...	q/	...		43.5	...	q/	...		4158	...	q/	...
3710 Recycling of metal waste and scrap		6	...	12r/	...		0.5	...	0.2r/	...		28	...	7r/	...
3720 Recycling of non-metal waste and scrap		20	...	r/	...		0.4	...	r/	...		25	...	r/	...
D Total manufacturing		23677	...	20441	...		2413.3	...	1984.3	...		236571	...	194535	...

a/ 1542 includes 1543.
 b/ 1551 includes 1552 and 1553.
 c/ 2010 includes 202.
 d/ 221 includes 222 and 2230.
 e/ 2691 includes 2692, 2694, 2696 and 2699.
 f/ 2710 includes 2720 and 273.
 g/ 2812 includes 2813.
 h/ 2892 includes 2893.
 i/ 2911 includes 2912.
 j/ 2919 includes 292 and 2930.
 k/ 3110 includes 3120, 3130, 3140, 3150 and 3190.
 m/ 3210 includes 3220 and 3230.
 n/ 3320 includes 3330.
 o/ 3410 includes 3430.
 p/ 3692 includes 3693, 3694 and 3699.
 q/ 3699 includes 3720.

Thailand

ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation			
	(million BAHT)				(million BAHT)				(million BAHT)			
	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1998	1999
15 ISIC Industry												
151 Processed meat, fish, fruit, vegetables, fats	223141	...	309889	...		58741	...	67345	...		5105	...
1511 Processing/preserving of meat	26109	...	51001	...		5397	...	14510	...		1317	...
1512 Processing/preserving of fish	118515	...	184378	...		23350	...	39432	...		2066	...
1513 Processing/preserving of fruit & vegetables	49821	...	33367	...		24861	...	7046	...		680	...
1514 Vegetable and animal oils and fats	28696	...	41144	...		5134	...	6358	...		1042	...
1520 Dairy products	16817	...	19232	...		4466	...	3567	...		336	...
153 Grain mill products; starches; animal feeds	133699	...	89524	...		21039	...	9249	...		1256	...
1531 Grain mill products	71872	...	45607	...		12401	...	4753	...		741	...
1532 Starches and starch products	5841	...	6492	...		633	...	633	...		67	...
1533 Prepared animal feeds	55986	...	37425	...		7666	...	3863	...		449	...
154 Other food products	108678	...	45063	...		29317	...	9749	...		2169	...
1541 Bakery products	8342	...	4063	...		3005	...	1079	...		86	...
1542 Sugar	58728	...	22595a/	...		16535	...	4091a/	...		1608a/	...
1543 Cocoa, chocolate and sugar confectionery	3996	...	...	...		867	...	...	...		...	...
1544 Macaroni, noodles & similar products	5946	...	3175	...		1558	...	932	...		95	...
1549 Other food products n.e.c.	118945	...	107009	...		7351	...	3646	...		381	...
155 Beverages	118945	...	107009	...		69669	...	69935	...		5092	...
1551 Distilling, rectifying & blending of spirits	28441	...	89828b/	...		20017	...	61630b/	...		4426b/	...
1552 Wines	4459	...	...	...		3466	...	...	...		...	...
1553 Malt liquors and malt	38001	...	...	...		25200	...	...	...		...	...
1554 Soft drinks; mineral waters	48044	...	17181	...		20986	...	8305	...		666	...
1600 Tobacco products	43017	...	1497	...		30669	...	689	...		2	...
171 Spinning, weaving and finishing of textiles	133683	...	123435	...		30391	...	34936	...		11113	...
1711 Textile fibre preparation; textile weaving	121653	...	115485	...		26847	...	32797	...		10906	...
1712 Finishing of textiles	12030	...	7951	...		3544	...	2139	...		208	...
172 Other textiles	41573	...	19698	...		12392	...	6924	...		490	...
1721 Made-up textile articles, except apparel	17286	...	...	...		4655	...	...	...		...	...
1722 Carpets and rugs	2866	...	...	...		645	...	...	...		...	...
1723 Cordage, rope, twine and netting	4301	...	...	...		1609	...	...	...		...	...
1729 Other textiles n.e.c.	17121	...	...	...		5484	...	...	...		...	...
1730 Knitted and crocheted fabrics and articles	8304	...	8686	...		3684	...	2403	...		161	...
1810 Wearing apparel, except fur apparel	78615	...	91360	...		23666	...	21418	...		4587	...
1820 Dressing & dyeing of fur; processing of fur	1108	...	68	...		274	...	37	...		...	...
191 Tanning, dressing and processing of leather	20737	...	25276	...		6935	...	6273	...		325	...
1911 Tanning and dressing of leather	12073	...	...	...		4805	...	...	...		...	...
1912 Luggage, handbags, etc.; saddlery & harness	8664	...	32880	...		2130	...	8007	...		321	...
1920 Footwear	27571	...	...	...		8817	...	...	...		...	...
2010 Sawmilling and planing of wood	16857	...	20460c/	...		5573	...	5496c/	...		288c/	...
202 Products of wood, cork, straw, etc.	29432	...	...	...		9410	...	...	...		...	...
2021 Veneer sheets, plywood, particle board, etc.	15250	...	...	...		4401	...	...	...		...	...
2022 Builders' carpentry and joinery	7439	...	...	...		2737	...	...	...		...	...
2023 Wooden containers	1059	...	...	...		458	...	...	...		...	...
2029 Other wood products; articles of cork/straw	5684	...	...	...		1815	...	...	...		...	...
210 Paper and paper products	164196	...	56424	...		32120	...	11701	...		567	...
2101 Pulp, paper and paperboard	98295	...	...	...		19213	...	...	...		...	...
2102 Corrugated paper and paperboard	53914	...	...	...		10648	...	...	...		...	...
2109 Other articles of paper and paperboard	11987	...	...	...		2259	...	...	...		...	...
221 Publishing of books and other publications	2580	...	9116d/	...		...	...	4490d/	...		107d/	...
2212 Publishing of newspapers, journals, etc.	13771	...	...	...		738	...	...	...		...	...
2213 Publishing of recorded media	...	...	...	...		5033	...	...	...		...	...
2219 Other publishing	1992	...	...	...		594	...	...	...		...	...

continued

Thailand

ISIC Industry	Output in producers' prices				Value added in producers' prices				Gross fixed capital formation	
	(million BAHT)				(million BAHT)				(million BAHT)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
222 Printing and related service activities		40346	...	...	...		23535	...	...	...
2221 Printing		38281	...	11907	...		22729	...	3724	...
2222 Service activities related to printing		2065	...	d/	...		806	...	d/	...
2230 Reproduction of recorded media		765	...	d/	...		183	...	d/	...
2310 Coke oven products		1880	...	2664	...		503	...	462	...
2320 Refined petroleum products		123860	...	...	...		32477	...	...	97
2330 Processing of nuclear fuel	
241 Basic chemicals		93679	...	110266	...		22745	...	14782	...
2411 Basic chemicals, except fertilizers		53444	...	...	...		19391	...	...	...
2412 Fertilizers and nitrogen compounds		3445	...	...	...		959	...	...	...
2413 Plastics in primary forms; synthetic rubber		36790	...	...	...		2395	...	...	...
242 Other chemicals		123860	...	54379	...		32171	...	12312	...
2421 Pesticides and other agro-chemical products		25526	...	...	...		1541	...	...	...
2422 Paints, varnishes, printing ink and mastics		29863	...	...	...		13797	...	...	...
2423 Pharmaceuticals, medicinal chemicals, etc.		26218	...	...	...		5897	...	...	...
2424 Soap, cleaning & cosmetic preparations		28817	...	...	...		6004	...	...	...
2429 Other chemical products n.e.c.		13436	...	...	...		4931	...	...	...
2430 Man-made fibres		11199	...	5529	...		3965	...	1248	...
251 Rubber products		139758	...	98990	...		36043	...	20333	...
2511 Rubber tyres and tubes		30309	...	...	...		11927	...	...	...
2519 Other rubber products		109448	...	77916	...		24116	...	23133	...
2520 Plastic products		93189	...	...	...		27039	...	...	5276
2610 Glass and glass products		18322	...	8143	...		7294	...	3054	...
269 Non-metallic mineral products n.e.c.		163882	...	197387	...		57724	...	52826	...
2691 Pottery, china and earthenware		14947	...	42861e/	...		5789	...	21166e/	...
2692 Refractory ceramic products		3020	...	e/	...		472	...	e/	...
2693 Struct-non-refractory Clay, ceramic products		6521	...	5223e/	...		3448	...	1371	...
2694 Cement, lime and plaster		50766	...	1493003	...		19653	...	e/	...
2695 Articles of concrete, cement and plaster		7845	...	...	...		23078	...	30289	...
2696 Cutting, shaping & finishing of stone		3917	...	e/	...		2432	...	e/	...
2699 Other non-metallic mineral products n.e.c.		6866	...	e/	...		2853	...	e/	...
2710 Basic iron and steel		69221	...	109252f/	...		11085	...	9967f/	...
2720 Basic precious and non-ferrous metals		7335	...	f/	...		1059	...	f/	...
273 Casting of metals		18121	...	f/	...		5678	...	f/	...
2731 Casting of iron and steel		9555	...	...	...		3397	...	...	...
2732 Casting of non-ferrous metals		8565	...	...	...		2281	...	...	...
281 Struct. metal products;tanks;steam generators		62169	...	27560	...		14739	...	6258	...
2811 Structural metal products		47085	...	22786	...		9536	...	4907	...
2812 Tanks, reservoirs and containers of metal		14437	...	4774g/	...		4969	...	1351g/	...
2813 Steam generators		647	...	g/	...		233	...	g/	...
289 Other metal products; metal working services		97150	...	83728	...		20469	...	14858	...
2891 Metal forging/pressing/stamping/roll-forming		35435	...	10166	...		4369	...	3364	...
2892 Treatment & coating of metals		12734	...	10630h/	...		4003	...	1736h/	...
2893 Cutlery, hand tools and general hardware		3491	...	h/	...		1411	...	h/	...
2899 Other fabricated metal products n.e.c.		45490	...	62932	...		10685	...	9759	...
291 General purpose machinery		71411	...	43445i/	...		18495	...	9233i/	...
2911 Engines & turbines(not for transport equip.)		1165	...	i/	...		163	...	i/	...
2912 Pumps, compressors,taps and valves		3467	...	...	...		853	...	...	...
2913 Bearings, gears, gearing & driving elements		12177	...	i/	...		4527	...	i/	...
2914 Ovens, furnaces and furnace burners		204	...	i/	...		149	...	i/	...
2915 Lifting and handling equipment		7917	...	i/	...		1454	...	i/	...
2919 Other general purpose machinery		46482	...	92486J/	...		11449	...	25744J/	...

Thailand

ISIC Industry		Index numbers of industrial production (1990=100)											
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
ISIC Industry		79	91	100	110	121	130	139	151	163	146	164	
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	79	91	100	110	121	130	139	151	163	146	164	

Note

THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA

<p>Supplier of information: State Statistical Office, Skopje.</p> <p>Basic source of data: Annual report on industrial activity.</p> <p>Major deviations from ISIC (Revision 3): The data were originally classified according to NACE (Revision 1), and are not fully compatible with ISIC (Rev.3).</p> <p>Reference period (if not calendar year):</p> <p>Scope: Not reported.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <u>Wages and salaries</u> is compensation of employees.</p> <p>Related national publications:</p>
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The former Yugoslav Republic of Macedonia

ISIC Industry	Number of establishments			Number of employees			Wages and salaries paid to employees (million NEW DENARS)					
	Note	(numbers)			Note	(numbers)			Note			
		1996	1997	1998		1999	1996	1997		1998	1999	
15 Food and beverages		23719a/	24278a/	25850a/	...	8119a/	9003a/	8687a/
16 Tobacco products	a/	...a/	...a/	...	...a/	...a/	...a/
17 Textiles		35028b/	42644b/	42139b/	...	4908b/	6090b/	5844b/
18 Wearing apparel, fur	b/	...b/	...b/	...	...b/	...b/	...b/
19 Leather, leather products and footwear		6517	6925	7064	...	952	944	1101
20 Wood products (excl. furniture)		2148	2439	2827	...	231	249	337
21 Paper and paper products		7376c/	7601c/	7683c/	...	1780c/	1926c/	1941c/
22 Printing and publishing	c/	...c/	...c/	...	...c/	...c/	...c/
23 Coke, refined petroleum products, nuclear fuel		1270	1255	1272	...	352	367	384
24 Chemicals and chemical products		8679	7646	7762	...	2244	2202	2032
25 Rubber and plastics products		2092	2474	2404	...	484	566	559
26 Non-metallic mineral products		9655	9273	9249	...	2456	2678	3037
27 Basic metals		17229d/	17714d/	17760d/	...	3646d/	4082d/	4118d/
28 Fabricated metal products	d/	...d/	...d/	...	...d/	...d/	...d/
29 Machinery and equipment n.e.c.		3436	2842	3175	...	577	509	680
30 Office, accounting and computing machinery		7969e/	8317e/	8323e/	...	1581e/	1664e/	1751e/
31 Electrical machinery and apparatus	e/	...e/	...e/	...	...e/	...e/	...e/
32 Radio, television and communication equipment	e/	...e/	...e/	...	...e/	...e/	...e/
33 Medical, precision and optical instruments	e/	...e/	...e/	...	...e/	...e/	...e/
34 Motor vehicles, trailers, semi-trailers		4476f/	4661f/	4577f/	...	800f/	930f/	890f/
35 Other transport equipment	f/	...f/	...f/	...	...f/	...f/	...f/
36 Furniture; manufacturing n.e.c.		3252	4023	4010	...	486	520	581
37 Recycling	
D Total manufacturing		132846	142092	144096	...	28616	31729	31942

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

The former Yugoslav Republic of Macedonia

ISIC Industry	Output (million NEW DENARS)			Value added (million NEW DENARS)			Gross fixed capital formation (million NEW DENARS)			
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
15 Food and beverages		33028a/	33557a/	38313a/	12111a/		11082a/	12751a/	12751a/	...
16 Tobacco products		...a/	...a/	...a/	...a/		...a/	...a/	...a/	...
17 Textiles		10902b/	13051b/	11884b/	5116b/		6205b/	5714b/	5714b/	...
18 Wearing apparel, fur		...b/	...b/	...b/	...b/		...b/	...b/	...b/	...
19 Leather, leather products and footwear		2966	2860	1598	806		1013	294	294	...
20 Wood products (excl. furniture)		1379	1075	1289	408		363	390	390	...
21 Paper and paper products		5211c/	5529c/	5529c/	2270c/		2235c/	2270c/	2270c/	...
22 Printing and publishing		...c/	...c/	...c/	...c/		...c/	...c/	...c/	...
23 Coke, refined petroleum products, nuclear fuel		4122	4902	5657	536		778	965	965	...
24 Chemicals and chemical products		9419	8950	7724	2940		2914	2599	2599	...
25 Rubber and plastics products		1167	1387	1579	506		575	710	710	...
26 Non-metallic mineral products		5336	5635	6448	2989		3124	3579	3579	...
27 Basic metals		18937d/	21243d/	15917d/	3713d/		3276d/	3443d/	3443d/	...
28 Fabricated metal products		...d/	...d/	...d/	...d/		...d/	...d/	...d/	...
29 Machinery and equipment n.e.c.		1413	1271	1644	604		390	597	597	...
30 Office, accounting and computing machinery		7529e/	8349e/	8363e/	1954e/		2011e/	2097e/	2097e/	...
31 Electrical machinery and apparatus		...e/	...e/	...e/	...e/		...e/	...e/	...e/	...
32 Radio, television and communication equipment		...e/	...e/	...e/	...e/		...e/	...e/	...e/	...
33 Medical, precision and optical instruments		...e/	...e/	...e/	...e/		...e/	...e/	...e/	...
34 Motor vehicles, trailers, semi-trailers		1913f/	2226f/	2003f/	754f/		742f/	696f/	696f/	...
35 Other transport equipment		...f/	...f/	...f/	...f/		...f/	...f/	...f/	...
36 Furniture, manufacturing n.e.c.		1354	1695	2017	371		493	660	660	...
37 Recycling	
D Total manufacturing		104676	111730	109966	35079		35202	36764	36764	...

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

TRINIDAD AND TOBAGO

<p>Supplier of information: Central Statistical Office, Port-of-Spain.</p> <p>Basic source of data: Annual survey of establishments.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year): 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>Scope: Not reported.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <u>Number of establishments</u> refers to both producing and distributing units. <u>Number of employees</u> is as of the last week in November of the reference year. <u>Wages and salaries</u> includes employers' contributions to pension funds.</p> <p>Related national publications:</p>
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Trinidad and Tobago

ISIC Revision 3

ISIC Industry	Output (thousand DOLLARS)				Note	Value added (thousand DOLLARS)				Note	Gross fixed capital formation (thousand DOLLARS)	
	1995	1996	1997	1998		1995	1996	1997	1998		1997	1998
	ISIC Industry	Note										
151 Processed meat, fish, fruit, vegetables, fats	1077969	195684	195684	195684	287988	30336	30336	30336	16766	16766	16766	16766
1511 Processing/preserving of meat	51430	51430	51430	51430	15574	15574	15574	15574	1616	1616	1616	1616
1512 Processing/preserving of fish	171787	171787	171787	171787	54135	54135	54135	54135	765	765	765	765
1513 Processing/preserving of fruit & vegetables	659169	659169	659169	659169	187943	187943	187943	187943	9451	9451	9451	9451
1514 Vegetable and animal oils and fats	366155	366155	366155	366155	149766	149766	149766	149766	16237	16237	16237	16237
1520 Dairy products	465870	465870	465870	465870	91454	91454	91454	91454	20250	20250	20250	20250
153 Grain mill products; starches; animal feeds	339562	339562	339562	339562	63697	63697	63697	63697	984	984	984	984
1531 Grain mill products	268144	268144	268144	268144	90253	90253	90253	90253	311	311	311	311
1532 Starches and starch products	444079	444079	444079	444079	6938	6938	6938	6938	21308	21308	21308	21308
1533 Prepared animal feeds	270922	270922	270922	270922	78652	78652	78652	78652	4336	4336	4336	4336
154 Other food products	417100	417100	417100	417100	142938	142938	142938	142938	208983	208983	208983	208983
1541 Bakery products	294560	294560	294560	294560	264939	264939	264939	264939	18842	18842	18842	18842
1542 Sugar	460214	460214	460214	460214	71648	71648	71648	71648	38037	38037	38037	38037
1543 Cocoa, chocolate and sugar confectionery	332733	332733	332733	332733	203840	203840	203840	203840	11983	11983	11983	11983
1544 Macaroni, noodles & similar products	17662	17662	17662	17662	4609	4609	4609	4609	227	227	227	227
1549 Other food products n.e.c.	172	172	172	172	172	172	172	172	172	172	172	172
155 Beverages	8104	8104	8104	8104	3693	3693	3693	3693	271	271	271	271
1551 Distilling, rectifying & blending of spirits	11515	11515	11515	11515	4550	4550	4550	4550	105	105	105	105
1552 Wines	118848	118848	118848	118848	50449	50449	50449	50449	478	478	478	478
1553 Malt liquors and malt	13447	13447	13447	13447	3687	3687	3687	3687	13	13	13	13
1554 Soft drinks; mineral waters	48942	48942	48942	48942	17448	17448	17448	17448	1157	1157	1157	1157
1600 Tobacco products	78557	78557	78557	78557	34325	34325	34325	34325	1784	1784	1784	1784
171 Spinning, weaving and finishing of textiles	107409	107409	107409	107409	33265	33265	33265	33265	1083	1083	1083	1083
1711 Textile fibre preparation; textile weaving	504960	504960	504960	504960	129403	129403	129403	129403	34526	34526	34526	34526
1712 Finishing of textiles	181916	181916	181916	181916	64852	64852	64852	64852	6919	6919	6919	6919
172 Other textiles	172	172	172	172	172	172	172	172	172	172	172	172
1721 Made-up textile articles, except apparel	8104	8104	8104	8104	3693	3693	3693	3693	271	271	271	271
1722 Carpets and rugs	11515	11515	11515	11515	4550	4550	4550	4550	105	105	105	105
1723 Cordage, rope, twine and netting	118848	118848	118848	118848	50449	50449	50449	50449	478	478	478	478
1729 Other textiles n.e.c.	13447	13447	13447	13447	3687	3687	3687	3687	13	13	13	13
1730 Knitted and crocheted fabrics and articles	48942	48942	48942	48942	17448	17448	17448	17448	1157	1157	1157	1157
1810 Wearing apparel, except fur apparel	78557	78557	78557	78557	34325	34325	34325	34325	1784	1784	1784	1784
1820 Dressing & dyeing of fur; processing of fur	107409	107409	107409	107409	33265	33265	33265	33265	1083	1083	1083	1083
191 Tanning, dressing and processing of leather	504960	504960	504960	504960	129403	129403	129403	129403	34526	34526	34526	34526
1911 Tanning and dressing of leather	181916	181916	181916	181916	64852	64852	64852	64852	6919	6919	6919	6919
1912 Luggage, handbags, etc.; saddlery & harness	172	172	172	172	172	172	172	172	172	172	172	172
1920 Footwear	8104	8104	8104	8104	3693	3693	3693	3693	271	271	271	271
2010 Sawmilling and planing of wood	11515	11515	11515	11515	4550	4550	4550	4550	105	105	105	105
202 Products of wood, cork, straw, etc.	118848	118848	118848	118848	50449	50449	50449	50449	478	478	478	478
2021 Veneer sheets, plywood, particle board, etc.	13447	13447	13447	13447	3687	3687	3687	3687	13	13	13	13
2022 Builders' carpentry and joinery	48942	48942	48942	48942	17448	17448	17448	17448	1157	1157	1157	1157
2023 Wooden containers	78557	78557	78557	78557	34325	34325	34325	34325	1784	1784	1784	1784
2029 Other wood products; articles of cork/straw	107409	107409	107409	107409	33265	33265	33265	33265	1083	1083	1083	1083
210 Paper and paper products	504960	504960	504960	504960	129403	129403	129403	129403	34526	34526	34526	34526
2101 Pulp, paper and paperboard	181916	181916	181916	181916	64852	64852	64852	64852	6919	6919	6919	6919
2102 Corrugated paper and paperboard	172	172	172	172	172	172	172	172	172	172	172	172
2109 Other articles of paper and paperboard	8104	8104	8104	8104	3693	3693	3693	3693	271	271	271	271
221 Publishing of books and other publications	11515	11515	11515	11515	4550	4550	4550	4550	105	105	105	105
2211 Publishing of newspapers, journals, etc.	118848	118848	118848	118848	50449	50449	50449	50449	478	478	478	478
2212 Publishing of newspapers, journals, etc.	13447	13447	13447	13447	3687	3687	3687	3687	13	13	13	13
2213 Publishing of recorded media	48942	48942	48942	48942	17448	17448	17448	17448	1157	1157	1157	1157
2219 Other publishing	78557	78557	78557	78557	34325	34325	34325	34325	1784	1784	1784	1784

continued

Trinidad and Tobago

ISIC Industry		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
15	Food and beverages
16	Tobacco products	126	101	100	101	95	88	96	116	145	176	204	283	
17	Textiles	70	78	100	91	93	52	51	52	80	123	283	...	
18	Wearing apparel, fur	...	...	...	...	...	...	...	...	...	...	...	...
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	60	76	100	59	69	66	67	90	98	94	101	...	
21	Paper and paper products	99	82	100	93	89	118	137	107	86	99	98	...	
22	Printing and publishing	106	104	100	111	120	115	125	132	159	203	212	...	
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	95	96	100	126	156	179	199	211	196	222	261	...	
29	Machinery and equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
30	Office, accounting and computing machinery	...	...	...	...	...	...	...	...	...	...	...	...
31	Electrical machinery and apparatus	96	81	100	131	132	117	156	219	190	306	283	...	
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	157	118	100	163	134	81	30	22	29	27	27	...	
35	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	...	...	...	...	...	...	...	...	...	...	...	...

a/ 31 includes 32.

b/ 34 includes 35.

TUNISIA

<p>Supplier of information: Institut national de la statistique, Ministère du développement économique, Tunis.</p> <p>Basic source of data: Not reported.</p> <p>Major deviations from ISIC (Revision 2): 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>Reference period (if not calendar year):</p> <p>Scope: 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>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: <u>Wages and salaries, output, value added and gross fixed capital formation</u> were derived from national accounts data.</p> <p>Related national publications:</p>
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Tunisia

ISIC Industry	Number of establishments a/				Number of employees a/				Wages and salaries paid to employees					
	(numbers)				(numbers)				(million DINARS)					
	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999		
ISIC Industry	Note				Note				Note					
311/2 Food products	2782	2387	2570	2661		34676	35194	34280	33889		172.4	194.8	200.6	230.6
3111 Slaughtering, preparing & preserving meat	18	14	17	18		764	554	602	700		13.8	15.0	16.5	18.9
3112 Dairy products	36	40	39	41		3613	3947	3793	3750	b/	24.4	26.6	28.7	33.0
3113 Canning, preserving of fruits & vegetables	64	65	64	66		2868	2814	2825	2797	b/	11.4	11.6	12.8	14.7
3114 Canning, preserving and processing of fish	35	37	32	35		1275	1245	1530	1684	c/	12.9	17.9	17.4	20.0
3115 Vegetable and animal oils and fats	412	328	387	381		4720	3127	4100	3990	c/	81.4	93.9	94.1	108.3
3116 Grain mill products	131	107	121	123		4319	4238	3939	3850	d/	14.8	15.3	17.0	19.5
3117 Bakery products	1942	1657	1772	1858		12264	13201	12783	12630	d/	13.7	14.5	14.1	16.2
3118 Sugar factories and refineries	3	3	3	3		1019	995	1001	1000	e/	...	...	...	...
3119 Cocoa, chocolate and sugar confectionery	28	27	26	27		1097	1137	1097	989	e/	...	...	...	...
3121 Other food products	44	43	64	43		1547	1893	1320	1300	e/	...	...	...	...
3122 Prepared animal feeds	69	66	64	66		1200	1346	1290	1199	e/	...	...	...	...
313 Beverages	52	48	50	50		3541	3724	3801	3709		29.4	31.8	32.5	37.4
3131 Distilling, rectifying and blending spirits	6	6	6	6		89	151	252	204		...	...	...	...
3132 Wine industries	16	14	15	15		850	926	939	923		...	...	...	...
3133 Malt liquors and malt	1	1	1	1		842	847	820	883		...	...	...	...
3134 Soft drinks and carbonated waters	29	27	28	28		1760	1800	1790	1699		...	...	...	...
314 Tobacco	9	7	7	7		2510	2630	3554	3631		20.6	24.3	24.3	28.0
321 Textiles	625	611	630	598		18519	17935	17860	16990	f/	157.6	164.5	163.1	177.1
3211 Spinning, weaving and finishing textiles	158	179	178	162		8187	7596	8006	7750	f/	88.4	88.5	89.7	97.4
3212 Made-up textile goods excl. wearing apparel	98	103	99	99		2085	2489	2301	2129		...	...	...	...
3213 Knitting mills	173	146	163	159		3079	2721	2803	2690		56.4	62.9	60.4	65.6
3214 Carpets and rugs	71	68	70	70		981	967	945	903		12.8	13.1	13.0	14.1
3215 Cordage, rope and twine	40	40	42	38		2759	2718	2605	2598	g/	...	...	...	...
3219 Other textiles	75	75	78	70		1428	1444	1200	920		...	...	...	...
322 Wearing apparel, except footwear	2021	1817	1923	1750		102655	102923	103101	102998		346.3	380.8	413.0	448.4
323 Leather and fur products	110	133	114	132		3430	3370	3216	3317	h/	55.3	63.3	66.9	72.6
3231 Tanneries and leather finishing	32	30	25	32		982	79	901	940		...	...	...	...
3232 Fur dressing and dyeing industries	2	2	2	2		79	60	60	80		...	...	...	...
3233 Leather prods. excl. wearing apparel	76	101	87	98		2369	2444	2255	2297		...	...	...	...
324 Footwear, except rubber or plastic	400	318	328	363		9047	9516	9623	9504	h/	...	...	...	...
331 Wood products, except furniture	166	162	159	164		1977	2060	1999	2008	i/	58.2	61.9	70.0	75.1
3311 Sawmills, planing and other wood mills	107	111	109	114		1033	1081	946	1001		...	...	...	...
3312 Wooden and cane containers	10	6	7	6		262	160	153	127		...	...	...	...
3319 Other wood and cork products	49	45	43	44		682	819	900	880		...	...	...	...
332 Furniture and fixtures, excl. metal	1983	1818	1891	1914		9639	8059	8193	8104	i/	...	...	...	...
341 Paper and products	106	97	93	101		4740	5201	5307	5229	j/	40.8	43.7	45.8	49.1
3411 Pulp, paper and paperboard articles	71	67	61	66		3510	3795	3887	3556		...	...	...	...
3412 Containers of paper and paperboard	24	20	23	24		1138	1323	1330	1270		...	...	...	...
3419 Other pulp, paper and paperboard articles	11	10	9	11		92	83	90	93		...	...	...	...
342 Printing and publishing	309	205	242	255		4441	3148	4193	4139	j/	...	...	...	...
351 Industrial chemicals	50	63	58	57		5021	6037	5920	6020		55.2	57.9	59.0	63.9
3511 Basic chemicals excl. fertilizers	22	39	36	33		1386	1292	1329	1293		8.6	10.7	10.7	11.6
3512 Fertilizers and pesticides	14	13	12	13		3213	4344	4219	4301		46.6	48.9	48.3	52.3
3513 Synthetic resins and plastic materials	14	11	10	11		422	348	409	390		...	...	...	...
352 Other chemicals	246	216	201	204		6266	5383	5106	5208	k/	50.2	52.6	60.1	65.0
3521 Paints, varnishes and lacquers	34	35	32	33		843	786	880	890		38.5	40.3	44.6	48.3
3522 Drugs and medicines	28	23	24	23		1177	1323	1396	1390		11.7	12.3	15.5	16.7
3523 Soap, cleaning preps., perfumes, cosmetics	153	137	121	122		3357	2802	2321	2417	k/	...	...	...	...
3529 Other chemical products	31	21	24	26		889	472	509	511	k/	...	...	...	...
353 Petroleum refineries	1	1	1	1		767	763	917	898	m/	6.5	6.6	7.0	7.5

354 Misc. petroleum and coal products	3	3	3	3	3	48	209	169	175	m/	...	...	...	...
355 Rubber products	133	132	144	143	143	2505	2512	3439	3310		17.4	19.4	18.5	20.1
3551 Tyres and tubes	103	100	114	113	113	1234	1191	2149	2230		...	...	...	...
3559 Other rubber products	30	32	30	30	30	1271	1321	1290	1080		...	...	...	...
356 Plastic products	197	198	186	193	193	6725	7672	7320	7501	n/	16.7	18.3	18.0	19.3
361 Pottery, china, earthenware	160	144	153	156	156	4331	3899	4207	3998		50.9	55.2	58.3	64.0
362 Glass and products	42	42	39	40	40	1258	1266	1585	1470		9.6	10.4	11.0	12.1
369 Other non-metallic mineral products	378	333	330	335	335	16351	16344	17901	17800		62.6	61.4	63.6	69.8
3691 Structural clay products	142	139	134	136	136	6437	7038	7190	7085		...	...	...	...
3692 Cement, lime and plaster	24	17	18	19	19	4112	3946	5211	5377		62.6	61.4	63.6	69.8
3699 Other non-metallic mineral products	212	177	178	180	180	5802	5360	5500	5338	p/	...	...	...	...
371 Iron and steel	8	7	7	7	7	2789	2549	2431	2550		41.5	43.5	45.8	49.9
372 Non-ferrous metals	120	98	101	100	100	5670	4741	5888	5290	q/	56.0	63.8	65.5	71.3
381 Fabricated metal products	564	508	553	549	549	10640	9315	9100	9050	q/	...	...	...	...
3811 Cutlery, hand tools and general hardware	120	111	121	126	126	2846	2419	2219	2190		...	...	...	...
3812 Furniture and fixtures primarily of metal	27	18	23	23	23	1096	931	890	870		...	...	...	...
3813 Structural metal products	159	156	164	159	159	2617	2991	2801	2790		...	...	...	...
3819 Other fabricated metal products	258	223	245	241	241	4091	2974	3190	3200		...	...	...	...
382 Non-electrical machinery	887	851	873	881	881	5615	7064	6900	7009		14.3	15.8	16.3	17.8
3821 Engines and turbines	34	35	32	31	31	244	242	250	250		...	...	...	...
3822 Agricultural machinery and equipment	13	12	21	22	22	568	580	538	560		...	...	...	...
3823 Metal and wood working machinery	768	740	747	750	750	3581	4959	4921	4919		...	...	...	...
3824 Other special industrial machinery	72	64	73	78	78	1222	1283	1201	1280		...	...	...	...
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-		...	...	...	...
3829 Other non-electrical machinery & equipment	-	-	-	-	-	-	-	-	-		...	...	...	...
383 Electrical machinery	267	240	255	252	252	12309	14021	14329	14180	r/	64.5	71.5	83.3	90.8
3831 Electrical industrial machinery	97	86	93	90	90	2882	2909	2523	2500	s/	32.5	32.9	40.3	43.9
3832 Radio, television and communication equipm.	33	26	31	30	30	1882	1931	1903	1810		22.2	28.4	32.4	35.3
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-		9.8	10.4	10.6	11.6
3839 Other electrical apparatus and supplies	137	128	131	132	132	7738	9181	9903	9880	r/	...	...	...	...
384 Transport equipment	727	656	648	654	654	8462	9116	8214	9101	t/	43.4	46.2	47.4	51.7
3841 Shipbuilding and repairing	59	50	50	51	51	1488	1054	1309	1412		12.5	13.2	13.7	15.0
3842 Railroad equipment	1	1	1	1	1	438	421	450	500	t/	...	...	...	...
3843 Motor vehicles	622	565	554	558	558	6288	7478	6123	6887	u/	30.9	33.0	33.7	36.7
3844 Motorcycles and bicycles	44	38	42	43	43	246	161	330	300	u/	...	...	...	...
3845 Aircraft	-	-	-	-	-	-	-	-	-	t/	...	...	...	...
3849 Other transport equipment	1	1	1	1	1	2	2	2	2	u/	...	...	...	...
385 Professional and scientific equipment	104	92	93	90	90	791	974	895	909		...	...	...	...
3851 Prof. and scientific equipment n.e.c.	85	76	80	76	76	531	777	643	649	s/	...	...	...	...
3852 Photographic and optical goods	6	8	6	8	8	230	181	220	225	g/	...	...	...	...
3853 Watches and clocks	13	8	7	8	8	30	16	32	35	g/	...	...	...	...
390 Other manufacturing industries	217	185	195	198	198	2674	2637	2630	2606	g/	18.2	19.2	18.8	20.1
3901 Jewellery and related articles	70	59	73	73	73	448	563	489	450		...	...	...	...
3902 Musical instruments	15	15	13	15	15	208	197	211	201		...	...	...	...
3903 Sporting and athletic goods	32	29	30	31	31	859	687	720	755		...	...	...	...
3909 Manufacturing industries, n.e.c.	100	82	82	79	79	1159	1190	1210	1200		...	...	...	...
3 Total manufacturing	12657	11372	11847	11858	11858	287397	286262	292078	290603		1387.6	1506.9	1588.8	1741.6

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.
n/ 355 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 Industry	Output in producers' prices (million DINARS)				Value added in producers' prices (million DINARS)				Gross fixed capital formation (million DINARS)			
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999		
ISIC Industry												
311/2 Food products		2769.8	3408.7	3369.8	3874.0		471.5	563.9	555.7	634.9	186.2	184.7
3111 Slaughtering, preparing & preserving meat		677.3	743.3	837.9	913.9		73.2	80.4	89.2	97.2	4.2	7.1
3112 Dairy products		253.8	300.5	339.8	365.7	a/	38.2	41.6	43.1	46.7	49.6	44.5
3113 Canning, preserving of fruits & vegetables		254.8	254.3	279.1	325.5	a/	38.6	38.0	40.6	49.5	21.0	20.5
3114 Canning, preserving and processing of fish		246.3	619.5	266.7	470.8	b/	35.9	89.2	37.8	66.7	20.7	28.0
3115 Vegetable and animal oils and fats		759.0	873.6	946.2	1011.2	b/	179.0	202.3	217.2	231.3	55.7	34.0
3116 Grain mill products		168.0	185.2	205.1	218.3	c/	40.4	43.8	48.4	51.6	24.4	22.9
3117 Bakery products		410.6	432.3	495.0	568.6	d/	66.2	68.6	79.4	91.9	10.4	27.7
3118 Sugar factories and refineries		299.2	367.9	414.1	484.4		98.0	113.2	122.1	141.8	21.2	16.2
3119 Cocoa, chocolate and sugar confectionery												
3121 Other food products												
3122 Prepared animal feeds												
313 Beverages												
3131 Distilling, rectifying and blending spirits												
3132 Wine industries												
3133 Malt liquors and malt												
3134 Soft drinks and carbonated waters												
314 Tobacco												
321 Textiles		1097.9	1134.7	1220.0	1254.1	e/	377.7	390.9	421.9	435.3	54.6	56.2
3211 Spinning, weaving and finishing textiles		709.2	708.4	737.0	753.4	e/	212.8	211.9	219.5	224.7	35.9	37.1
3212 Made-up textile goods excl. wearing apparel		302.4	337.7	380.0	388.3		118.0	131.6	147.9	151.1	15.6	15.9
3213 Knitting mills		86.3	88.6	103.0	112.4	f/	46.9	47.4	54.5	59.5	3.1	3.2
3214 Carpets and rugs												
3215 Cordage, rope and twine												
3219 Other textiles												
322 Wearing apparel, except footwear		2406.6	2646.9	2982.1	3047.1		686.7	748.3	843.3	861.7	115.5	119.6
323 Leather and fur products												
3231 Tanneries and leather finishing		537.9	618.6	666.0	692.5	g/	187.6	215.2	229.3	238.4	38.1	39.4
3232 Fur dressing and dyeing industries												
3233 Leather prods. excl. wearing apparel												
324 Footwear, except rubber or plastic												
331 Wood products, except furniture		569.3	620.7	712.5	776.1	h/	229.5	250.2	284.4	309.8	15.8	16.3
3311 Sawmills, planing and other wood mills												
3312 Wooden and cane containers												
3319 Other wood and cork products												
332 Furniture and fixtures, excl. metal												
341 Paper and products		392.2	403.7	430.6	465.9	i/	113.5	117.1	124.3	134.5	34.5	35.5
3411 Pulp, paper and paperboard articles												
3412 Containers of paper and paperboard												
3419 Other pulp, paper and paperboard articles												
342 Printing and publishing												
351 Industrial chemicals		1403.0	1451.6	1584.5	1656.4		198.0	233.9	248.8	249.4	47.3	41.7
3511 Basic chemicals excl. fertilizers		71.8	78.2	90.6	76.6		20.3	23.6	29.9	19.4	5.5	4.8
3512 Fertilizers and pesticides		1331.2	1373.4	1493.9	1579.8		177.7	210.3	218.9	230.0	41.8	36.9
3513 Synthetic resins and plastic materials												
352 Other chemicals		529.8	588.0	602.9	643.5		170.2	191.6	194.4	208.1	29.3	25.8
3521 Paints, varnishes and lacquers		434.9	468.3	475.8	500.0	j/	131.5	143.1	145.4	152.8	15.6	13.7
3522 Drugs and medicines		94.9	119.7	127.1	143.5	j/	38.7	48.5	49.0	55.3	13.7	12.1
3523 Soap, cleaning preps., perfumes, cosmetics						j/						
3529 Other chemical products						j/						
353 Petroleum refineries		541.3	609.0	548.0	668.8	k/	241.9	254.6	224.8	293.5	35.0	44.0

Tunisia

ISIC Industry		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
311/2	Food products	...	...	100	109	117	114	120	118	123	138	139	151
313	Beverages	...	...	100	114	113	100	103	106	104	112	126	150
314	Tobacco	...	...	...	...	...	...	...	...	...	...	...	...
321	Textiles	105	105	100	102	108	122	131	150	141	144	158	163	
322	Wearing apparel, except footwear	...	...	100	110	123	135	149	156	160	167	181	184
323	Leather and fur products	...	...	100	108	117	137	167	179	190	213	227	239
324	Footwear, except rubber or plastic	...	...	...	...	...	...	...	...	...	...	...	...
331	Wood products, except furniture	...	...	100	94	97	101	110	113	94	125	141	153
332	Furniture and fixtures, excl. metal	...	...	...	...	...	...	...	...	...	...	...	...
341	Paper and products	92	85	100	100	101	99	101	107	98	100	100	102	
342	Printing and publishing	...	...	100	107	102	102	106	113	110	116	123	143
351	Industrial chemicals	92	97	100	107	114	113	128	136	143	146	157	160	
352	Other chemicals	...	...	...	...	...	...	...	...	...	...	...	...
353	Petroleum refineries	93	94	100	98	97	95	99	109	108	113	110	109	
354	Misc. petroleum and coal products	...	...	100	100	101	113	121	124	134	139	167	170
355	Rubber products	...	...	...	...	...	...	...	...	...	...	...	...
356	Plastic products	...	...	...	...	...	...	...	...	...	...	...	...
361	Pottery, china, earthenware	...	...	100	104	103	111	112	116	113	114	122	126
362	Glass and products	...	...	...	...	...	...	...	...	...	...	...	...
369	Other non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
371	Iron and steel	99	97	100	103	98	99	97	96	97	101	97	115	
372	Non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
381	Fabricated metal products	92	89	100	100	98	97	106	102	103	98	114	118	
382	Non-electrical machinery	105	89	100	144	157	150	166	168	155	143	119	175	
383	Electrical machinery	73	81	100	108	119	110	119	117	125	159	186	192	
384	Transport equipment	72	78	100	101	106	115	119	107	115	117	116	142	
385	Professional and scientific equipment	...	...	100	93	98	102	98	103	124	119	129	131
390	Other manufacturing industries	...	...	100	110	113	123	127	119	134	114	115	116
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.

TURKMENISTAN

<p>Supplier of information: National Institute of Statistics, Ashgabat.</p> <p>Basic source of data: Not reported.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Not reported.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications:</p>
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Turkmenistan

ISIC Industry	Number of establishments (numbers)				Number of persons engaged (numbers)				Wages and salaries paid to employees (million MANAT)						
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999		1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		120	118	122	103		5744	4846	4389	3532		...	...	...	...
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		27	27	22	20		1238	1168	932	935		...	...	...	...
153 Grain mill products		71	60	75	65		2860	2810	3432	3763		...	...	...	...
1531 Grain mill products	
1532 Starches and starch products	
1533 Prepared animal feeds	
154 Other food products		248	258	260	270		6364	5476	5387	4790		...	...	...	...
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		60	61	59	52		2583	2497	2681	1900		...	...	...	...
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		54	54	57	55		16894	16474	17365	17891		...	...	...	...
1711 Textile fibre preparation; textile weaving	
1712 Finishing of textiles	
172 Other textiles		62	54	48	58		12453	11710	6026	10357		...	...	...	...
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		125	120	100	87		4405	3789	2972	2100		...	...	...	...
1820 Dressing & dyeing of fur; processing of fur		3	3	3	1		107	117	93	86		...	...	...	...
191 Tanning, dressing and processing of leather	
1911 Tanning and dressing of leather	
1912 Luggage, handbags, etc.; saddlery & harness	
1920 Footwear	
2010 Sawmilling and planing of wood		3	4	3	2		228	185	138	16		...	...	...	...
202 Products of wood, cork, straw, etc.		16	13	8	8		221	183	155	113		...	...	...	...
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	
2101 Pulp, paper and paperboard	
2102 Corrugated paper and paperboard	
2109 Other articles of paper and paperboard	
221 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	10	10	11	11	884	840	787	807	...
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	...	...	...	...	...	...	...	...	...
242 Plastics in primary forms; Synthetic rubber	...	...	...	...	...	...	...	...	...
2421 Plastics	...	...	...	...	...	...	...	...	...
2422 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	212	213	193	209	14221	12132	10699	10740	...
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	...	...	...	...	...	...	...	...	...
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.metall products;tanks;steam generators	15	16	16	11	1195	1139	897	737	...
2811 Structural metal products	...	...	...	...	...	...	...	...	...
2812 Tanks, reservoirs and containers of metal	...	...	...	...	...	...	...	...	...
2813 Steam generators	...	...	...	...	...	...	...	...	...
289 Other metal products: metal working services	19	15	15	12	574	453	439	331	...
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	23	22	21	22	1593	1270	1067	1106	...
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	328	185	86	71	8242	5630	3786	3891	...
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.	...	...	...	...	...	...	...	...	...

cont inued

ISIC Industry	Output (million MANAT)				Value added (million MANAT)				Gross fixed capital formation (million MANAT)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats		53651	85378	163247	226725		...	...	...	...
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		9609	24673	15285	31157		...	...	...	...
153 Grain mill products; starches; animal feeds		87575	198775	311055	430808		...	...	...	...
1531 Grain mill products		...	...	...	...		...	...	...	...
1532 Starches and starch products		...	...	...	...		...	...	...	...
1533 Prepared animal feeds		...	...	...	...		...	...	...	...
154 Other food products		91774	174402	186925	258544		...	...	...	...
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		31698	75554	88870	196141		...	...	...	...
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		617765	940211	1072489	1660625		...	...	...	...
1711 Textile fibre preparation; textile weaving		...	...	...	...		...	...	...	...
1712 Finishing of textiles		...	...	...	...		...	...	...	...
172 Other textiles		25342	50541	53018	68290		...	...	...	...
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		20566	32138	30569	24884		...	...	...	...
1820 Dressing & dyeing of fur; processing of fur		2193	3740	2530	494		...	...	...	...
191 Tanning, dressing and processing of leather		...	...	...	...		...	...	...	...
1911 Tanning and dressing of leather		...	...	...	...		...	...	...	...
1912 Luggage, handbags, etc.; saddlery & harness		...	...	...	...		...	...	...	...
1920 Footwear		...	...	...	...		...	...	...	...
2010 Sawmilling and planing of wood		3965	3587	2760	10		...	...	...	...
202 Products of wood, cork, straw, etc.		1747	4338	3258	3231		...	...	...	...
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		...	...	...	...		...	...	...	...
2101 Pulp, paper and paperboard		...	...	...	...		...	...	...	...
2102 Corrugated paper and paperboard		...	...	...	...		...	...	...	...
2109 Other articles of paper and paperboard		...	...	...	...		...	...	...	...
221 Publishing of books and other publications		...	...	...	...		...	...	...	...
2211 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...
2212 Publishing of newspapers, journals, etc.		...	...	...	...		...	...	...	...
2213 Publishing of recorded media		...	...	...	...		...	...	...	...
2219 Other publishing		...	...	...	...		...	...	...	...

continued

Turkmenistan

ISIC Industry	Output (million MANAT)				Value added (million MANAT)				Gross fixed capital formation (million MANAT)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
		1996	1997	1998	1999		1996	1997	1998	1999
ISIC Revision 3										
ISIC Industry	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
222 Printing and related service activities		2947	7966	9233	11401		..	..	..	..
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		..	..	..	..		..	..	..	..
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		136535	250081	301147	311317		..	..	..	..
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		..	..	..	..		..	..	..	..
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		8874	13816	15664	25751		..	..	..	..
2811 Structural metal products		..	..	..	..		..	..	..	..
2812 Tanks, reservoirs and containers of metal		..	..	..	..		..	..	..	..
2813 Steam generators		..	..	..	..		..	..	..	..
289 Other metal products; metal working services		6034	11424	10415	6957		..	..	..	..
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		6269	11378	14175	15553		..	..	..	..
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		..	..	..	..		..	..	..	..

UGANDA

<p>Supplier of information: Ministry of Finance and Economic Planning, Statistics Department, Entebbe.</p> <p>Basic source of data: Industrial survey.</p> <p>Major deviations from ISIC (Revision 3): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Not reported.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications:</p>
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Uganda

ISIC Industry	Number of establishments (numbers)				Number of employees (numbers)				Wages and salaries paid to employees (million SHILLINGS)						
	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998	Note	1995	1996	1997	1998
		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		1	1	1	1		69	72	76	75		167.0	202.0	226.3	197.9
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		2	2	2	1		83	79	76	71		175.2	166.6	324.8	319.4
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		...	...	...	...		...	...	...	...		...	...	...	...

a/ 1514 includes 2424.

b/ 1549 includes 1541 and 1542.

Uganda

ISIC Industry	Output (million SHILLINGS)				Value added (million SHILLINGS)				Gross fixed capital formation (million SHILLINGS)	
	1995	1996	1997	1998	1995	1996	1997	1998	1997	1998
	Note								Note	
ISIC Industry										
ISIC Revision 3										
151 Processed meat, fish, fruit, vegetables, fats	9130	10006	12973	...	...	...
1511 Processing/preserving of meat	10935	18414	20574	...	...	...
1512 Processing/preserving of fish
1513 Processing/preserving of fruit & vegetables
1514 Vegetable and animal oils and fats	8948	9616	13841	...	...	...
1520 Dairy products	5445	6021	8336	...	...	...
153 Grain mill products; starches; animal feeds	6477	6345	7475	...	...	...
1531 Grain mill products	1881	1591	2312	...	...	...
1532 Starches and starch products	7693	9114	11634	...	...	...
1533 Prepared animal feeds	15546b/	22337b/	25960b/	...	...	...
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	1126a/	1233a/	1458a/	...	...	...
1551 Distilling, rectifying & blending of spirits	26677c/	32988c/	45602c/	...	...	...
1552 Wines
1553 Malt liquors and malt
1554 Soft drinks; mineral waters	13305	13980	11617	...	...	...
1600 Tobacco products	11153	11966	12928	...	...	...
171 Spinning, weaving and finishing of textiles	3100	1643	3197	...	...	...
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	8034	10401	13187	...	...	...
1729 Other textiles n.e.c.	4273d/	4276d/	4467d/	...	...	...
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	1680e/	2974e/	1624e/	...	...	...
1911 Tanning and dressing of leather
1912 Luggage, handbags, etc.; saddlery & harness
1920 Footwear
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 of books and other publications	7114	10775	14116	...	...	...
2211 Publishing of newspapers, journals, etc.
2212 Publishing of newspapers, journals, etc.
2213 Publishing of recorded media
2219 Other publishing

cont inued

Uganda

ISIC Industry	Output (million SHILLINGS)				Value added (million SHILLINGS)				Gross fixed capital formation (million SHILLINGS)	
	Note	1995	1996	1997	1998	Note	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		5642	...	...
2310 Coke oven products	
2320 Refined petroleum products	
2330 Processing of nuclear fuel	
241 Basic chemicals		1482	1556	...
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		2282	2839	...
2423 Pharmaceuticals, medicinal chemicals, etc.		1494	3317	...
2424 Soap, cleaning & cosmetic preparations		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	
2692 Refractory ceramic products		9277	11626	18186
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, fans 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/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	...	...	...	...	...	...	...	...	...
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	...	...	...	...	...	...	...	...	...
	11897	17650	13681	9531	8021	12863			

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 Industry		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
15	Food and beverages
16	Tobacco products
17	Textiles	117	126	100	92	93	62	71	55	127	119	123	123	
18	Wearing apparel, fur	78	88	100	116	104	50	46	28	18	7	2	2	
19	Leather, leather products and footwear	...	...	...	...	...	...	...	...	...	...	...	...
20	Wood products (excl. furniture)	166	106	100	100	138	184	193	208	224	242	226	226	
21	Paper and paper products	55	75	100	123	133	220	271	126	342	380	444	444	
22	Printing and publishing	...	...	...	...	...	...	...	...	...	...	...	...
23	Coke, refined petroleum products, nuclear fuel	...	...	...	...	...	...	...	...	...	...	...	...
24	Chemicals and chemical products	61	89	100	105	137	209	279	278	423	506	563	563	
25	Rubber and plastics products	...	...	...	...	...	...	...	...	...	...	...	...
26	Rubber and plastics products	61	71	100	105	132	161	238	427	682	744	791	791	
27	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	91	129	100	74	109	379	401	510	421	302	264	264	
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	...	...	...	...	...	...	...	...	...	...	...	...
34	Motor vehicles, trailers, semi-trailers	46	73	100	133	146	202	189	258	226	269	270	270	
35	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
36	Furniture; manufacturing n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	80	93	100	115	123	167	213	247	293	323	354	354	

a/ 21 includes 22.
b/ 31 includes 32.
c/ 34 includes 35.

UKRAINE

<p>Supplier of information: State Statistics Committee of the Ukraine, Kiev.</p> <p>Basic source of data: Annual statistical reports of enterprises.</p> <p>Major deviations from ISIC (Revision 2): Data collected under the national classification system have been reclassified by the national authorities to correspond approximately to ISIC (Rev. 2).</p> <p>Reference period (if not calendar year):</p> <p>Scope: All establishments.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications:</p>
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Ukraine	ISIC Revision 2	Number of establishments				Number of employees				Wages and salaries paid to employees					
		(Numbers)				(thousands)				(thousand HRYVNIAS)					
		1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry	Note														
311/2 Food products	30944	35151	34683	36469	Note	532	500	513	494		980855	994249	985503	1065107	
3111 Slaughtering, preparing & preserving meat	6931	7610	7465	7791		75	68	71	64		113325	113325	98570	103620	
3112 Dairy products	1352	1625	1682	1812		70	70	66	66		131425	124446	135522	150826	
3113 Dairying, preserving of fruits & vegetables	1463	1454	1255	1124		41	36	34	33		32634	32130	34330	38429	
3114 Canning, preserving and processing of fish	319	373	360	393		7	7	3	3		7679	8159	5275	5787	
3115 Vegetable and animal oils and fats	3099	3580	3664	3789		16	16	23	24		47808	44486	53173	65719	
3116 Grain mill products	11633	12360	11856	12357		26	23	40	44		208505	239511	234647	84579	
3117 Bakery products	3221	5010	5534	6177		100	97	100	97		180800	171259	162243	235333	
3118 Sugar factories and refineries	196	205	215	225		103	98	92	87		190800	171259	162243	235333	
3119 Cocoa, chocolate and sugar confectionery	156	315	341	405		33	34	34	37		69394	84259	93701	127807	
3121 Other food products	129	194	180	254		58	54	44	35		126345	92057	78554	81369	
3122 Prepared animal feeds	2405	2425	2131	2142		3	3	3	3		6183	6397	6858	3031	
313 Beverages	803	1233	1201	1290		63	62	67	68		182604	197267	193095	256816	
3131 Distilling, rectifying and blending spirits	134	180	195	195		23	23	24	24		86778	74492	54531	51148	
3132 Wine industries	310	401	306	305		14	14	16	17		34615	46582	46479	56893	
3133 Malt liquors and malt	11	..	..	..		17	17	17	16		46737	60944	70554	96280
3134 Soft drinks and carbonated waters	266	508	546	648		9	8	10	13		14475	15249	21531	52496	
314 Tobacco	19	25	27	33		7	7	7	6		31539	38360	58821	84527	
321 Textiles	503	731	654	744		133	118	108	97		114073	108528	96411	95329	
3211 Spinning, weaving and finishing textiles	351	338	257	296		75	62	57	57		69981	67914	59190	55134	
3212 Made-up textile goods excl. wearing apparel	73	58	57	61		9	9	8	6		7938	7950	8069	6271	
3213 Knitting mills	30	241	276	276		40	35	30	27		25133	21344	18912	23490	
3214 Carpets and rugs	..	..	..	..		..	..	..	..		..	..	..	..
3215 Cordage, rope and twine	23	29	23	23		2	2	2	1		3779	3680	2801	1400	
3219 Other textiles	23	65	70	88		4	10	5	6		3709	7640	7438	9033	
322 Wearing apparel, except footwear	1015	2109	2068	2037		115	108	105	107		94713	101528	125887	171676	
323 Leather and fur products	72	187	155	181		15	14	13	11		16356	19013	16969	20261	
3231 Tanneries and leather finishing	..	..	..	..		..	..	..	..		..	..	..	..
3232 Fur dressing and dyeing industries	..	..	..	..		..	..	..	..		..	..	..	..
3233 Leather prods. excl. wearing apparel	24	..	76	95		..	..	..	3		..	..	..	2079
324 Footwear, except rubber or plastic	101	488	452	457		48	42	36	33		35078	32119	26354	34669	
331 Wood products, except furniture	12949	14051	14244	14012		48	48	76	58		46219	51905	83243	106497	
3311 Sawmills, planing and other wood mills	12122	13159	13422	13157		23	22	28	27		23216	25139	31745	41235	
3312 Wooden and cane containers	456	418	328	300		4	4	2	1		4092	2940	1459	1168	
3319 Other wood and cork products	371	484	494	555		21	23	46	30		18885	23826	50039	64094	
332 Furniture and fixtures, excl. metal	324	949	954	1048		79	68	62	56		63785	60867	61521	70993	
341 Paper and products	69	197	236	301		23	21	20	21		41763	40151	41214	64848	
3411 Pulp, paper and paperboard articles	23	32	44	41		17	17	16	15		34296	32884	32929	44006	
3412 Containers of paper and paperboard	31	83	85	85		3	3	2	2		3094	2726	3057	11960	
3419 Other pulp, paper and paperboard articles	15	82	107	144		3	2	2	4		4373	4540	5057	8863	
342 Printing and publishing	553	1613	1746	1974		28	27	23	22		59731	64280	63833	66549	
351 Industrial chemicals	84	239	280	309		161	140	132	118		303202	298772	296093	316071	
3511 Basic chemicals excl. fertilizers	..	..	..	..		46	43	39	25		80652	76431	84552	44552
3512 Fertilizers and pesticides	15	27	29	34		94	79	76	70		190317	188603	188602	218782	
3513 Synthetic resins and plastic materials	10	41	45	42		21	18	17	23		32233	29477	31060	52737	
352 Other chemicals	166	672	759	883		44	42	41	38		92960	105866	112067	126338	
3521 Paints, varnishes and lacquers	52	179	191	231		11	11	10	6		26917	26917	26965	19180	
3522 Drugs and medicines	49	197	259	276		15	15	15	15		27375	56385	57728	68848	
3523 Soap, cleaning preps., perfumes, cosmetics	24	89	105	138		3	3	3	3		4516	5346	5496	8920	
3529 Other chemical products	..	..	..	..		16	14	13	14		18908	17938	21878	29390
353 Petroleum refineries	12	51	99	113		17	17	17	17		69457	69074	78685	94461	

354 Misc. petroleum and coal products	720	703	722	699	48	43	42	41	126266	124913	133093	153135
355 Rubber products	38	149	185	252	32	30	29	27	68853	79902	78300	74512
3551 Tyres and tubes	13	34	59	114	17	13	17	11	46407	54758	54138	51331
3559 Other rubber products	25	115	126	138	15	17	12	11	22456	25144	24162	23181
356 Plastic products	75	706	781	912	11	13	15	14	11469	15321	20666	29274
361 Pottery, china, earthenware	34	118	135	128	23	21	22	21	29015	29351	32140	38723
362 Glass and products	62	192	228	233	46	39	38	35	64675	66105	71038	84598
369 Other non-metallic mineral products	3595	4362	4444	4388	235	206	197	182	342461	335514	354032	385999
3691 Structural clay products	41	96	...	116	9	8	7	6	14296	14705	13583	17240
3692 Cement, lime and plaster	15	25	1	171	15	14	15	14	30678	31230	35669	41850
3699 Other non-metallic mineral products	...	...	...	...	211	184	175	162	297487	290580	304780	326909
371 Iron and steel	69	161	188	268	277	292	292	288	783258	940134	967776	1095738
372 Non-ferrous metals	37	144	159	187	41	26	40	41	109206	75977	128513	171155
381 Fabricated metal products	14181	17398	17913	17914	285	253	320	295	447903	418257	521196	522668
3811 Cutlery, hand tools and general hardware	480	1049	1168	1214	51	49	41	38	67419	68712	68631	78101
3812 Furniture and fixtures primarily of metal	59	108	104	151	18	16	11	8	20640	19539	18360	12891
3813 Structural metal products	310	440	389	459	21	17	16	14	35632	29122	24583	24503
3819 Other fabricated metal products	13332	15801	16252	16090	195	171	252	235	324213	300885	409622	407174
382 Non-electrical machinery	652	1686	1870	2160	444	405	363	341	578682	606897	591757	646146
3821 Engines and turbines	5	10	10	13	13	12	11	11	21732	21455	24731	29962
3822 Agricultural machinery and equipment	119	212	230	247	124	110	95	90	146478	148685	142709	155394
3823 Metal and wood working machinery	123	350	393	475	48	46	42	40	61052	61161	56246	62613
3824 Other special industrial machinery	351	835	910	1076	183	169	155	146	269997	276752	268076	289456
3825 Office, computing and accounting machinery	17	199	239	259	19	16	16	8	13502	11057	8107	6629
3829 Other non-electrical machinery & equipment	37	80	88	90	57	51	48	46	65922	87776	91889	102091
383 Electrical machinery	205	626	654	675	152	142	128	126	180555	180087	180616	206587
3831 Electrical industrial machinery	181	548	558	593	136	128	117	118	168941	168525	166169	193515
3832 Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	24	78	96	82	16	14	11	8	11614	11561	14447	13072
3839 Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	145	484	529	574	276	240	220	205	407522	382813	413298	459543
3841 Shipbuilding and repairing	55	176	198	228	96	80	69	63	175897	139261	129065	153896
3842 Railroad equipment	18	47	48	49	49	43	43	41	77847	76858	77678	76367
3843 Motor vehicles	48	213	226	231	67	57	49	47	65509	62875	92037	101907
3844 Motorcycles and bicycles	4	18	21	28	4	3	4	4	3117	3160	5247	7650
3845 Aircraft	20	30	36	38	60	57	55	51	85152	100659	109271	119723
3849 Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	123	349	416	490	94	92	84	63	78769	99860	98143	89993
3851 Prof. and scientific equipment n.e.c.	106	312	384	444	67	68	63	44	53591	67861	65754	48877
3852 Photographic and optical goods	17	37	32	46	27	24	21	19	25177	31999	32388	41117
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	...	...	...	...	...	...	...	...	...	...	...	...
3901 Jewellery and related articles	6	37	45	63	7	7	6	6	16580	15665	16009	22484
3902 Musical instruments	14	24	26	26	2	2	1	1	1689	1683	1005	906
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing	68037	86148	87220	90170	3384	3332	3290	3096	5786816	5939588	6215030	6985067

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ISIC Industry	Output in factor values (million HRYVNIAS)				Value added (million HRYVNIAS)				Gross fixed capital formation (thousand HRYVNIAS)	
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
311/2 Food products		12126.2	12221.2	10995.0	13248.5		519032	519032	519032	-469328
3111 Slaughtering, preparing & preserving meat		2590.0	2435.1	2211.9	2448.3		10444	10444	10444	-132166
3112 Dairy products		1780.6	1567.1	1830.6	2510.1		71419	71419	71419	19008
3113 Canning, preserving of fruits & vegetables		277.7	294.7	315.6	293.8		-30190	-30190	-30190	-56233
3114 Canning, preserving and processing of fish		606.6	301.5	101.1	119.5		-82700	-82700	-82700	-40010
3115 Vegetable and animal oils and fats		1920.7	552.4	670.0	1043.1		90145	90145	90145	34168
3116 Grain mill products		2018.9	1676.1	1199.9	1265.4		81183	81183	81183	-16439
3117 Bakery products		1073.9	1617.1	1974.8	2073.7		123383	123383	123383	-47209
3118 Sugar factories and refineries		679.5	810.4	1049.7	990.0		64439	64439	64439	-293970
3119 Cocoa, chocolate and sugar confectionery		91.1	127.0	170.2	302.0		123426	123426	123426	54711
3121 Other food products		788.4	631.7	495.6	510.6		10366	10366	10366	-3812
3122 Prepared animal feeds										
313 Beverages		1690.8	1986.0	1978.9	3149.8		263202	263202	263202	408646
3131 Distilling, rectifying and blending spirits		797.1	688.1	491.3	640.5		36770	36770	36770	38708
3132 Wine industries		390.9	584.2	595.8	884.0		60136	60136	60136	25836
3133 Malt liquors and malt										
3134 Soft drinks and carbonated waters		107.8	204.2	259.8	577.2		34498	34498	34498	97972
314 Tobacco		304.0	536.1	800.0	11312.5		56120	56120	56120	190994
321 Textiles		721.5	613.0	472.7	500.0		30819	30819	30819	-55486
3211 Spinning, weaving and finishing textiles		501.6	380.4	273.6	226.3		57331	57331	57331	-72864
3212 Made-up textile goods excl. wearing apparel		31.9	30.8	30.2	27.4		-6423	-6423	-6423	3911
3213 Knitting mills		113.8	93.2	82.3	117.2		-23298	-23298	-23298	-16164
3214 Carpets and rugs		18.9	21.7	14.1	10.1		241	241	241	..
3215 Cordage, rope and twine		55.3	86.8	72.4	119.0		2968	2968	2968	-271
3219 Other textiles										
322 Wearing apparel, except footwear		314.5	411.5	499.6	646.2		2509	2509	2509	45985
323 Leather and fur products		140.9	145.5	145.7	291.2		3314	3314	3314	553
3231 Tanneries and leather finishing										
3232 Fur dressing and dyeing industries										
3233 Leather prods. excl. wearing apparel		6.1	13.3	10.6	15.1		659	659	659	359
324 Footwear, except rubber or plastic		173.9	163.6	154.3	237.6		-34154	-34154	-34154	-18407
331 Wood products, except furniture		355.4	433.4	544.3	750.9		29889	29889	29889	-502
3311 Sawmills, planing and other wood mills		298.3	362.8	432.1	593.9		21935	21935	21935	536
3312 Wooden and cane containers		20.5	12.0	9.2	11.8		779	779	779	-952
3319 Other wood and cork products		36.6	58.6	103.0	145.2		7175	7175	7175	-86
332 Furniture and fixtures, excl. metal		329.3	362.1	345.0	517.2		-6200	-6200	-6200	-15861
341 Paper and products		435.9	411.3	550.7	1072.5		-58313	-58313	-58313	93643
3411 Pulp, paper and paperboard articles		382.2	339.4	433.2	606.1		-72498	-72498	-72498	3881
3412 Containers of paper and paperboard		22.3	31.5	37.2	247.9		656	656	656	3475
3419 Other pulp, paper and paperboard articles		31.4	40.5	80.2	218.5		13529	13529	13529	86287
342 Printing and publishing		223.0	377.4	475.8	783.8		3125	3125	3125	56154
351 Industrial chemicals		3111.0	2705.3	2741.1	3756.0		-537808	-537808	-537808	-986323
3511 Basic chemicals excl. fertilizers										
3512 Fertilizers and pesticides		2139.4	1828.1	1872.3	2846.1		-349140	-349140	-349140	-139509
3513 Synthetic resins and plastic materials		165.7	146.1	410.5	393.6		-81304	-81304	-81304	-629579
352 Other chemicals		885.8	1097.5	1238.5	1632.9		193817	193817	193817	312452
3521 Paints, varnishes and lacquers		333.1	307.0	332.4	319.8		15419	15419	15419	7918
3522 Drugs and medicines		396.9	535.0	612.7	881.3		62235	62235	62235	144859
3523 Soap, cleaning preps., perfumes, cosmetics		40.4	76.9	99.6	177.2		1779	1779	1779	35693
3529 Other chemical products										
353 Petroleum refineries		1180.4	1642.1	1926.7	2121.6		103089	103089	103089	69429

354 Misc. petroleum and coal products	1241.5	1088.8	1153.3	1406.8	69676	104216
355 Rubber products	1110.3	1037.9	1151.7	948.0	-235430	87515
3551 Tyres and tubes	933.6	854.2	976.4	752.6	-232612	113766
3559 Other rubber products	176.7	183.7	175.3	195.4	-2818	-26251
356 Plastic products	66.1	201.7	269.6	473.9	38403	34687
361 Pottery, china, earthenware	108.8	113.7	131.0	168.2	3733	1961
362 Glass and products	408.3	401.1	433.4	621.2	56933	-25228
369 Other non-metallic mineral products	2321.7	2386.1	2517.4	3231.5	-27169	-53734
3691 Structural clay products	72.0	68.4	84.4	125.7	4823	3708
3692 Cement, lime and plaster	332.4	352.0	402.2	604.3	27821	41617
3699 Other non-metallic mineral products	...	...	...	...	...	...
371 Iron and steel	11867.4	12832.4	14525.4	20065.3	1189689	1609323
372 Non-ferrous metals	807.6	867.8	1060.4	1854.4	-106014	206128
381 Fabricated metal products	2615.1	2951.2	2918.6	3300.7	90420	-135708
3811 Cutlery, hand tools and general hardware	534.4	597.7	633.3	713.7	-42608	-42600
3812 Furniture and fixtures primarily of metal	74.5	42.0	33.1	51.5	-17998	-14162
3813 Structural metal products	180.4	200.3	144.2	197.4	90047	-20539
3819 Other fabricated metal products	1825.8	2111.3	2108.1	2338.1	60979	-58407
382 Non-electrical machinery	2881.1	3447.3	3837.9	4972.0	-235541	-207720
3821 Engines and turbines	162.7	173.0	427.8	514.4	513	4077
3822 Agricultural machinery and equipment	791.3	777.1	831.0	1084.7	-7879	-75183
3823 Metal and wood working machinery	187.0	213.5	212.4	291.5	-47902	-24728
3824 Other special industrial machinery	1417.9	1605.3	1622.0	2189.8	-100270	-11307
3825 Office, computing and accounting machinery	44.8	119.4	141.4	68.0	-60709	-17996
3829 Other non-electrical machinery & equipment	277.5	559.0	676.8	750.2	-18368	-82583
383 Electrical machinery	1037.4	1177.6	1251.3	1436.7	-30690	-7629
3831 Electrical industrial machinery	985.9	1119.3	1170.2	1357.1	-14052	-203
3832 Radio, television and communication equipa.	...	...	...	...	...	...
3833 Electrical appliances and housewares	51.5	58.3	81.2	79.6	-16638	-7426
3839 Other electrical apparatus and supplies	...	...	...	...	...	...
384 Transport equipment	1834.7	1947.5	2303.3	2410.2	-375297	-122187
3841 Shipbuilding and repairing	559.5	437.9	293.6	404.2	-152390	-169673
3842 Railroad equipment	386.5	502.2	504.7	550.5	-2345	-2345
3843 Motor vehicles	386.5	431.9	919.7	608.1	-201224	4582
3844 Motorcycles and bicycles	14.6	18.2	19.7	38.7	-2085	48
3845 Aircraft	287.6	557.2	565.5	808.7	-20175	46001
3849 Other transport equipment	...	...	...	...	...	...
385 Professional and scientific equipment	296.2	384.2	343.0	476.0	-120475	-32760
3851 Prof. and scientific equipment n.e.c.	225.3	287.4	250.8	326.7	-103819	-17229
3852 Photographic and optical goods	70.9	96.8	92.2	149.3	-16656	-15531
3853 Watches and clocks	...	...	...	...	...	...
390 Other manufacturing industries	60.0	54.6	68.0	113.8	528	956
3901 Jewellery and related articles	6.1	6.5	2.6	4.3	-14595	-602
3902 Musical instruments	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.
3 Total manufacturing	50326.3	54004.1	56736.8	74108.3	362291	709679

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ISIC Industry	Index numbers of industrial production (1990=100)											
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
311/2 Food products	94	97	100	88	77	72	61	54	...	...	...	...
313 Beverages	...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco	113	110	100	104	102	64	64	61	...	...	...	...
321 Textiles	97	101	100	97	100	82	43	28	...	...	...	...
322 Wearing apparel, except footwear	96	98	100	105	118	108	105	80	...	...	...	...
323 Leather and fur products	93	96	100	100	117	107	52	30	...	...	...	...
324 Footwear, except rubber or plastic	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture	97	101	100	93	83	86	64	49	...	...	...	...
332 Furniture and fixtures, excl. metal	...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products	89	93	100	111	110	84	48	43	...	...	...	...
342 Printing and publishing	86	94	100	157	235	363	298	281	...	...	...	...
351 Industrial chemicals	100	102	100	93	84	66	51	45	...	...	...	...
352 Other chemicals	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	103	103	100	89	73	53	38	37	...	...	...	...
354 Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	95	99	100	85	85	71	40	34	...	...	...	...
356 Plastic products	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	97	103	100	102	100	86	57	46	...	...	...	...
362 Glass and products	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	104	104	100	92	83	65	42	39	...	...	...	...
372 Non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products	99	100	100	110	120	123	67	48	...	...	...	...
382 Non-electrical machinery	84	90	100	100	119	127	104	85	...	...	...	...
383 Electrical machinery	92	97	100	104	97	100	58	47	...	...	...	...
384 Transport equipment	96	98	100	102	98	104	72	57	...	...	...	...
385 Professional and scientific equipment	86	96	100	106	113	119	81	59	...	...	...	...
390 Other manufacturing industries	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing	95	99	100	96	94	87	63	52	...	...	...	...

Note

a/

a/

b/

b/

c/

c/

d/

d/

e/

e/

f/

f/

f/

g/

g/

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

<p>Supplier of information: National Statistics, London. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.</p> <p>Basic source of data: Annual employment survey, annual business inquiry.</p> <p>Major deviations from ISIC (Revision 3): Data presented in accordance with ISIC (Rev. 3) were originally classified in the Standard Industrial Classification of economic activities 1992 (SIC92), which was compatible with NACE (Revision 1).</p> <p>Reference period (if not calendar year):</p> <p>Scope: All establishments.</p> <p>Method of enumeration: Questionnaires are distributed by mail.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: <u>Wages and salaries</u> 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, traveling expenses, lodging allowances, etc. are excluded. <u>Output</u> 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. <u>Value added</u> 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 merchandising 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. <u>Gross fixed capital formation</u> 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.</p> <p>Related national publications: Labour Market Trends, published by National Statistics, London.</p>
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United Kingdom

ISIC Industry	Number of establishments (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (million POUNDS)			
	Note				Note				Note			
	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999
151 Processed meat, fish, fruit, vegetables, fats	2630	2559	2412	2317	153	156	156	156	2325	2396	2452	2592
1511 Processing/preserving of meat	1294	1306	1241	1246	88	97	97	97	1442	1537	1600	1790
1512 Processing/preserving of fish	368	395	383	391	23	21	21	21	213	218	230	246
1513 Processing/preserving of fruit & vegetables	906	798	698	617	37	36	36	36	622	570	555	504
1514 Vegetable and animal oils and fats	62	60	80	61	4	3	3	3	48	72	68	52
1520 Dairy products	720	692	666	637	32	37	37	37	663	690	701	721
153 Grain mill products; starches; animal feeds	746	762	730	727	30	29	29	29	644	300	665	653
1531 Grain mill products	145	153	147	146	...	...	...	...	244	272	268	261
1532 Starches and starch products	14	11	7	10	...	...	...	...	31	30	28	30
1533 Prepared animal feeds	587	598	576	571	18	16	16	16	369	369	369	362
154 Other food products	3450	3562	3687	3606	189	208	208	208	2586	3016	3059	3174
1541 Bakery products	2627	2480	2574	2401	99	123	123	123	1434	1667	1657	1604
1542 Sugar	303	310	313	316	39	37	37	37	565	567	591	640
1543 Cocoa, chocolate and sugar confectionery	20	28	27	...	3	2	2	2	45	52	75	...
1544 Macaroni, noodles & similar products	...	...	...	...	45	43	43	43	...	...	...	...
1549 Other food products n.e.c.	719	745	752	816	44	47	47	47	1024	1113	1120	1243
155 Beverages	...	...	...	...	...	...	...	...	...	...	...	...
1551 Distilling, rectifying & blending of spirits	...	105	87	...	10	11	11	11	...	...	...	...
1552 Wines	92	116	115	372	3	3	3	3	45	49	73	...
1553 Malt liquors and malt	294	292	296	294	20	24	24	24	456	531	462	611
1554 Soft drinks; mineral waters	...	232	242	228	12	9	9	9	...	279	322	343
1600 Tobacco products	29	25	21	21	6	5	5	5	286	297	289	305
171 Spinning, weaving and finishing of textiles	1558	1580	1525	1479	61	59	59	59	861	846	838	744
1711 Textile fibre preparation; textile weaving	766	831	822	806	37	40	40	40	578	590	622	512
1712 Finishing of textiles	792	749	703	673	24	19	19	19	283	256	216	231
172 Other textiles	3730	3720	3577	3565	77	71	71	71	972	1159	1121	1016
1721 Made-up textile articles, except apparel	1856	1884	1921	1919	37	34	34	34	368	410	481	424
1722 Carpets and rugs	360	375	350	327	13	13	13	13	264	280	282	242
1723 Cordage, rope, twine and netting	100	104	107	103	2	2	2	2	20	20	29	25
1729 Other textiles n.e.c.	1414	1357	1299	1216	22	22	22	22	321	450	329	325
1730 Knitted and crocheted fabrics and articles	1059	1030	1003	950	43	39	39	39	587	560	532	462
1810 Wearing apparel, except fur apparel	8324	8173	7591	6942	151	143	143	143	1446	1574	1508	1401
1820 Dressing & dyeing of fur; processing of fur	53	39	39	35	...	...	...	...	6	6	4	12
191 Tanning, dressing and processing of leather	928	816	746	680	13	12	12	12	152	152	157	113
1911 Tanning and dressing of leather	408	324	265	239	5	5	5	5	68	64	59	57
1912 Luggage, handbags, etc.; saddlery & harness	520	492	481	441	8	7	7	7	84	88	98	56
1920 Footwear	522	488	462	432	28	23	23	23	274	277	251	207
2010 Sawmilling and planing of wood	1347	1268	1170	1121	10	11	11	11	150	155	159	169
202 Products of wood, cork, straw, etc.	7087	7293	7408	7428	74	73	73	73	930	981	1066	947
2021 Veneer sheets, plywood, particle board, etc.	182	199	199	200	7	8	8	8	103	125	116	128
2022 Builders' carpentry and joinery	4001	4302	4571	4704	45	42	42	42	539	562	674	611
2023 Wooden containers	633	609	601	603	10	10	10	10	130	130	130	95
2029 Other wood products; articles of cork/straw	2271	2183	2037	1921	12	13	13	13	158	167	146	113
210 Paper and paper products	3086	3053	2967	2895	115	107	107	99	2150	2129	2157	2063
2101 Pulp, paper and paperboard	515	500	496	515	26	26	26	26	526	521	567	548
2102 Corrugated paper and paperboard	1062	1038	1010	972	40	43	43	43	815	938	876	876
2109 Other articles of paper and paperboard	1509	1515	1461	1408	50	38	38	38	809	671	661	639
221 Publishing of books and other publications	8027	8787	9122	9498	140	145	145	145	2908	2955	3200	3353
2211 Publishing of newspapers, journals, etc.	2917	2905	2797	2802	37	34	34	34	619	647	713	659
2212 Publishing of newspapers, journals, etc.	3259	3160	3025	2877	91	95	95	95	2122	2139	2251	2445
2213 Publishing of recorded media	626	754	847	901	3	2	2	2	35	27	25	34
2219 Other publishing	1225	1968	2543	2918	9	13	13	13	132	141	210	215

222 Printing and related service activities	19306	200	...	...	...	3464	3357	3565	3637
2221 Printing	14582	162	...	...	...	2877	2825	2976	2880
2222 Service activities related to printing	4425	38	...	...	...	587	533	589	575
2230 Reproduction of recorded media	1185	7	...	...	...	168	190	146	182
2310 Coke oven products	17	...	...	...	...	11	10	8	8
2320 Refined petroleum products	228	14	...	...	...	355	317	357	353
2330 Processing of nuclear fuel	6	...	...	...	...	349	341	447	533
241 Basic chemicals	1334	75	...	...	...	1770	1893	2037	2156
2411 Basic chemicals, except fertilizers	586	46	...	...	...	1140	1201	1362	1431
2412 Fertilizers and nitrogen compounds	101	2	...	...	...	58	71	83	91
2413 Plastics in primary forms; synthetic rubber	688	24	...	...	...	572	621	592	634
242 Other chemicals	2650	168	...	...	...	3794	3915	3952	4419
2421 Pesticides and other agro-chemical products	59	4	...	...	...	187	157	169	200
2422 Paints, varnishes, printing ink and mastics	578	24	...	...	...	518	561	556	588
2423 Pharmaceuticals, medicinal chemicals, etc.	471	54	...	...	...	1540	1660	1666	1868
2424 Soap, cleaning & cosmetic preparations	667	41	...	...	...	830	815	766	837
2429 Other chemical products n.e.c.	875	40	...	...	...	720	722	794	927
2430 Man-made fibres	45	3	...	...	...	139	121	136	142
251 Rubber products	761	50	...	...	...	897	886	977	893
2511 Rubber tyres and tubes	131	17	...	...	...	402	391	437	428
2519 Other rubber products	680	31	...	...	...	495	495	540	465
2520 Plastic products	6351	187	...	...	...	2940	3210	3290	3386
2610 Glass and glass products	1685	36	...	...	...	610	628	632	646
269 Non-metallic mineral products n.e.c.	3721	106	...	...	...	1764	1856	1814	1796
2691 Pottery, china and earthenware	740	35	...	...	...	498	451	416	395
2692 Refractory ceramic products	166	8	...	...	...	124	158	128	130
2693 Struct. non-refractory clay; ceramic products	444	13	...	...	...	213	210	232	218
2694 Cement, lime and plaster	90	6	...	...	...	136	135	144	163
2695 Articles of concrete, cement and plaster	1046	27	...	...	...	490	560	550	597
2696 Cutting, shaping & finishing of stone	802	5	...	...	...	68	70	104	63
2699 Other non-metallic mineral products n.e.c.	433	12	...	...	...	235	272	240	230
2710 Basic iron and steel	1028	71	...	...	...	1376	1496	1556	1331
2720 Basic precious and non-ferrous metals	781	30	...	...	...	598	544	591	577
273 Casting of metals	807	42	...	...	...	611	629	626	573
2731 Casting of iron and steel	415	23	...	...	...	340	378	367	312
2732 Casting of non-ferrous metals	392	19	...	...	...	271	251	259	261
281 Struct. metal products; tanks; steam generators	4197	94	...	...	...	1548	1680	1894	2200
2811 Structural metal products	3560	61	...	...	...	1106	1193	1413	1706
2812 Tanks, reservoirs and containers of metal	414	13	...	...	...	230	246	261	252
2813 Steam generators	223	9	...	...	...	211	241	221	242
289 Other metal products; metal working services	25469	345	...	...	...	4729	4540	4839	4663
2891 Metal forging/pressing/stamping/roll-forming	1346	39	...	...	...	524	594	617	602
2892 Treatment & coating of metals	15498	167	...	...	...	2160	2036	2171	2224
2893 Cutlery, hand tools and general hardware	2468	46	...	...	...	720	683	674	617
2899 Other fabricated metal products n.e.c.	6121	92	...	...	...	1305	1228	1378	1220
291 General purpose machinery	6762	195	...	...	...	3845	3919	4398	4071
2911 Engines & turbines (not for transport equip.)	373	20	...	...	...	364	263	293	306
2912 Pumps, compressors, taps and valves	1059	42	...	...	...	946	1055	1405	1025
2913 Bearings, gears, gearing & driving elements	470	22	...	...	...	416	378	354	347
2914 Ovens, furnaces and furnace burners	216	5	...	...	...	88	102	93	88
2915 Lifting and handling equipment	1412	31	...	...	...	750	757	730	750
2919 Other general purpose machinery	3191	74	...	...	...	1281	1355	1523	1557
292 Special purpose machinery	6969	149	...	...	...	2628	2864	2940	2695
2921 Agricultural and forestry machinery	1408	22	...	...	...	332	278	309	280
2922 Machine tools	2091	35	...	...	...	575	566	635	509
2923 Machinery for metallurgy	77	3	...	...	...	47	34	33	35
2924 Machinery for mining & construction	481	16	...	...	...	282	378	433	387
2925 Food/beverage/tobacco processing machinery	466	13	...	...	...	238	270	338	223
2926 Machinery for textile, apparel and leather	318	7	...	...	...	144	145	104	90
2927 Weapons and ammunition	159	14	...	...	...	705	733	729	729
2929 Other special purpose machinery	1828	40	...	...	...	460	460	457	442
2930 Domestic appliances n.e.c.	613	35	...	...	...	521	572	524	529

cont. in next

United Kingdom

ISIC Revision 3

ISIC Industry	Number of establishments (numbers)			Number of employees (thousands)			Wages and salaries paid to employees (million POUNDS)							
	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999				
		1996	1997	1998	1999		1996	1997	1998	1999				
3000 Office, accounting and computing machinery		1394	1615	1561	1780		41	40	52	56	1156	1296	1492	1337
3110 Electric motors, generators and transformers		1151	1142	1095	1034		34	30	189n/	186n/	546	635	576	651
3120 Electricity distribution & control apparatus		931	987	1038	1036		47	49	...	...	818	793	961	1120
3130 Insulated wire and cable		360	381	401	477		18	21	...	...	376	384	340	344
3140 Accumulators, primary cells and batteries		89	109	101	132		8	8	...	...	124	118	128	117
3150 Lighting equipment and electric lamps		514	592	621	648		22	23	...	...	324	369	394	330
3190 Other electrical equipment n.e.c.		2480	2640	2621	2567		54	52	...	...	792	814	853	813
3210 Electronic valves, tubes, etc.		1077	980	989	958		56	52	130p/	135p/	917	1169	1021	953
3220 TV/radio transmitters; line comm. apparatus		866	927	880	925		45	42	...	...	996	850	1175	1469
3230 TV and radio receivers and associated goods		1026	1103	1071	1131		32	36	...	...	540	623	628	598
331 Medical, measuring, testing appliances, etc.		4801	5015	4829	5080		130	131	140q/	134q/	2110	2185	2286	2341
3311 Medical, surgical and orthopaedic equipment		1914	1871	1807	1791		34	33	...	...	510	461	504	513
3312 Measuring/testing/navigating appliances, etc.		2497	2719	2590	2874		86	90	...	...	1423	1508	1542	1627
3313 Industrial process control equipment		390	425	432	415		10	7	...	...	176	215	239	201
3320 Optical instruments & photographic equipment		634	683	690	717		15	18	...	...	250	264	325	330
3330 Watches and clocks		139	135	129	133		2	2	...	...	28	28	28	17
3410 Motor vehicles		547	600	594	639		94	96	246r/	218r/	2747	2828	3134	3079
3420 Automobile bodies, trailers & semi-trailers		687	767	764	777		34	30	...	...	441	491	488	467
3430 Parts/accessories for automobiles		1266	1359	1392	1449		98	102	...	...	1532	1746	1910	1923
351 Building and repairing of ships and boats		1559	1535	1520	1843		46	38	164s/	166s/	703	814	859	759
3511 Building and repairing of ships		1142	1038	972	896		40	31	...	...	600	713	742	610
3512 Building/repairing of pleasure/sport. boats		417	497	548	947		6	7	...	...	104	101	117	149
3520 Railway/tramway locomotives & rolling stock		100	91	875	112		11	12	...	...	245	240	235	243
3530 Aircraft and spacecraft		766	971	878	800		89	93	...	...	2121	2530	2799	2963
359 Transport equipment n.e.c.		247	299	298	301		5	6	...	...	79	87	110	94
3591 Motorcycles		86	84	82	80		1	1	...	...	15	15	15	17
3592 Bicycles and invalid carriages		91	115	110	117		3	4	...	...	54	56	72	56
3599 Other transport equipment n.e.c.		70	100	106	104		1	1	...	...	10	15	22	21
3610 Furniture		7317	7536	7667	7736		118	126	...	...	1842	2036	2056	2220
369 Manufacturing n.e.c.		10486	11073	11262	11647		72	73	...	...	906	974	571	1006
3691 Jewellery and related articles		1588	1620	1617	1638		10	10	...	...	138	163	144	142
3692 Musical instruments		222	231	230	248		2	2	...	...	29	27	26	25
3693 Sports goods		367	454	455	478		7	6	...	...	98	126	86	78
3694 Games and toys		819	840	778	782		12	11	...	...	140	148	106	109
3699 Other manufacturing n.e.c.		7470	7928	8182	8501		40	43	...	...	500	511	210	652
3710 Recycling of metal waste and scrap		430	483	498	545		6	5	...	...	70	75	78	109
3720 Recycling of non-metal waste and scrap		330	442	503	537		5	5	...	...	43	52	53	65
D Total manufacturing		164808	169663	169376	170196		4085	4068	...	...	69783	73385	76510	77357

s/ 351 includes 3520, 3530 and 359.

- a/ 171 includes 172 and 1730.
- b/ 1810 includes 1620.
- c/ 191 includes 1920.
- d/ 2010 includes 202.
- e/ 221 includes 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 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.

United Kingdom

ISIC Industry	Output (million POUNDS)				Value added in factor values (million POUNDS)				Gross fixed capital formation (million POUNDS)	
	1996	1997	1998	1999	1996	1997	1998	1999	1998	1999
	Note	Note	Note	Note	Note	Note	Note	Note	Note	Note
151 Processed meat, fish, fruit, vegetables, fats	19986	18712	18961	23509	4811	4922	4722	4452	739	691
1511 Processing/preserving of meat	11444	11737	10553	10553	2805	3009	10417	2770	434	441
1512 Processing/preserving of fish	1706	1698	1531	1463	369	341	346	371	49	50
1513 Processing/preserving of fruit & vegetables	5102	3975	3675	3649	1523	1354	1303	1151	216	183
1514 Vegetable and animal oils and fats	1735	1402	1338	1190	1735	1402	1338	1190	41	17
1520 Dairy products	7750	7055	7094	6654	1548	1479	1450	1234	251	286
153 Grain mill products; starches; animal feeds	3036	2857	2730	2605	708	708	1747	1677	298	204
1531 Grain mill products	465	315	288	259	135	89	825	861	148	84
1532 Starches and starch products	5498	4423	3669	3349	904	978	811	811	26	17
1533 Prepared animal feeds	17044	16884	16571	17399	6025	6579	6395	7040	124	103
154 Other food products	6595	6522	6479	6237	2476	2725	2642	2503	349	422
1541 Bakery products	4443	3865	3526	3669	1584	1426	1473	1276	157	229
1542 Sugar	412	393	474	...	137	154	204	...	20	...
1543 Cocoa, chocolate and sugar confectionery	12306	12450	12069	11992	3486	3544	3434	3882	786	709
1544 Macaroni, noodles & similar products	785	6112	2471	...	145	159	960	...	110	...
1549 Other food products n.e.c.	5996	2582	5781	6034	1596	1682	1381	1868	57	...
155 Beverages	...	...	2921	3154	...	625	841	1006	231	193
1551 Distilling, rectifying & blending of spirits	9407	9038	8340	6108	1661	1318	1377	1170	155	125
1552 Wines	3935	3771	3413	3018	1405	1426	1346	1116	193	102
1553 Malt liquors and malt	2899	2701	2572	2189	942	930	949	757	136	69
1554 Soft drinks; mineral waters	1036	1071	841	829	464	496	397	359	58	32
1600 Tobacco products	4725	4553	4366	4314	1729	1731	1703	1708	220	177
171 Spinning, weaving and finishing of textiles	1679	1678	1666	1942	638	658	625	775	67	68
1711 Textile fibre preparation; textile weaving	1324	1345	1199	1038	470	494	434	381	38	40
1712 Finishing of textiles	104	100	135	88	39	46	60	41	8	3
172 Made-up textile articles, except apparel	1619	1430	1385	1246	582	533	588	511	87	65
1721 Carpets and rugs	2472	2185	1907	1667	1002	969	835	705	78	49
1722 Cordage, rope, twine and netting	6125	7321	6420	5832	2545	3401	2658	2241	155	211
1723 Other textiles n.e.c.	36	34	27	20	8	10	7	4	1	-
1729 Other textiles n.e.c.	821	760	718	688	263	250	255	253	23	23
1730 Knitted and crocheted fabrics and articles	4678	450	440	436	109	97	94	121	7	16
1810 Wearing apparel, except fur apparel	361	310	278	252	154	153	161	131	17	7
1820 Dressing & dyeing of fur; processing of fur	1532	1124	955	868	609	521	401	451	34	23
191 Tanning, dressing and processing of leather	924	874	804	867	252	309	332	386	38	44
1911 Tanning and dressing of leather	4678	4677	4512	4186	1495	1848	1871	1631	253	253
1912 Luggage, handbags, etc.; saddlery & harness	807	942	800	822	251	343	302	284	89	80
1920 Footwear	2476	2292	2436	2379	810	927	981	950	103	116
200 Products of wood, cork, straw, etc.	740	652	652	545	196	232	278	27	27	27
201 Veneer sheets, plywood, particle board, etc.	555	791	584	439	238	346	310	243	34	30
202 Builders' carpentry and joinery	13282	11672	11415	11107	4222	4153	3920	3889	832	582
2023 Wooden containers	4039	3543	3617	3630	1182	1176	1147	1223	226	152
2029 Other wood products; articles of cork/straw	4464	4485	4306	4001	1446	1568	1508	1369	261	214
210 Paper and paper products	4779	3644	3492	3476	1595	1409	1264	1297	345	216
2101 Pulp, paper and paperboard	14206	14721	15772	16317	5901	6329	7042	7732	506	398
2102 Corrugated paper and paperboard	345	371	3706	3668	1243	1329	1504	1862	77	71
2109 Other articles of paper and paperboard	9873	10189	10858	11105	4307	4582	5013	5335	354	285
221 Publishing of books and other publications	170	258	336	356	58	168	257	153	2	6
2212 Publishing of newspapers, journals, etc.	711	558	783	1007	292	250	269	360	72	37
2213 Publishing of recorded media	...	...	...	...	...	...	...	...	...	...
2219 Other publishing	...	...	...	...	...	...	...	...	...	...

continued

United Kingdom

ISIC Industry	Output (million POUNDS)				Note	Value added in factor values (million POUNDS)				Note	Gross fixed capital formation (million POUNDS)	
	1996	1997	1998	1999		1996	1997	1998	1999		1998	1999
	ISIC Revision 3											
222 Printing and related service activities	12248	13238	13083	14771		5844	6442	6522	7493		1035	1106
2221 Printing	10501	11585	11157	14806		4805	5384	5436	5712		928	871
2222 Service activities related to printing	1746	1654	1925	1951		1040	1058	1087	1257		107	141
2230 Reproduction of recorded media	924	997	888	1014		437	495	468	524		55	94
2310 Coke oven products	74	61	36	28		23	18	13	9		...	...
2320 Refined petroleum products	24208	23295	23078	26078		1573	1214	1328	1752		208	...
2330 Processing of nuclear fuel	1659	1567	1785	1824		883	714	880	1052		...	...
241 Basic chemicals	17574	15038	14155	14253		5334	4169	4162	3736		1608	1174
2411 Basic chemicals, except fertilizers	10063	9682	9320	9616		...	2636	2960	2627		1180	929
2412 Fertilizers and nitrogen compounds	764	696	722	882		136	136	134	153		34	31
2413 Plastics in primary forms; synthetic rubber	6747	4759	3817	4051		2055	1396	1068	955		395	214
242 Other chemicals	26582	24974	23881	25641		9494	9840	9391	10396		1720	1726
2421 Pesticides and other agro-chemical products	1692	1272	1418	1360		531	500	437	450		55	71
2422 Paints, varnishes, printing ink and mastics	3270	3225	3025	3012		944	1206	1125	1114		112	132
2423 Pharmaceuticals, medicinal chemicals, etc.	9584	9640	9666	10710		4201	4545	4432	4796		998	1002
2424 Soap, cleaning & cosmetic preparations	6451	6009	5083	5206		1831	1722	1593	1845		282	261
2429 Other chemical products n.e.c.	5585	4828	4690	5353		1988	1867	1804	2190		273	260
2430 Man-made fibres	1105	844	767	752		438	304	278	256		121	97
251 Rubber products	4297	3401	3790	3106		1569	1524	1708	1441		189	173
2511 Rubber tyres and tubes	1966	1477	1599	1369		652	676	789	646		94	75
2519 Other rubber products	2331	1924	1737	1737		877	849	796	796		95	98
2520 Plastic products	14851	15612	15220	14807		5417	6168	6202	5936		1029	1049
2610 Glass and glass products	2810	2675	2555	2728		1263	1268	1106	1156		189	193
269 Non-metallic mineral products n.e.c.	8447	8638	8276	8403		3601	3709	3686	3593		562	625
2691 Pottery, china and earthenware	1465	1236	1194	1025		834	758	679	586		70	46
2692 Refractory ceramic products	612	529	528	516		238	267	208	215		19	22
2693 Struct non-refractory clay; ceramic products	706	722	803	769		414	385	450	426		50	54
2694 Cement, lime and plaster	874	872	876	1011		371	373	386	472		159	279
2695 Articles of concrete, cement and plaster	3388	3560	3505	3815		1138	1224	1334	1375		192	174
2696 Cutting, shaping & finishing of stone	237	267	261	316		124	138	135	148		14	14
2699 Other non-metallic mineral products n.e.c.	1166	1296	1109	950		481	564	494	370		57	36
2710 Basic iron and steel	10214	10180	9980	7933		2622	2682	2372	1971		408	143
2720 Basic precious and non-ferrous metals	6614	4961	4958	4457		1410	1169	1336	1058		180	141
273 Casting of metals	2342	2112	1932	1807		970	996	894	788		126	123
2731 Casting of iron and steel	1269	1253	1059	921		555	599	509	418		70	41
2732 Casting of non-ferrous metals	1073	859	873	886		415	397	385	370		56	82
281 Struct metal products;tanks;steam generators	6517	7570	8205	8345		2365	3189	4093	3302		364	386
2811 Structural metal products	4780	5686	6374	6587		1753	2378	2636	2576		203	197
2812 Tanks, reservoirs and containers of metal	1018	1132	1107	1079		395	520	1107	459		36	46
2813 Steam generators	718	752	724	679		227	291	351	268		125	143
289 Other metal products; metal working services	17981	16739	17700	17765		7644	7973	8811	8897		1130	907
2891 Metal forging/pressing/stamping/roll-forming	2105	2425	2485	2500		838	1102	1158	1007		162	113
2892 Treatment & coating of metals	7115	6200	7180	7180		3401	3276	4088	4475		553	418
2893 Cutlery, hand tools and general hardware	2482	2280	2382	2132		1221	1160	1228	1040		143	106
2899 Other fabricated metal products n.e.c.	6278	5833	5652	5574		2184	2434	2367	2374		272	270
291 General purpose machinery	17912	16512	16745	16384		6520	7128	7309	6650		748	610
2911 Engines & turbines(not for transport equip.)	1923	1359	1546	1298		578	661	810	586		70	48
2912 Pumps, compressors, taps and valves	4301	4487	4379	3935		1581	2006	1917	1639		269	186
2913 Bearings, gears, gearing & driving elements	1746	1333	1244	1163		652	617	617	549		68	66
2914 Ovens, furnaces and furnace burners	466	409	361	295		165	196	125	125		6	6
2915 Lifting and handling equipment	3089	3089	3008	3251		1147	1148	1193	1213		92	102
2919 Other general purpose machinery	5913	5835	6207	6442		2277	2466	2617	2536		244	202

292 Special purpose machinery	14010	13912	13151	11857	4882	5098	4914	4606	505	424
2921 Agricultural and forestry machinery	3023	2675	2025	1768	733	714	539	497	58	57
2922 Machine tools	2577	2483	2235	2131	1011	1122	1115	1031	128	90
2923 Machinery for metallurgy	203	170	172	119	708	72	55	54	3	4
2924 Machinery for mining & construction	2061	2525	2645	2583	704	891	816	848	100	109
2925 Food/beverage/tobacco processing machinery	1022	1010	874	799	386	467	391	378	41	19
2926 Machinery for textile, apparel and leather	558	439	359	273	209	168	129	103	9	10
2927 Weapons and ammunition	2938	2685	1831	2433	1163	1215	537	1132	135	92
2929 Other special purpose machinery	1628	1924	3009	1752	570	449	1333	563	31	44
2930 Domestic appliances n.e.c.	2721	2732	2539	2302	863	934	962	878	103	103
3000 Office, accounting and computing machinery	14270	13127	13247	12690	2929	2706	2965	2884	359	284
3110 Electric motors, generators and transformers	2294	2665	2222	2994	931	1059	806	1064	116	122
3120 Electricity distribution & control apparatus	3560	3525	3668	3817	1360	1596	1735	1535	332	299
3130 Insulated wire and cable	2007	1992	1580	1672	629	734	527	509	98	77
3140 Accumulators, primary cells and batteries	691	556	573	542	233	202	204	191	52	30
3150 Lighting equipment and electric lamps	1511	1550	1588	1764	488	685	593	703	63	78
3190 Other electrical equipment n.e.c.	3574	3547	3844	3259	1312	1319	1431	1426	184	119
3210 Electronic valves, tubes, etc.	4905	5695	4675	4807	1690	2478	1946	1769	642	315
3220 TV/radio transmitters; line comm. apparatus	6591	6489	7695	10015	2344	2104	3041	4046	351	422
3230 TV and radio receivers and associated goods	4554	4278	3789	3728	994	1121	945	908	214	122
331 Medical, measuring, testing appliances, etc.	9449	8914	8917	9115	3720	4042	4129	4211	358	355
3311 Medical, surgical and orthopaedic equipment	2505	1931	2023	2243	1017	914	1011	1178	97	104
3312 Measuring/testing/navigating appliances, etc.	6195	6100	5806	6017	2409	2795	2649	2647	235	233
3313 Industrial process control equipment	750	883	1089	855	294	334	469	387	26	18
3320 Optical instruments & photographic equipment	1222	1254	1229	1364	506	622	551	622	104	115
3330 Watches and clocks	148	125	122	78	62	42	41	32	2	4
3410 Motor vehicles	27243	23357	24193	24004	6220	5848	5371	4375	1803	1515
3420 Automobile bodies, trailers & semi-trailers	2358	2600	2431	2382	709	801	782	762	83	59
3430 Parts/accessories for automobiles	7255	7966	8727	8219	2540	3023	3317	3014	603	543
351 Building and repairing of ships and boats	2610	2879	3055	3287	1174	1137	1332	1617	70	67
3511 Building and repairing of ships	2155	2403	2629	2734	1018	946	1159	1407	59	55
3512 Building/repairing of pleasure/sport. boats	455	475	436	553	156	191	153	210	11	12
3520 Railway/tramway locomotives & rolling stock	1143	1165	922	1129	382	376	-22	466	30	30
3530 Aircraft and spacecraft	11189	12885	15422	17524	3457	4685	6019	7654	625	694
359 Transport equipment n.e.c.	436	422	478	451	156	145	140	145	19	19
3591 Motorcycles	104	97	105	103	38	22	25	26	9	12
3592 Bicycles and invalid carriages	284	269	254	263	102	99	73	85	6	4
3599 Other transport equipment n.e.c.	47	56	108	84	15	25	42	34	3	3
3610 Furniture	7994	8652	8812	9235	3084	3548	3734	3711	322	286
369 Manufacturing n.e.c.	4408	4337	4424	4671	1649	1833	1985	2078	184	216
3691 Jewellery and related articles	774	778	733	791	242	295	405	331	29	35
3692 Musical instruments	83	66	61	55	36	43	35	33	2	3
3693 Sports goods	582	414	377	408	190	187	165	171	6	9
3694 Games and toys	765	747	885	739	271	305	236	284	22	14
3699 Other manufacturing n.e.c.	2234	2311	2699	2677	910	1004	1145	1259	123	155
3710 Recycling of metal waste and scrap	1056	991	895	987	192	234	188	227	51	56
3720 Recycling of non-metal waste and scrap	339	299	278	244	130	118	98	112	20	20
D Total manufacturing	442124	427779	423651	425424	138753	146210	147154	149123	22865	20516

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<p>Supplier of information: Bureau of Statistics, Dar es Salaam.</p> <p>Basic source of data: Estimates are based on 1991 industrial survey.</p> <p>Major deviations from ISIC (Revision 2): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Not reported.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: No deviations from the standard UN concepts and definitions are reported.</p> <p>Related national publications:</p>
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ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees					
	(numbers)				(numbers)				(million SHILLINGS)					
	1996	1997	1998	1999	Note	1996	1997	1998	1999	Note	1996	1997	1998	1999
ISIC Industry	Note													
311/2 Food products	137	139	139	139		36435	37161	38648	40770		5396	6475	8094	9083
3111 Slaughtering, preparing & preserving meat	...	6	6	6		608	620	645	680		164	197	246	275
3112 Dairy products	4	4	4	4		238	243	252	260		33	39	50	55
3113 Canning, preserving of fruits & vegetables	5	5	5	5		720	734	764	805		195	234	293	329
3114 Canning, preserving and processing of fish	31	32	32	32		2626	2678	2785	2938		634	761	951	1068
3115 Vegetable and animal oils and fats	19	21	21	21		1711	1745	1815	1915		260	312	390	438
3116 Grain mill products	19	20	20	20		923	942	979	1033		107	128	160	180
3117 Bakery products	5	5	5	5		14901	15198	15806	16674		2491	2989	3736	4192
3118 Sugar factories and refineries	2	2	2	2		152	155	162	171		21	25	31	35
3119 Cocoa, chocolate and sugar confectionery	33	34	34	34		14137	14419	14996	15819		1352	1623	2028	2276
3121 Other food products	10	10	10	10		419	427	444	469		139	167	209	235
3122 Prepared animal feeds	20	20	20	20		6451	6590	6853	7230		1165	1397	1747	1960
313 Beverages	2	2	2	2		139	142	147	156		41	49	51	69
3131 Distilling, rectifying and blending spirits	1	1	1	1		94	96	101	106		19	23	29	32
3132 Wine industries	4	4	4	4		4499	4589	4772	5035		769	922	1153	1293
3133 Malt liquors and malt	13	13	13	13		1729	1763	1833	1933		336	403	504	566
3134 Soft drinks and carbonated waters	3	3	3	3		5084	5186	5393	5689		...	...	...	...
314 Tobacco	54	54	54	54		32165	32808	34121	35994		4295	5154	6442	7229
321 Textiles	33	33	33	33		23879	24351	25331	26722		3069	3683	4604	5166
3211 Spinning, weaving and finishing textiles	9	9	9	9		3802	3878	4033	4254		686	823	1028	1154
3212 Made-up textile goods excl. wearing apparel	4	4	4	4		2352	2399	2495	2632		258	309	386	433
3213 Knitting mills	2	2	2	2		130	132	138	146		34	41	51	58
3214 Carpets and rugs	5	5	5	5		1955	1994	2074	2188		243	292	365	409
3215 Cordage, rope and twine	1	1	1	1		47	48	50	52		5	6	8	9
3219 Other textiles	45	45	44	44		1921	1959	2037	2149		260	312	390	438
322 Wearing apparel, except footwear	3	3	3	3		889	907	943	995		...	...	...	...
323 Leather and fur products	1	1	1	1		399	407	423	446		...	...	...	...
3231 Tanneries and leather finishing	...	...	...	...		...	...	...	...		...	...	...	...
3232 Fur dressing and dyeing industries	...	...	...	...		...	...	...	...		...	...	...	...
3233 Leather prods. excl. wearing apparel	6	6	7	7		490	500	520	549		110	131	164	184
324 Footwear, except rubber or plastic	51	48	48	48		2783	2838	2952	3114		37	45	56	63
331 Wood products, except furniture	37	34	34	34		4849	4946	5144	5426		655	786	983	1103
3311 Sawmills, planing and other wood mills	3	3	3	3		4632	4724	4913	5183		603	724	905	1016
3312 Wooden and cane containers	11	11	11	11		137	140	146	154		44	52	66	74
3319 Other wood and cork products	65	65	64	64		80	82	85	89		8	10	12	13
332 Furniture and fixtures, excl. metal	10	10	10	10		2144	2186	2274	2399		308	370	462	519
341 Paper and products	4	4	4	4		5315	5421	5638	5948		1109	1330	1663	1866
3411 Pulp, paper and paperboard articles	5	5	5	5		4412	4500	4680	4938		872	1046	1308	1467
3412 Containers of paper and paperboard	5	5	5	5		830	847	881	929		232	278	347	390
3419 Other pulp, paper and paperboard articles	46	46	46	46		73	74	77	81		5	6	8	9
342 Printing and publishing	9	9	9	9		2155	2199	2287	2412		440	529	660	741
351 Industrial chemicals	5	5	5	5		1722	1757	1827	1927		483	579	725	813
3511 Basic chemicals excl. fertilizers	4	4	4	4		611	623	648	684		309	371	464	521
3512 Fertilizers and pesticides	...	...	...	...		1111	1134	1179	1243		174	208	261	292
3513 Synthetic resins and plastic materials	42	42	42	42		...	...	...	...		...	...	...	...
352 Other chemicals	8	8	8	8		2843	2900	3016	3181		385	462	578	649
3521 Paints, varnishes and lacquers	7	7	7	7		330	337	350	370		64	77	96	108
3522 Drugs and medicines	23	23	23	23		477	486	507	533		82	82	103	115
3523 Soap, cleaning preps., perfumes, cosmetics	4	4	4	4		1155	1178	1225	1292		203	203	254	285
3529 Other chemical products	1	1	1	1		881	899	934	986		84	100	125	141
353 Petroleum refineries	1	1	1	1		365	372	387	409		170	203	254	285

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ISIC Industry	Output in factor values (million SHILLINGS)				Note	Value added in factor values (million SHILLINGS)				Note	Gross fixed capital formation (million SHILLINGS)	
	1996	1997	1998	1999		1996	1997	1998	1999		1998	1999
	ISIC Industry	Note										
311/2 Food products	79813	94700	110456	124493		15664	18585	21678	24432		33795	38086
3111 Slaughtering, preparing & preserving meat												
3112 Dairy products	3672	4357	5082	5728							2016	2272
3113 Canning, preserving of fruits & vegetables	423	502	585	660		40	48	56	63		189	213
3114 Canning, preserving and processing of fish	12982	15404	17967	20250		1321	1567	1829	2061		5802	6539
3115 Vegetable and animal oils and fats	5511	6539	7627	8596		1275	1513	1765	1989		4248	4787
3116 Grain mill products	15358	18222	21254	23955		306	369	437	517		3519	3628
3117 Bakery products	2366	3519	4104	4628		223	284	308	347		1028	1158
3118 Sugar factories and refineries	20861	24752	28871	32539		3487	4138	4826	5439		10638	11989
3119 Cocoa, chocolate and sugar confectionery	1076	1277	1490	1679		21	25	29	33		676	762
3121 Other food products	13532	16056	18727	21107		8718	10344	12065	13598		4869	5487
3122 Prepared animal feeds	3432	4072	4749	5353							1110	1251
313 Beverages	84491	100249	116930	131787		18479	21925	25574	28823		11819	13320
3131 Distilling, rectifying and blending spirits	3051	3620	4223	4759		456	541	631	712		764	861
3132 Wine industries	770	914	1066	1202		38	46	53	59		213	240
3133 Malt liquors and malt	57113	67765	79040	89083		14601	17323	20207	22774		7417	8359
3134 Soft drinks and carbonated waters	23557	27950	32601	36743		3384	4015	4683	5278		3425	3860
314 Tobacco	29131	34564	40315	45438		13168	15624	18224	20539		13333	15027
321 Textiles	30715	36443	42507	47908							8306	9361
3211 Spinning, weaving and finishing textiles	16357	21780	25405	28633							5424	6113
3212 Made-up textile goods excl. wearing apparel	5988	7104	8286	9339							984	1086
3213 Knitting mills	1601	1899	2215	2497							321	362
3214 Carpets and rugs	42	51	58	66							22	24
3215 Cordage, rope and twine	4651	5518	6437	7254							1529	1724
3219 Other textiles	76	91	106	119							46	52
322 Wearing apparel, except footwear	20679	24536	28619	32255							6676	7524
323 Leather and fur products	15	18	21	23		4	4	4	4		4	5
3231 Tanneries and leather finishing	5	6	7	8		1	1	1	1		2	3
3232 Fur dressing and dyeing industries												
3233 Leather prods. excl. wearing apparel	10	12	14	15								
324 Footwear, except rubber or plastic	351	416	486	547		70	83	97	109		85	96
331 Wood products, except furniture	5009	5943	6932	7813		496	589	686	774		2561	2886
3311 Sawmills, planing and other wood mills	4552	5400	6299	7100		458	543	633	714		2032	2291
3312 Wooden and cane containers	380	451	526	592							515	579
3319 Other wood and cork products	77	92	107	121		15	18	21	24		14	16
332 Furniture and fixtures, excl. metal	1957	2322	2708	3052		480	570	664	749		356	402
341 Paper and products	27417	32530	37944	42765		10425	12369	14428	16260		18247	20565
3411 Paper, paper and paperboard articles	20412	24219	28249	31838		9857	11707	13656	15390		11560	13028
3412 Containers of paper and paperboard	6548	7769	9062	10214		522	619	722	813		6251	7045
3419 Other pulp, paper and paperboard articles	457	542	633	713		36	43	50	57		436	492
342 Printing and publishing	27417	32530	37944	42765		6533	7752	9041	10190		31863	35912
351 Industrial chemicals	17923	21265	24804	27956		5845	6935	8090	9117		4839	5453
3511 Basic chemicals excl. fertilizers	8389	9953	11610	13085		3269	3880	4525	5100		3909	4405
3512 Fertilizers and pesticides	9534	11312	13194	14871		2576	3056	3565	4017		930	1048
3513 Synthetic resins and plastic materials												
352 Other chemicals	26282	31184	36373	40995		1642	1949	2273	2562		12418	13996
3521 Paints, varnishes and lacquers	3533	4192	4890	5511							2154	2428
3522 Drugs and medicines	6086	7222	8423	9494		130	154	180	203		2495	2812
3523 Soap, cleaning preps., perfumes, cosmetics	13362	15855	18493	20843		670	795	927	1045		7251	8172
3529 Other chemical products	3301	3915	4567	5147		839	996	1162	1309		518	584
353 Petroleum refineries	6633	7870	9179	10345		3448	4092	4772	5378		1182	1332

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		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
ISIC Industry		114	123	100	120	111	94	81	73	79	90	88	95	
311/2	Food products	98	97	100	100	107	117	125	192	233	258	299	296	
313	Beverages	78	84	100	106	97	114	105	106	132	155	149	103	
314	Tobacco	105	100	100	89	93	93	79	70	72	67	72	79	
321	Textiles	116	105	100	69	54	15	2	2	2	2	2	2	
322	Wearing apparel, except footwear	125	100	100	79	44	21	21	68	29	29	88	12	
323	Leather and fur products													
324	Footwear, except rubber or plastic	86	89	100	77	63	50	41	33	22	21	18	36	
331	Wood products, except furniture	...	...	...	...	...	...	...	...	...	...	...	...
332	Furniture and fixtures, excl. metal	118	127	100	85	67	130	83	72	50	32	20	29	
341	Paper and products	...	...	...	...	...	...	...	...	...	...	...	...
342	Printing and publishing	76	100	100	97	52	44	38	23	28	16	16	20	
351	Industrial chemicals	82	84	100	106	93	98	97	119	88	96	106	157	
352	Other chemicals	131	126	100	108	111	106	105	124	105	90	98	89	
353	Petroleum refineries	...	...	...	...	...	...	...	...	...	...	...	...
354	Misc. petroleum and coal products	93	101	100	89	77	86	85	69	74	78	62	46	
355	Rubber products	47	75	100	98	124	112	204	106	73	102	138	213	
356	Plastic products	...	...	...	...	...	...	...	...	...	...	...	...
361	Pottery, china, earthenware	...	...	...	...	...	...	...	...	...	...	...	...
362	Glass and products	89	89	100	154	102	112	103	72	67	61	102	81	
369	Other non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
371	Iron and steel	75	58	100	102	112	129	106	46	14	13	37	8	
372	Non-ferrous metals	65	87	100	89	100	31	21	10	9	12	17	19	
381	Fabricated metal products	226	136	100	118	100	123	156	115	123	85	67	39	
382	Non-electrical machinery	56	117	100	128	135	134	112	114	157	170	166	198	
383	Electrical machinery	...	75	100	75	28	8	19	12	13	11	8	7	
384	Transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
385	Professional and scientific equipment	...	...	...	...	...	...	...	...	...	...	...	...
390	Other manufacturing industries	83	87	100	98	8	15	22	28	53	47	46	53	
3	Total manufacturing	...	...	...	...	...	...	...	...	...	...	...	...

Note

UNITED STATES OF AMERICA

Supplier of information:

The Bureau of the Census, Department of Commerce, Washington, D.C. Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO.

Basic source of data:

Annual survey of manufacturing.

Major deviations from ISIC (Revision 3):

Data presented in accordance with ISIC (Rev. 3) were originally classified in the Standard Industrial Classification System (SIC).

Reference period (if not calendar year):

Scope:

All manufacturing establishments with at least one employee.

Method of enumeration:

Data are collected by mail and other communication media.

Adjusted for non-response:

Yes.

Concepts and definitions of variables:

Number of employees refers to all full- and part-time employees on the payrolls of operating establishments. An average of four quarterly observations (taken on 12 March, May, August and November) is taken for production workers (operatives) and combined with the figure for all other employees that is taken on 12 March.

Wages and salaries covers gross earnings, including wages, salaries and employers' contributions to pension funds and social security schemes. Regular and overtime cash payments, bonuses and cost of living allowances are included, as are vacation and sick leave pay, taxes and social insurance contributions payable by employees and deducted by employers, payments in kind and allowances. Also included are payments for health insurance, life insurance, pension plans and stock purchase plans. Wages and salaries are based upon the remuneration minus supplemental labour costs.

Output is measured as deliveries in terms of shipments, fob, adjusted for change in inventory for work-in-process and finished goods. Goods shipped include goods produced in the establishments, those shipped in the same condition as received, and receipts for industrial work done on materials owned by others or industrial services rendered to others. The value of goods shipped is in producer prices. In industries where the product is typically delivered, the value of shipments is in delivered prices.

Value added is based on the census concept and is calculated as output less the cost of materials, fuels and other supplies, goods shipped in the same condition as received, contract and commission work done by others, and electricity purchased. Input estimates are on a consumed basis. Valuation is the same as for output.

Gross fixed capital formation relates to the value of new plant and equipment purchased and constructed by the unit's own labour force for its own use. Used plant and equipment purchases are excluded. Fixed assets are defined as those with a productive life of more than one year. The valuation of new fixed capital formation is at full cost and includes the value of additions, alterations, improvements and repairs to existing assets (if capitalized). Purchased new assets are at delivered prices and include the cost of installation but exclude fees and taxes.

Related national publications:

The Employment Situation, distributed by the U.S. Bureau of Labor Statistics; Employment and Earnings, distributed by the U.S. Government Printing Office.

222	Printing and related service activities	834	838	26023	26847	27359
2221	Printing	751	760	23251	24002	24645
2222	Service activities related to printing	83	78	2772	2845	2724
2230	Reproduction of recorded media	33	30	1050	1275	1037
2310	Coke oven products	80	77	4486	4582	4546
2320	Refined petroleum products	...	...	...	...	...
2330	Processing of nuclear fuel	...	...	...	...	...
241	Basic chemicals	324	311	15872	16231	15931
2411	Basic chemicals, except fertilizers	199	192	10233	10438	10291
2412	Fertilizers and nitrogen compounds	23	23	881	912	960
2413	Plastics in primary forms; synthetic rubber	101	97	4759	4881	4680
242	Other chemicals	536	547	23099	24390	25125
2421	Pesticides and other agro-chemical products	14	14	635	646	675
2422	Paints, varnishes, printing ink and mastics	66	65	2581	2642	2732
2423	Pharmaceuticals, medicinal chemicals, etc.	203	213	11203	11985	11985
2424	Soap, cleaning & cosmetic preparations	126	123	4568	4743	4626
2429	Other chemical products n.e.c.	127	121	5204	5157	5108
2430	Man-made fibres	42	41	1609	1616	1652
251	Rubber products	202	211	6775	6930	7270
2511	Rubber tyres and tubes	72	74	2963	3029	3103
2519	Other rubber products	130	138	3902	4167	4167
2520	Plastic products	860	897	24145	25247	26595
2510	Glass and glass products	129	128	4428	4443	4648
259	Non-metallic mineral products n.e.c.	400	425	12803	13519	14379
2691	Pottery, china and earthenware	43	40	1115	1125	1120
2692	Refractory ceramic products	14	13	510	498	502
2693	Struct non-refractory clay; ceramic products	24	23	611	605	672
2694	Cement, lime and plaster	52	53	929	978	1033
2695	Articles of concrete, cement and plaster	192	199	5953	6512	7185
2696	Cutting, shaping & finishing of stone	13	14	351	369	419
2699	Other non-metallic mineral products n.e.c.	93	94	3336	3449	3449
2710	Basic iron and steel	214	213	9912	10041	9580
2720	Basic precious and non-ferrous metals	171	163	6599	6627	6462
2730	Casting of metals	225	225	7506	7707	7898
2731	Casting of iron and steel	132	127	4631	4700	4853
2732	Casting of non-ferrous metals	94	96	2876	3007	3045
281	Struct. metal products;tanks;steam generators	467	495	14280	15129	15807
2811	Structural metal products	356	370	10660	11443	12037
2812	Tanks, reservoirs and containers of metal	83	83	2672	2687	2822
2813	Steam generators	28	26	948	999	898
289	Other metal products; metal working services	1263	1299	41086	42856	42845
2891	Metal forging/pressing/stamping/roll-forming	154	158	5300	5581	5491
2892	Treatment & coating of metals	442	446	13961	14662	14516
2893	Cutlery, hand tools and general hardware	273	271	9468	9619	9574
2899	Other fabricated metal products n.e.c.	393	401	12357	12993	13265
291	General purpose machinery	771	775	27979	28776	29514
2911	Engines & turbines(not for transport equip.)	76	75	3285	3308	3573
2912	Pumps, compressors, taps and valves	233	229	8455	8822	8652
2913	Bearings, gears, gearing & driving elements	74	75	2722	2799	2849
2914	Ovens, furnaces and furnace burners	18	17	657	670	609
2915	Lifting and handling equipment	93	94	3331	3447	3678
2919	Other general purpose machinery	278	280	9529	9729	10153
292	Special purpose machinery	671	674	25716	26060	25342
2921	Agricultural and forestry machinery	95	86	3102	3126	2849
2922	Machine tools	111	105	4469	4475	4382
2923	Machinery for metallurgy	4	4	167	179	127
2924	Machinery for mining & construction	116	116	4587	4747	4535
2925	Food/beverage/tobacco processing machinery	19	19	712	729	725
2926	Machinery for textile, apparel and leather	18	17	576	582	556
2927	Weapons and ammunition	41	40	1576	1596	1584
2929	Other special purpose machinery	267	273	10520	10631	10582
2930	Domestic appliances n.e.c.	97	100	2917	3090	3135

continued

United States of America

ISIC Industry	Output (million DOLLARS)			Value added (million DOLLARS)			Gross fixed capital formation (million DOLLARS)		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
	Note	Note	Note	Note	Note	Note	Note	Note	Note
151 Processed meat, fish, fruit, vegetables, fats	179754	177222	177561	54229	57417	58907	3867	3103	4622
1511 Processing/preserving of meat	110422	107129	110054	28918	31005	33103	1550	1550	190
1512 Processing/preserving of fish	6919	7644	7967	2512	2955	2723	133	133	1698
1513 Processing/preserving of fruit & vegetables	36476	37983	38014	17992	18932	19008	1318	1318	1698
1514 Vegetable and animal oils and fats	29936	24466	21526	4806	8525	1073	866	866	1476
1520 Dairy products	58670	62479	62327	17622	18873	18999	1492	1492	2114
153 Grain mill products; starches; animal feeds	60653	59113	57112	23385	23782	24281	1770	1770	678
1531 Grain mill products	24465	24290	24762	11534	11972	13207	746	746	798
1532 Starches and starch products	8455	7972	7578	3071	3007	2791	424	424	638
1533 Prepared animal feeds	27732	26851	24772	7578	8802	8282	601	601	4999
154 Other food products	122310	129508	131980	68529	73439	75680	4355	4355	1872
1541 Bakery products	36956	39230	40508	23620	25347	27095	1389	1389	290
1542 Sugar	7399	7496	7269	2156	2276	2327	337	337	689
1543 Cocoa, chocolate and sugar confectionery	16715	17837	17837	9720	10670	10764	588	588	112
1544 Macaroni, noodles & similar products	1767	1457	1251	1045	860	635	32	32	2037
1549 Other food products n.e.c.	59472	63377	65014	31988	34286	34859	2009	2009	2346
155 Beverages	62469	63757	63617	29881	31214	30597	2331	2331	138
1551 Distilling, rectifying & blending of spirits	5133	5117	5077	243	258	2155	152	152	429
1552 Wines	6195	6829	6877	3161	3390	3096	424	424	764
1553 Malt liquors and malt	18979	18651	17580	3161	3390	3096	835	835	934
1554 Soft drinks; mineral waters	32162	33160	33983	12835	13844	13857	934	934	310
1600 Tobacco products	36075	39977	45321	26690	31473	38059	344	344	1611
171 Spinning, weaving and finishing of textiles	44863	43648	41555	17714	17678	16768	1820	1820	1244
1711 Textile fibre preparation; textile weaving	31166	30974	29143	12111	11708	11391	1347	1347	367
1712 Finishing of textiles	13698	12674	12412	6006	5566	5378	474	474	1156
172 Other textiles	39199	39649	41107	17205	17144	18382	1080	1080	445
1721 Made-up textile articles, except apparel	17513	17001	18719	8307	7707	8812	425	425	184
1722 Carpets and rugs	11493	12070	11683	4513	4840	4532	228	228	21
1723 Cordage, rope, twine and netting	777	766	806	378	344	393	16	16	507
1729 Other textiles n.e.c.	9416	9813	9899	4007	4253	4544	409	409	398
1730 Knitted and crocheted fabrics and articles	15297	13781	12404	7021	6113	5612	362	362	773
1810 Wearing apparel, except fur apparel	58418	56406	55228	29150	27891	27048	754	754	101
1820 Dressing & dyeing of fur; processing of fur	...	...	...	...	...	...	...	...	44
191 Tanning, dressing and processing of leather	6666	6422	5898	3188	3180	2682	90	90	56
1911 Tanning and dressing of leather	3577	3310	3177	1816	1893	1538	40	40	55
1912 Luggage, handbags, etc.; saddlery & harness	3089	3112	2721	1816	1836	1869	46	46	1249
1920 Footwear	4211	3764	3775	2220	1836	1662	1315	1315	609
2010 Sawmilling and planing of wood	35019	33902	36692	11422	10148	11747	1315	1315	735
202 Products of wood, cork, straw, etc.	4356	46235	50000	18061	19791	22089	496	496	142
2021 Veneer sheets, plywood, particle board, etc.	13773	14413	15749	5148	5502	6967	579	579	142
2022 Builders' carpentry and joinery	21186	23001	25028	8859	9956	10618	145	145	6986
2023 Wooden containers	4489	4685	4772	2000	2128	2128	135	135	4925
2029 Other wood products; articles of cork/straw	3917	4136	4451	2055	2208	2375	145	145	1519
210 Paper and paper products	148214	152823	155575	69456	71979	73790	8490	8490	541
2101 Pulp, paper and paperboard	86030	86204	88274	41971	43000	44279	6310	6310	1612
2102 Corrugated paper and paperboard	42768	46294	47366	17294	18148	18724	1612	1612	568
2109 Other articles of paper and paperboard	19416	20325	19935	10192	10831	10788	568	568	...
221 Publishing of books and other publications	...	...	...	...	...	...	...	...	...
2212 Publishing of newspapers, journals, etc.	...	...	...	...	...	...	...	...	...
2213 Publishing of recorded media	...	...	...	...	...	...	...	...	...
2219 Other publishing	...	...	...	...	...	...	...	...	...

continued

United States of America

ISIC Revision 3

ISIC Industry	Output (million DOLLARS)				Note	Value added (million DOLLARS)				Note	Gross fixed capital formation (million DOLLARS)	
	1996	1997	1998	1999		1996	1997	1998	1999		1998	1999
	Note											
222 Printing and related service activities	97485	100297	100297	102404		58393	60248	62428	62428	4883	4834	
2221 Printing	90565	93147	93147	95554		52917	54590	57065	57065	4453	4453	
2222 Service activities related to printing	6920	7150	7150	6850		3165	3959	3427	3427	380	380	
2230 Reproduction of recorded media	5019	6205	6205	5298		33604	27229	37975	37975	458	469	
2310 Coke oven products	166411	126284	126284	156725		81902	82819	7874	7874	4354	4113	
2320 Refined petroleum products	184234	176942	176942	174006		53510	52706	49573	49573	12223	11531	
2330 Processing of nuclear fuel	112135	105477	105477	105548		4900	5180	3668	3668	7410	6932	
241 Basic chemicals, except fertilizers	12760	12997	12997	10897		23492	24933	24234	24234	796	708	
2411 Fertilizers and nitrogen compounds	59340	58468	58468	57561		137948	142591	146589	146589	4018	3892	
2412 Plastics in primary forms; synthetic rubber	221801	230127	230127	235445		7370	7370	7030	7030	9131	9064	
242 Other chemicals	11417	11424	11424	10791		11006	11006	11353	11353	395	369	
2421 Pesticides and other agro-chemical products	23134	23905	23905	24468		64108	70763	74108	74108	550	534	
2422 Paints, varnishes, printing ink and mastics	92933	103461	103461	107855		34359	34082	32483	32483	4335	4631	
2423 Pharmaceuticals, medicinal chemicals, etc.	55141	54492	54492	53266		20943	19370	21614	21614	1686	1882	
2424 Soap, cleaning & cosmetic preparations	39176	36845	36845	39065		6908	6715	6442	6442	2164	1627	
2429 Other chemical products n.e.c.	13038	12814	12814	12706		18068	18578	19163	19163	615	584	
2430 Man-made fibres	34716	35076	35076	35524		7918	8025	8042	8042	1566	1629	
251 Rubber products	15699	15322	15322	15060		10151	10653	11121	11121	734	825	
2511 Rubber tyres and tubes	19017	19754	19754	20524		65708	69494	74856	74856	821	804	
2519 Other rubber products	128498	132860	132860	141295		14052	13937	14493	14493	6745	7222	
2520 Plastic products	22733	22667	22667	23595		39380	43334	46426	46426	1765	1708	
2610 Glass and glass products	74714	81608	81608	85274		2814	2889	2914	2914	3721	4104	
269 Non-metallic mineral products n.e.c.	3993	4133	4133	4070		1494	1405	1386	1386	152	153	
2691 Pottery, china and earthenware	2734	2573	2573	2490		1608	1664	2007	2007	130	154	
2692 Refractory ceramic products	2381	2422	2422	2845		5196	5611	5611	5611	130	154	
2693 Struct.non-refractory clay; ceramic products	7700	8280	8280	8568		16143	18896	21088	21088	586	688	
2694 Cement, lime and plaster	32425	37550	37550	40989		791	809	957	957	1538	1760	
2695 Articles of concrete, cement and plaster	1245	1302	1302	1492		11893	12475	12463	12463	44	66	
2696 Cutting, shaping & finishing of stone	24236	25249	25249	24821		32194	30989	28152	28152	1142	1145	
2699 Other non-metallic mineral products n.e.c.	76900	75871	75871	69896		20266	21469	21512	21512	3150	2819	
2710 Basic iron and steel	63754	62545	62545	60004		16934	17334	17655	17655	2023	1990	
2720 Basic precious and non-ferrous metals	29051	29344	29344	28685		10449	10504	10707	10707	1317	1343	
273 Casting of metals	17428	17302	17302	17532		6443	6830	6948	6948	704	701	
2731 Casting of iron and steel	11623	12043	12043	12123		33032	34977	36775	36775	613	642	
2732 Casting of non-ferrous metals	65826	69874	69874	72497		24941	26739	28347	28347	1988	2206	
281 Struct.metall products;tanks;steam generators	50774	54295	54295	57134		6017	6475	6475	6475	1388	1513	
2811 Structural metal products	11184	11420	11420	11777		2074	2226	1954	1954	478	557	
2812 Tanks, reservoirs and containers of metal	3867	4159	4159	3586		93163	96657	98005	98005	123	136	
2813 Steam generators	162980	169043	169043	170752		12028	12650	12966	12966	7863	7740	
289 Other metal products; metal working services	23422	24722	24722	25206		28662	29205	29660	29660	972	1057	
2891 Metal forging/pressing/stamping/roll-forming	44806	45881	45881	46831		22457	22543	22963	22963	2691	2607	
2892 Treatment & coating of metals	34854	35433	35433	35883		30016	32258	32416	32416	1806	1734	
2893 Cutlery, hand tools and general hardware	59898	63006	63006	62821		73987	77017	78632	78632	2394	2341	
2899 Other fabricated metal products n.e.c.	146689	154633	154633	156343		11613	11611	11611	11611	4922	5350	
291 General purpose machinery	24865	24865	24865	28964		22838	24034	23264	23264	988	1096	
2911 Engines & turbines(not for transport equip.)	42020	44635	44635	43085		7091	7345	6981	6981	1510	1399	
2912 Pumps, compressors, taps and valves	11738	12022	12022	11847		1515	1440	1142	1142	536	538	
2913 Bearings, gears, gear & driving elements	2686	2686	2686	2318		17876	17645	8002	8002	47	92	
2914 Ovens, furnaces and furnace burners	16646	17876	17876	18109		24121	24941	25798	25798	342	444	
2915 Lifting and handling equipment	48550	50765	50765	52021						44	44	
2919 Other general purpose machinery										1501	1782	

292 Special purpose machinery	130307	67375	68001	64324	4554	4028
2921 Agricultural and forestry machinery	19321	10355	10841	8064	677	489
2922 Machine tools	20363	20777	10391	10295	629	546
2923 Machinery for metallurgy	700	662	342	214	824	12
2924 Machinery for mining & construction	30810	33027	15408	12669	824	797
2925 Food/beverage/tobacco processing machinery	2858	2907	1596	1596	62	71
2926 Machinery for textile, apparel and leather	2371	2388	1297	1295	100	91
2927 Weapons and ammunition	6122	6347	4135	4243	118	126
2929 Other special purpose machinery	45932	44828	23928	25947	2131	1897
2930 Domestic appliances n.e.c.	21394	22472	10032	10466	651	569
3000 Office, accounting and computing machinery	113218	117546	51749	49211	3451	2968
3110 Electric motors, generators and transformers	18442	17882	9427	9344	593	435
3120 Electricity distribution & control apparatus	30743	31811	18501	18660	1201	941
3130 Insulated wire and cable	15246	15270	6515	6838	754	852
3140 Accumulators, primary cells and batteries	6823	6866	3500	4041	238	338
3150 Lighting equipment and electric lamps	12710	13480	7517	7352	405	393
3190 Other electrical equipment n.e.c.	39569	42039	21244	22852	1624	1369
3210 Electronic valves, tubes, etc.	132009	126360	84414	97586	11383	11174
3220 TV/radio transmitters; line comm. apparatus	78749	78317	42249	45539	3079	2938
3230 TV and radio receivers and associated goods	8227	8327	2663	2911	167	176
331 Medical, measuring, testing appliances, etc.	129940	135796	90670	90043	5105	4919
3311 Medical, surgical and orthopaedic equipment	54728	59423	40929	40929	2186	282
3312 Measuring/testing/navigating appliances, etc.	67550	68751	44469	44181	2613	2420
3313 Industrial process control equipment	7663	7621	4762	4934	306	216
3320 Optical instruments & photographic equipment	14928	15545	9744	9645	712	573
3330 Matches and clocks	922	1021	599	697	31	38
3410 Motor vehicles	263179	275004	81386	96817	7274	6338
3420 Automobile bodies, trailers & semi-trailers	20190	22665	8682	9319	339	381
3430 Parts/accessories for automobiles	113596	117249	51023	57383	6807	6688
351 Building and repairing of ships and boats	16150	17082	9498	9896	512	515
3511 Building and repairing of ships	10543	11143	6203	6454	249	284
3512 Building/repairing of pleasure/sport. boats	5607	5939	2769	3442	263	231
3520 Railway/tramway locomotives & rolling stock	8263	9257	3848	4049	202	219
3530 Aircraft and spacecraft	120438	137404	76049	73897	3477	3351
359 Transport equipment n.e.c.	3383	3344	1590	1476	132	117
3591 Motorcycles	3383	3344	1590	1476	132	117
3592 Bicycles and invalid carriages	...	...	...	...	...	...
3599 Other transport equipment n.e.c.	...	...	...	...	...	...
3610 Furniture	73742	79220	40558	43876	2187	2441
369 Manufacturing n.e.c.	51277	62177	28791	29057	1644	1870
3691 Jewellery and related articles	7015	6917	3153	3652	91	104
3692 Musical instruments	1325	1322	847	848	57	74
3693 Sports goods	10634	11101	6037	5642	353	389
3694 Games and toys	4764	4348	2402	2093	114	129
3699 Other manufacturing n.e.c.	27540	28490	16353	16921	1029	1175
3710 Recycling of metal waste and scrap
3720 Recycling of non-metal waste and scrap
D Total manufacturing

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ISIC Industry		Index numbers of industrial production (1990=100)															
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999				
		Note															
15	Food and beverages	98	99	100	101	103	105	107	109	109	110	114	116				
16	Tobacco products	101	100	100	94	95	80	99	106	108	106	103	92				
17	Textiles	102	104	100	99	107	113	119	118	117	117	115	112				
18	Wearing apparel, fur	107	103	100	101	103	106	109	110	107	108	103	98				
19	Leather, leather products and footwear	104	104	100	91	93	94	87	81	82	81	73	68				
20	Wood products (excl. furniture)	103	103	100	93	98	99	104	106	109	112	117	120				
21	Paper and paper products	98	99	100	101	104	108	111	112	112	118	120	122				
22	Printing and publishing	100	100	100	96	97	97	98	98	99	104	104	104				
23	Coke, refined petroleum products, nuclear fuel	99	99	100	99	100	103	102	104	107	111	113	115				
24	Chemicals and chemical products	95	98	100	99	103	104	107	109	111	120	125	130				
25	Rubber and plastics products	96	99	100	98	108	116	126	130	134	143	148	152				
26	Non-metallic mineral products	102	102	100	93	95	97	103	106	112	116	122	125				
27	Basic metals	102	101	100	93	96	101	109	112	115	121	123	125				
28	Fabricated metal products	105	104	100	95	99	103	111	115	119	125	129	130				
29	Machinery and equipment n.e.c.	97	103	100	95	99	109	124	141	155	169	182	196				
30	Office, accounting and computing machinery	92	102	100	101	123	150	187	260	371	518	730	1151				
31	Electrical machinery and apparatus	94	98	100	102	114	125	150	189	236	301	366	455				
32	Radio, television and communication equipment	...	...	...	...	...	...	...	...	...	...	...	...
33	Medical, precision and optical instruments	99	100	100	101	102	102	101	105	110	112	117	122				
34	Motor vehicles, trailers, semi-trailers	105	106	100	93	105	121	139	143	143	154	160	174				
35	Other transport equipment	93	100	100	96	91	86	77	74	76	84	97	90				
36	Furniture; manufacturing n.e.c.	100	101	100	96	100	105	109	112	115	120	127	132				
37	Recycling	...	...	...	...	...	...	...	...	...	...	...	...
D	Total manufacturing	99	101	100	98	102	105	112	117	123	133	140	147				

a/ 31 includes 32.

VENEZUELA

<p>Supplier of information: Oficina Central de Estadística e Informática (OCEI), Presidencia de la República, Caracas.</p> <p>Basic source of data: Annual industrial survey.</p> <p>Major deviations from ISIC (Revision 2): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: Establishments with 5 or more persons engaged.</p> <p>Method of enumeration: Establishments with more than 50 persons engaged are completely enumerated, and smaller establishments are sampled. Individual sites are visited by enumerators.</p> <p>Adjusted for non-response: Yes.</p>	<p>Concepts and definitions of variables: Both <u>output</u> and <u>value added</u> exclude net revenues from goods shipped in the same condition as received.</p> <p>Related national publications: Anuario Estadístico; Encuesta Industrial (annual), both published by the Oficina Central de Estadística e Informática (OCEI), Presidencia de la República, Caracas.</p>
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Venezuela

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees									
	Note	(numbers)			Note	(numbers)			Note	(Million BOLIVARES)								
		1995	1996	1997		1998	1995	1996		1997	1998	1995	1996	1997	1998			
ISIC Industry																		
311/2 Food products		2235	3300	3089	3015b/	77208	77333	81723	110168b/									
313 Beverages		93	106	99	...b/	12419	12606	12623	...b/									
314 Tobacco		21	23	16	...b/	2497	2088	1687	...b/									
321 Textiles		198	342	284	1581c/	18055	19434	19153	60626c/									
322 Wearing apparel, except footwear		771	832	697	...c/	18948	19695	21586	...c/									
323 Leather and fur products		777	108	67	...c/	3228	3257	2337	...c/									
324 Footwear, except rubber or plastic		451	476	356	...c/	13776	12726	12097	...c/									
331 Wood products, except furniture		249	660	627	1321d/	6112	9695	10584	21124d/									
332 Furniture and fixtures, excl. metal		688	973	868	...d/	11602	11793	10362	...d/									
341 Paper and products		97	129	128	777e/	10752	10747	12077	24818e/									
342 Printing and publishing		522	650	588	...e/	13378	13052	14276	...e/									
351 Industrial chemicals		91	185	141	927f/	7677	8421	11013	74092f/									
352 Other chemicals		278	354	313	...f/	19605	19303	22676	...f/									
353 Petroleum refineries		10	13	14	...f/	4998	4970	8077	...f/									
354 Misc. Petroleum and coal products		22	35	33	...f/	1011	1337	1485	...f/									
355 Rubber products		64	88	87	...f/	6213	6532	5979	...f/									
356 Plastic products		398	277	288	...f/	19565	16380	18085	...f/									
361 Pottery, china, earthenware		44	140	120	862g/	8812	4476	5866	33946g/									
362 Glass and products		58	98	89	...g/	6083	6397	6283	...g/									
369 Other non-metallic mineral products		477	728	636	...g/	15081	17220	17069	...g/									
371 Iron and steel		192	193	189	281h/	17151	18893	23936	37170h/									
372 Non-ferrous metals		68	80	66	...h/	9327	9656	13705	...h/									
381 Fabricated metal products		903	1446	1270	2149i/	23942	27993	24805	81329i/									
382 Non-electrical machinery		278	604	480	...i/	12745	15797	14319	...i/									
383 Electrical machinery		190	279	228	...i/	9727	10421	9748	...i/									
384 Transport equipment		215	374	372	...i/	16562	18083	22151	...i/									
385 Professional and scientific equipment		47	68	68	...i/	2007	1945	2452	...i/									
390 Other manufacturing industries		127	210	190	200	4193	4743	2601	5980									
3 Total manufacturing		8864	12771	11403	11113	372674	384993	409356	449253									

a/ Number of persons engaged.
b/ 311/2 includes 313 and 314.
c/ 321 includes 322, 323 and 324.
d/ 331 includes 332.
e/ 341 includes 342.
f/ 351 includes 352, 353, 354, 355 and 356.
g/ 361 includes 362 and 369.
h/ 371 includes 372.
i/ 381 includes 382, 383, 384 and 385.

Venezuela

ISIC Industry	Output in producers' prices (million BOLIVARES)				Value added in producers' prices (million BOLIVARES)				Gross fixed capital formation (million BOLIVARES)	
	1995	1996	1997	1998	1995	1996	1997	1998	1997	1998
ISIC Revision 2										
311/2 Food products	1239483	2219461	2595278	5986380a/	376347	749510	453499	2540010a/	299278	612980a/
313 Beverages	287973	470242	683642	...a/	137636	265345	315764	...a/	98049	...a/
314 Tobacco	99723	857917	143835	...a/	65243	145599	-299082	...a/	18658	...a/
321 Textiles	150344	278203	254910	726273b/	59553	120565	74710	276779b/	68106	121723b/
322 Wearing apparel, except footwear	90431	250402	225180	...b/	34538	128937	77701	...b/	18600	...b/
323 Leather and fur products	26032	35515	36265	...b/	8860	11488	7985	...b/	6272	...b/
324 Footwear, except rubber or plastic	60646	107006	129250	...b/	22714	41826	39642	...b/	7866	...b/
331 Wood products, except furniture	22827	61736	55015	193411c/	9047	25640	8147	69186c/	14471	27573c/
332 Furniture and fixtures, excl. detail	45389	76491	79999	...c/	15681	33920	23289	...c/	8114	...c/
341 Paper and products	180085	288620	284609	702053d/	62338	108563	64049	317199d/	58982	153482d/
342 Printing and publishing	120690	195876	271943	...d/	58204	96139	123306	...d/	44968	...d/
351 Industrial chemicals	426431	979734	1114625	6360459e/	191885	493594	444505	3951541e/	342464	1745158e/
352 Other chemicals	350186	625639	786574	...e/	157662	297953	312368	...e/	72211	...e/
353 Petroleum refineries	77717	1353761	3922684	...e/	566708	1021532	3459699	...e/	1006038	...e/
354 Misc. petroleum and coal products	8766	31143	35658	...e/	2939	-2900	10863	...e/	9081	...e/
355 Rubber products	96926	228906	69570	...e/	44883	131526	-70510	...e/	29083	...e/
356 Plastic products	150102	233683	314942	...e/	59902	102122	124633	...e/	66420	...e/
361 Pottery, china, earthenware	29006	46639	42771	1063896f/	14812	24304	6798	596352f/	23091	312726f/
362 Glass and products	82366	189865	231888	...f/	54372	125105	15057	...f/	63251	...f/
369 Other non-metallic mineral products	186247	384017	402382	...f/	104145	193133	190320	...f/	147384	...f/
371 Iron and steel	402239	943358	1011973	4420234g/	190821	454206	308574	2399327g/	399720	1323661g/
372 Non-ferrous metals	334203	766412	633058	...g/	197028	409265	162182	...g/	272768	...g/
381 Fabricated metal products	220994	445445	447176	3268878h/	94929	188534	138218	1345632h/	69266	397342h/
382 Non-electrical machinery	99202	239446	350688	...h/	41529	115377	126196	...h/	43171	...h/
383 Electrical machinery	120023	224522	307382	...h/	50474	113779	100303	...h/	45024	...h/
384 Transport equipment	475836	941498	1607691	...h/	205159	408575	488751	...h/	99096	...h/
385 Professional and scientific equipment	43282	38229	68803	...h/	13037	17841	32310	...h/	8770	...h/
390 Other manufacturing industries	24752	45821	48030	62230	11738	21359	13636	30397	6492	8037
3 Total manufacturing	6151881	12539580	16155920	22793810	2841985	6124535	6887650	11526420	3346692	4702680

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, 384 and 385.

YUGOSLAVIA

<p>Supplier of information: Federal Statistical Office, Belgrade.</p> <p>Basic source of data: Not reported.</p> <p>Major deviations from ISIC (Revision 2): None reported.</p> <p>Reference period (if not calendar year):</p> <p>Scope: After 1998, data exclude Kosovo.</p> <p>Method of enumeration: Not reported.</p> <p>Adjusted for non-response: Not reported.</p>	<p>Concepts and definitions of variables: Figures for wages and salaries were computed by UNIDO based on nine-month average wages and salaries per employee.</p> <p>Related national publications:</p>
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Yugoslavia

ISIC Industry	Number of establishments (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (million DINARS)						
	Note	1996	1997	1998	1999a/	Note	1996	1997	1998	1999a/	Note	1996	1997	1998	1999a/
		1999a/	1999a/	1999a/	1999a/										
ISIC Industry															
311/2 Food products		3007	3199	3358	3507		93.3	91.4	90.8	85.8		889	1002	1337	1690
313 Beverages		626	803	816	825		19.5	19.7	20.0	17.5		224	377	484	484
314 Tobacco		21	23	23	25		5.1	4.9	4.9	4.2		59	32	158	229
321 Textiles		1361	1355	1550	1439		69.9	65.4	58.7	49.7		253	218	314	315
322 Wearing apparel, except footwear		1260	1293	1292	1365		65.2	61.0	56.2	51.2		207	182	228	207
323 Leather and fur products		526	314	400	330		10.4	10.4	9.4	7.6		45	38	41	57
324 Footwear, except rubber or plastic		283	240	299	274		24.3	22.4	20.9	19.7		78	76	77	78
331 Wood products, except furniture		3649	3028	3724	3053		19.6	18.9	18.5	16.8		92	80	99	182
332 Furniture and fixtures, excl. metal		692	727	794	756		19.1	18.1	17.7	16.2		109	118	129	164
341 Paper and products		901	970	1000	1030		13.4	12.9	12.7	11.9		92	98	132	193
342 Printing and publishing		1590	1679	1797	1724		26.0	24.9	23.7	21.4		266	269	274	310
351 Industrial chemicals		293	302	312	325		23.2	22.7	22.1	20.4		249	331	508	243
352 Other chemicals		815	907	1050	999		17.9	18.2	18.1	17.1		227	288	384	591
353 Petroleum refineries		8	10	12	15		4.5	4.7	4.7	4.7		79	109	134	127
354 Misc. petroleum and coal products		3	3	3	3		1.0	0.8	0.8	0.6		10	11	19	14
355 Rubber products		136	144	151	157		15.4	14.8	15.2	13.9		96	122	161	217
356 Plastic products		1310	602	576	774		10.4	10.0	9.8	9.1		87	78	114	134
361 Pottery, china, earthenware		87	66	96	74		6.4	6.1	6.0	5.5		26	37	47	48
362 Glass and products		74	64	75	79		8.1	7.4	7.1	6.8		48	42	60	104
369 Other non-metallic mineral products		590	607	721	661		31.8	31.2	30.8	26.5		300	326	482	595
371 Iron and steel		33	39	45	54		17.1	17.2	17.6	13.4		114	166	218	183
372 Non-ferrous metals		123	103	109	114		17.5	17.5	17.3	15.1		192	157	343	394
381 Fabricated metal products		4323	4340	4573	4407		83.0	82.4	80.7	73.7		417	503	691	726
382 Non-electrical machinery		493	480	497	527		52.1	49.1	45.7	43.5		258	387	439	423
383 Electrical machinery		2495	2578	2688	2695		49.7	46.7	46.1	42.6		315	331	432	512
384 Transport equipment		364	368	398	404		73.0	67.3	65.6	60.8		309	538	591	632
385 Professional and scientific equipment		165	181	201	211		3.8	3.6	3.6	3.4		18	26	31	33
390 Other manufacturing industries		356	379	405	370		8.7	8.3	7.5	6.6		48	44	57	66
3 Total manufacturing		25584	24804	26965	26197		789.4	758.0	732.2	665.4		5096	5881	7917	8951

a/ Data exclude Kosovo.

Yugoslavia

ISIC Industry	Output (million DINARS)			Value added (million DINARS)			Gross fixed capital formation (million DINARS)		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
	Note			Note				Note	
ISIC Industry									
311/2 Food products	14862	17144	22602	32353	4821	6767	9510	560	710
313 Beverages	2880	3712	5585	7714	2029	2879	4063	475	352
314 Tobacco	742	1014	1504	2146	561	689	689	54	109
321 Textiles	1944	2153	3119	4267	961	1415	2054	125	169
322 Wearing apparel, except footwear	1120	1309	2190	2653	581	1264	1508	25	46
323 Leather and fur products	472	494	712	957	203	287	386	7	10
324 Footwear, except rubber or plastic	484	531	1027	1348	228	496	395	3	5
331 Wood products, except furniture	1037	1149	1696	3020	383	568	1053	23	15
332 Furniture and fixtures, excl. metal	949	1011	1563	2057	387	701	896	8	5
341 Paper and products	1330	1379	2525	3965	423	864	1655	9	28
342 Printing and publishing	2462	3058	3644	4933	1125	1726	2269	79	62
351 Industrial chemicals	2489	4246	5236	3852	1031	1516	1350	89	131
352 Other chemicals	3871	4267	5933	7463	2037	2314	3251	367	272
353 Petroleum refineries	1074	1724	1228	530	418	173	-47	105	127
354 Misc. petroleum and coal products	62	83	103	77	36	47	33	5	2
355 Rubber products	1064	1520	2177	2147	430	884	1005	31	204
356 Plastic products	924	987	1984	2773	382	784	1162	38	17
361 Pottery, china, earthenware	252	251	398	643	144	207	370	11	4
362 Glass and products	364	405	672	922	161	257	423	8	14
369 Other non-metallic mineral products	2377	2426	3537	4943	1064	1708	2525	83	161
371 Iron and steel	1867	2704	4472	1511	348	569	-10	54	87
372 Non-ferrous metals	2500	3654	4337	4889	572	825	548	113	247
381 Fabricated metal products	3903	4676	7221	9274	1706	3340	4567	89	210
382 Non-electrical machinery	1897	2659	3278	3651	975	1706	1973	21	25
383 Electrical machinery	3993	4727	6724	7901	1382	2544	3198	89	61
384 Transport equipment	2246	2939	4034	4202	1221	1937	2291	141	241
385 Professional and scientific equipment	170	191	237	342	99	127	186	2	1
390 Other manufacturing industries	151	195	316	403	82	137	178	6	6
3 Total manufacturing	57486	70610	98075	120936	21777	36744	47649	2619	3320

a/ Data exclude Kosovo.

Yugoslavia

ISIC Revision 2		Index numbers of industrial production (1990=100)												
		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
ISIC Industry	Note	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
311/2 Food products	a/	...	...	100	95	79	57	58	62	64	62	70	68
313 Beverages	a/	...	...	100	103	101	87	83	77	73	63	91	88
314 Tobacco		...	...	100	81	62	35	36	33	33	33	38	31
321 Textiles	b/	...	...	100	87	62	28	30	24	26	31	36	21
322 Wearing apparel, except footwear	b/	...	...	100	71	60	40	34	25	29	29	31	20
323 Leather and fur products		...	...	100	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	...	100	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture	c/	...	...	100	84	79	57	48	50	48	45	48	41
332 Furniture and fixtures, excl. metal		...	...	100	...	...	...	...	...	...	...	...	...
341 Paper and products		...	...	100	86	69	34	35	39	37	38	44	34
342 Printing and publishing		...	...	100	91	67	43	41	43	51	55	55	36
351 Industrial chemicals	d/	...	...	100	85	70	32	36	41	56	83	97	50
352 Other chemicals	d/	...	...	100	75	50	22	20	22	32	48	48	21
353 Petroleum refineries	e/	...	...	100	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products	e/	...	...	100	86	64	21	27	28	36	43	52	37
355 Rubber products	f/	...	...	100	...	...	...	...	...	...	...	...	...
356 Plastic products	f/	...	...	100	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	g/	...	...	100	87	72	37	41	44	55	57	68	50
362 Glass and products	g/	...	...	100	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	g/	...	...	100	...	...	...	...	...	...	...	...	...
371 Iron and steel	h/	...	...	100	79	55	22	23	28	40	49	53	29
372 Non-ferrous metals	h/	...	...	100	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	100	79	58	30	24	24	24	32	35	23
382 Non-electrical machinery		...	...	100	49	33	16	11	11	11	13	10	9
383 Electrical machinery		...	...	100	65	43	16	21	23	25	28	28	23
384 Transport equipment		...	...	100	69	40	16	15	15	17	18	23	14
385 Professional and scientific equipment		...	...	100	67	47	19	25	32	29	30	34	31
390 Other manufacturing industries	c/	...	...	100	87	67	42	41	40	39	40	40	31
3 Total manufacturing		...	...	100	81	61	34	34	35	39	43	48	37

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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